

INSECTICIDES OCTOBER 2017

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Afforestation	Pine emperor moth; Wattle bagworm; Willow emperor moth	alpha-cypermethrin	EC	100 g/l	Fastac EC	4991		BASF South Africa
Afforestation	Pine emperor moth; Wattle bagworm; Willow emperor moth	alpha-cypermethrin	EC	100 g/l	Magnum Super EC	6679		Technichem
Afforestation	Pine tree emperor moth; Wattle bagworm; Willow emperor moth	alpha-cypermethrin	EC	100 g/l	Sentry EC	7966		Volcano Agrosience /ta Arysta LS
Afforestation	Pine emperor moth; Wattle bagworm; Willow emperor moth	alpha-cypermethrin	SC	100 g/l	Alpha-thrin 100 SC	7425		Villa Crop Protection
Afforestation	Pine emperor moth, Wattle bagworm, Willow emperor moth	alpha-cypermethrin	SC	100 g/l	Avalanche	6807		Klub M5
Afforestation	Pine emperor moth; Wattle bagworm; Willow emperor moth	alpha-cypermethrin	SC	100 g/l	Fastac SC	4992		BASF South Africa
Afforestation	Pine emperor moth; Wattle bagworm	alpha-cypermethrin	SC	100 g/l	Magnum Super SC	7816		Technichem Crop Protection
Afforestation	Pine emperor moth; Wattle bagworm; Willow emperor moth	alpha-cypermethrin	SC	100 g/l	Polytrin Super 100 SC	7262		Universal Crop Protection
Afforestation	Pine tree emperor moth	Bacillus thuringiensis var kurstaki	WG	32 000 IU/mg	Kirshhoffs Margaret Roberts Dipel Biological Cater	7112		Ball Straathof
Afforestation	Pine tree emperor moth	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Afforestation	Wattle bagworm	beta-cyfluthrin	SC	125 g/l	Bulldock Beta 125 SC	7612		Bayer
Afforestation	Pine emperor moth; Wattle bagworm; Willow emperor moth	beta-cypermethrin	EC	100 g/l	Akito	6709		Cropserve/Arysta Lifescience SA
Afforestation	White grub	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Afforestation	Mice; Rats	coumatetralyl	BB	0,375 g/kg	Racumin Rat and Mouse Bait Blocks	4284		Bayer
Afforestation	Mice; Rats	coumatetralyl	BB	0,375 g/kg	Racumin Wax Blocks	8465		Bayer
Afforestation	Gerbils; Mice; Rats	coumatetralyl	RB	0,375 g/kg	Mirron Grain Bait	9495		Villa Crop Protection
Afforestation	Pine emperor moth; Wattle bagworm; Willow tree emperor moth	cypermethrin	EC	200 g/l	Avi-Sipermetrin EC	3980		Avima
Afforestation	Pine emperor moth; Wattle bagworm; Willow emperor moth	cypermethrin	EC	200 g/l	Bitrad Cypermethrin	7014		Bitrad Consulting
Afforestation	Pine emperor moth; Wattle bagworm; Willow emperor moth	cypermethrin	EC	200 g/l	Cyperin 200 EC	5321		Nulandis
Afforestation	Pine emperor moth; Wattle bagworm; Willow emperor moth	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4069		Agro-Serve t/a Efekto
Afforestation	Pine emperor moth; Wattle bag worm; Willow tree emperor moth	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4644		Universal Crop Protection
Afforestation	Pine emperor moth; Wattle bagworm; Willow emperor moth	cypermethrin	EC	200 g/l	Doodskoot EC	3285		WPK Landbou
Afforestation	Pine emperor moth; Wattle bagworm; Willow emperor moth	cypermethrin	EC	200 g/l	Farmag Cypermethrin	3207		Castle Ag-Chem
Afforestation	Pine emperor moth; Wattle bagworm; Willow tree emperor moth	cypermethrin	EC	200 g/l	Kemprin 200 EC	3145		Arysta Lifescience SA /Protek

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Afforestation	Pine emperor moth; Wattle bagworm; Willow emperor moth	cypermethrin	EC	200 g/l	Polytrin 200 EC	5409		Villa Crop Protection
Afforestation	Pine emperor moth; Wattle bagworm; Willow emperor moth	cypermethrin	EC	200 g/l	Sipermetrien	4889		Arysta Lifescience SA /Protek
Afforestation	Wattle mirid	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Afforestation	Mice; Rats	difenacoum	BB	0,1 g/kg	Tornado	4253		RT Chemicals
Afforestation	Pine Brown Tail Moth Larvae; Wattle bag worm	diflubenzuron	SC	480 g/l	Diflubenzuron 480 SC	9486		Sharda International Africa CC
Afforestation	Bark beetles; Beetles; Cutworm; Gall wasps; Psyllids; Termites; White grub	imidacloprid	SC	350 g/l	Apache Gold 350 SC	9398		Castle Ag-Chem
Afforestation	Bark beetles; beetles; Cutworm; Gall wasps; Psyllids; Termites; White grub	imidacloprid	TB	70 g/kg	Suppositree	10090		ICAT International Consulting
Afforestation	Aphids	thiamethoxam	WG	250 g/kg	Devaxam 250 WG	9333		DVA Chemicals SA
Afforestation	Pine emperor moth; Wattlebag worm; Willow tree emperor moth	zeta-cypermethrin	EW	100 g/l	Fury 10 EW	6696		FMC
Agricultural situations	Gerbils; Mice; Rats	coumatetralyl	RB	0,375 g/kg	Mirron Grain Bait	9495		Villa Crop Protection
Aircraft	Disinsectionation	permethrin	AE	20 g/kg	Aeroguard	8314		Lifeguard Sciences
All crops	Cutworms	alpha-cypermethrin	SC	100 g/l	Magnum Super SC	7816		Technichem Crop Protection
All crops	Cutworms	lambda-cyhalothrin	EC	50 g/l	Insectido 5 EC	8437		DVA Chemicals SA
All crops	Fruitflies	spinosad	OB	0,24g/l	Gf-120 NF	7331		Dow AgroSciences SA
Almonds	European red mite; Red spider mite	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Almonds	African bollworm; Carob moth; Codling moth; False codling moth; Litchi moth; Stinkbug complex	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Almonds	Aphids; Stinkbugs; Thrips	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Almonds	African bollworm; Codling moth; False codling moth; Leafrollers	emamectin benzoate	WG	50 g/kg	Proclaim	7581		Syngenta SA
Almonds	Thrips	imidacloprid	SC	350 g/l	Kohinor 350 SC	8447		Adama SA
Almonds	Stinkbug	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Almonds	Stinkbug	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Almonds	Fruit sucking bug; Stinkbug	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Almonds	False codling moth; Thrips	spinetoram	WG	250 g/l	Delegate 250 WG	8392		Dow AgroSciences SA
Almonds; Hazelnuts & Pistachios	False codling moth	methoxyfenozide	SC	240 g/l	Runner 240 SC	7779		Dow AgroSciences SA
Animal housing and feedlots	Flies	cyromazine	WG	20 g/kg	Cyro 20 WDG	9596		Villa Crop Protection
Animal housing and feedlots	Flies	cyromazine	WG	20 g/kg	Cyrozine 20 WDG	9597		Universal Crop Protection
Animal housing and feedlots	Flies	cyromazine	WG	500 g/kg	Cyro 500 WDG	9595		Villa Crop Protection
Animal housing and feedlots	Flies	cyromazine	WG	500 g/kg	Cyrozine 500 WDG	9594		Universal Crop Protection
Apples	African bollworm; Codling moth; Weevils	indoxacarb	EC	150 g/l	Steward 150 EC	8435	28 days	Du Pont de Nemours Int SA

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Apples & Pears	Codling moth	(8E,10E)-8-10-Dodecadien-1-ol/ethyl (2E,4Z)-2,4-decadienoate	VP	23/5 g/kg	Cidtrak CMDA Combo	10215		Viking Intellectual Properties
Apples & Pears	European red mite; Red spider mite	abamectin	EC	18 g/l	Abalone 18 EC	7458		Tsunami Plant Protection /ta Arysta LS
Apples & Pears	European red mite; Red spider mite	abamectin	EC	18 g/l	Abamectin Plus	5888		RT Chemicals
Apples & Pears	European red mite; Red spider mite	abamectin	EC	18 g/l	Agrimec 018 EC	3209		Syngenta SA
Apples & Pears	European red mite; Red spider mite	abamectin	EC	18 g/l	Agromectin	6798		Arysta Lifescience SA
Apples & Pears	European red mite; Red spider mite	abamectin	EC	18 g/l	Avemit	7783		Plaaskem
Apples & Pears	European red mite; Red spider mite	abamectin	EC	18 g/l	Biomectin	7979		Villa Crop Protection
Apples & Pears	European red mite; Red spider mite	abamectin	EC	18 g/l	Makhromectin	7941		Makhro-Agro SA
Apples & Pears	European red mite; Red spider mite	abamectin	EC	18 g/l	Mect	7008		Plaaskem
Apples & Pears	European red mite; Red spider mite	abamectin	EC	18 g/l	Mitemex	7417		Small Pack Solution
Apples & Pears	European red mite; Red spider mite	abamectin	EC	18 g/l	Miticide	8501		Kombat
Apples & Pears	European red mite; Red spider mite	abamectin	EC	18 g/l	Sanamectin 18 EC	5928		Dow AgroSciences SA
Apples & Pears	European red mite; Red spider mite	abamectin	EC	18 g/l	Unimectin 18 EC	7978		Universal Crop Protection
Apples & Pears	European red mite; Red spider mite	abamectin	EC	36 g/l	Zoro 36 EC	8712		Cheminova
Apples & Pears	European red mite; Red spider mite	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Apples & Pears	Codling moth	abamectin/chlorantraniliprole	SC	18/45 g/l	Voliam Targo	8545		Syngenta SA
Apples & Pears	African bollworm; Antestia bug; Codling moth; Fruit nibbler; Leafroller; Weevil	acephate	SP	750 g/kg	Ace 750 SP	4175		Nulandis
Apples & Pears	African bollworm; Antestia bug; Codling moth; Fruit nibbler; Leafroller; Weevil	acephate	SP	750 g/kg	Acephate 750 SP	6473		Universal Crop Protection
Apples & Pears	African bollworm; Antestia bug; Codling moth; Fruit nibbler; Leafroller; Weevil	acephate	SP	750 g/kg	Acephate 750 SP	7181		Villa Crop Protection
Apples & Pears	African bollworm; Antestia bug; Codling moth; Fruit nibbler; Leafroller; Weevil	acephate	SP	750 g/kg	Bitrad Acephate	7013		Bitrad Consulting
Apples & Pears	African bollworm; Antestia bug; Codling moth; Fruit nibbler; Leafroller; Weevil	acephate	SP	750 g/kg	Gremlin 75 SP	8130		Volcano Agrosciences
Apples & Pears	African bollworm; Antestia bug; Codling moth; Fruit nibbler; Leafroller; Weevil	acephate	SP	750 g/kg	Orthene	190		Volcano Agroscience /ta Arysta LS
Apples & Pears	African bollworm; Antestia bug; Banded fruit weevil; Codling moth; Fruit nibbler; Leaf rollers	acephate	SP	750 g/kg	Racet 750 SP	5607		Rotam RSA
Apples & Pears	Codling moth; Mealy bug	acetamiprid	SP	200 g/kg	Acetamiprid 200 SP	9348		Sharda International Africa CC
Apples & Pears	Codling moth; Mealy bug	acetamiprid	SP	200 g/kg	Magnitude 200 SP	9226		Universal Crop Protection
Apples & Pears	Codling moth; Mealybug	acetamiprid	SP	200 g/kg	Maintain 200 SP	9225		Villa Crop Protection
Apples & Pears	Codling moth; Mealybug	acetamiprid	SP	200 g/kg	Mospilan 20 SP	5899		Mitsui & Co.
Apples & Pears	Codling moth; Mealy bug	acetamiprid	SP	200 g/kg	Tamprid	9582		Meridian Agrochemical Co.
Apples & Pears	Codling moth; Mealy bug	acetamiprid	WG	200 g/kg	Devalan 20 SP	9492		DVA Chemicals SA
Apples & Pears	Codling moth; Mealybug	acetamiprid	WG	200 g/kg	Mospilan 20	8192		Mitsui & Co.
Apples & Pears	Codling moth; Mealy bugs	acetamiprid/novaluron	EC	80/100 g/l	Cormoran 180 EC	9480		Makhteshim-Agan SA

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Apples & Pears	African bollworm; Codling moth; Leaf roller; Weevil	alpha-cypermethrin	EC	100 g/l	Fastac EC	4991		BASF South Africa
Apples & Pears	African bollworm; Codling moth; Leafroller; Weevil	alpha-cypermethrin	EC	100 g/l	Magnum Super EC	6679		Technichem
Apples & Pears	African bollworm; Codling moth; Leaf roller; Weevil	alpha-cypermethrin	EC	100 g/l	Sentry EC	7966		Volcano Agrosience /ta Arysta LS
Apples & Pears	African bollworm; Codling moth; Leafroller; Weevils	alpha-cypermethrin	SC	100 g/l	Alpha-thrin 100 SC	7425		Villa Crop Protection
Apples & Pears	African bollworm; Codling moth; Leafroller; Weevils	alpha-cypermethrin	SC	100 g/l	Avalanche	6807		Klub M5
Apples & Pears	African bollworm; Codling moth; Leafroller; Weevil	alpha-cypermethrin	SC	100 g/l	Fastac SC	4992		BASF South Africa
Apples & Pears	African bollworm; Banded fruit weevil; Codling moth; Leafrollers	alpha-cypermethrin	SC	100 g/l	Magnum Super SC	7816		Technichem Crop Protection
Apples & Pears	African bollworm; Codling moth; Leafroller; Weevils	alpha-cypermethrin	SC	100 g/l	Polytrin Super 100 SC	7262		Universal Crop Protection
Apples & Pears	African bollworm; Aphids; Codling moth; European red mite; Fruit fly; Red mite; Weevil	azadirachtin	EC	1,5 g/l	Bioneem	6958		Biogrow Chemicals
Apples & Pears	Codling moth	azadirachtin	EC	12 g/l	NeemAzal	7840		Klub M5
Apples & Pears	Bryobia mite; Codling moth	azinphos-methyl	SC	200 g/l	Azinphos 200 SC	5588		Adama SA
Apples & Pears	Bryobia mite; Codling moth	azinphos-methyl	WP	350 g/kg	Azinphos 350 WP	4851		Adama SA
Apples & Pears	African bollworm	Bacillus thuringiensis var kurstaki	WG	32 000 IU/mg	Kirshhoffs Margaret Roberts Dipel Biological Cater	7112		Ball Straathof
Apples & Pears	Codling moth	Bacillus thuringiensis var kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Apples & Pears	African bollworm; Leafrollers	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Apples & Pears	Weevils	Beauveria bassiana	WP	>320 x 10(7) cfu	Bio-Insek	8466		Agro Organics
Apples & Pears	European red mite; Red spider mite	benzoximate/cyhexatin	SC	115/115 g/l	Mitrazon	4447		Sipcam South Africa
Apples & Pears	African bollworm; Codling moth; Leafroller; Weevils	beta-cypermethrin	EC	100 g/l	Akito	6709		Cropserve/Arysta Lifescience SA
Apples & Pears	European red mite; Red spider mite	bifenthrin	SC	80 g/l	Seizer 80 SC	7580		Makhteshim-Agan SA
Apples & Pears	Nematodes	cadusafos	EW	100 g/l	Hockey 100 EW	9123		Universal Crop Protection
Apples & Pears	Nematodes	cadusafos	EW	100 g/l	Rugby 10 ME	6368		FMC
Apples & Pears	Nematodes	cadusafos	EW	100 g/l	Soccer 10 EW	9122		Villa Crop Protection
Apples & Pears	Nematodes	cadusafos	GR	100 g/kg	Rugby 10 G	4110		FMC SA
Apples & Pears	Codling moth; Leaf rollers; Bud mite; Mealybugs	carbaryl	SC	480g/l	Sevin XLR Plus	5783		Universal Crop Protection
Apples & Pears	Bud mite; Codling moth; Leaf roller; Mealybug	carbaryl	WP	850 g/kg	Carbaryl	3250		Kombat
Apples & Pears	Bud mite; Codling moth; Leaf roller; Mealybug	carbaryl	WP	850 g/kg	Carbaryl 850 WP	7626		Universal Crop Protection
Apples & Pears	Bud mite; Codling moth; Leafrollers; Mealybug	carbaryl	WP	850 g/kg	Karba 850 WP	1195		Villa Crop Protection
Apples & Pears	Codling moth	carbaryl	WP	850 g/kg	Karbaspray	2569		Agro-Serve t/a Efekto
Apples & Pears	Bud mite; Codling moth; Leaf rollers; Mealybugs	carbaryl	WP	850 g/kg	Kombat Karbacure	3243		Kombat

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Apples & Pears	African bollworm; Codling moth	chlorantraniliprole	WG	350 g/kg	Altacor	8467	14 days	Du Pont de Nemours Int SA
Apples & Pears	Red spider mite; Thrips; Weevil	chlorfenapyr	SC	240 g/l	Hunter 24 SC	8307		BASF South Africa
Apples & Pears	Banded fruit weevil; Red spider mite; Thrips	chlorfenapyr	SC	360 g/l	Nova Fenapyr 360 SC	9952		AgriNova Trust
Apples & Pears	Banded fruit weevil; Thrips	chlorfenapyr	SC	360 g/l	Plumett	9860		Meridian Agrochemical Co.
Apples & Pears	Red spider mite; Thrips; Weevil	chlorfenapyr	SC	360 g/l	Saber 360 SC	8534		Universal Crop Protection
Apples & Pears	Red spider mite; Thrips; Weevil	chlorfenapyr	SC	360 g/l	Savage 360 SC	8533		Villa Crop Protection
Apples & Pears	Banded fruit weevil; Red spider mite; Thrips	chlorfenapyr	SC	360 g/l	Sergeant	9876		Arysta Lifescience SA
Apples & Pears	Nematodes	chloropicrin	AL	1656 g/l	Tripicrin	8306		Nippon Africa Chemicals
Apples & Pears	Mealy bug; Pernicious scale; Red scale; Woolly aphid	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Apples & Pears	Mealy bug; Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Agropyrifos 480 EC	4888		Arysta Lifescience SA
Apples & Pears	Aphids; Mealy bug; Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Avi-Klorpirifos	4318	30 days	Avima
Apples & Pears	Mealybugs; Pernicious scale; Red scale; Woolly aphid	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	5417		Makhteshim-Agan SA
Apples & Pears	Mealy bug; Pernicious scale; Red scale; Woolly aphid	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6272		Arysta Lifescience SA
Apples & Pears	Mealybug; Pernicious scale; Red scale; Woolly aphid	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6350		Universal Crop Protection
Apples & Pears	Mealy bug; Pernicious scale; Red scale; Woolly aphid	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	7183		Villa Crop Protection
Apples & Pears	Mealy bug; Pernicious scale; Woolly aphid	chlorpyrifos	EC	480 g/l	Chlorpyrifos EC	5867		Cropchem
Apples & Pears	Pernicious scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos	10017		Meridian Agrochemical Co.
Apples & Pears	Mealy bug; Pernicious scale; Woolly aphid	chlorpyrifos	EC	480 g/l	Dursban 480 EC	5225		Dow AgroSciences SA
Apples & Pears	Mealy bug; Pernicious scale; Red scale; Woolly aphid	chlorpyrifos	EC	480 g/l	Lirifos 480 EC	4883		Gouws & Scheepers (Nulandis)
Apples & Pears	Mealy bugs; Pernicious scale; Red scale; Woolly aphid	chlorpyrifos	EC	480 g/l	Makhrofos 480 EC	7973		Makhro-Agro SA
Apples & Pears	Mealy bug; Pernicious scale; Red scale; Woolly aphid	chlorpyrifos	EC	480 g/l	Pyrifos 480 EC	6397		Applied Agricultural Products (Nulandis)
Apples & Pears	Mealy bugs; Pernicious scale; Red scale; Woolly aphid	chlorpyrifos	EC	480 g/l	Pyrinex 480 EC	4673		Adama SA
Apples & Pears	Mealy bugs; Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Rochlop 480 EC	5905		Rotam RSA
Apples & Pears	African bollworm; Aphids; Mealy bug; Pernicious scale; Red spider mite; Woolly aphid	chlorpyrifos	WG	750 g/kg	Dursban 750 WG	6589	40 days	Dow AgroSciences SA
Apples & Pears	European red mite; Red spider mite	clofentezine	SC	500 g/l	Apollo SC	3188		Makhteshim-Agan SA
Apples & Pears	Codling moth	codling moth granulosus virus	SC	265 g/l	Carpovirusine	7275		Groenewald WJ
Apples & Pears	Codling moth	codling moth granulosus virus	SC	265 g/l	Carpovirusine	8226		Volcano Agroscience /ta Arysta LS
Apples & Pears	Codling moth; Oriental fruit moth	Cydia pomonella granulosus virus	SC	3x10(10)	Madex Twin	9781		Madumbi Sustainable Agriculture
Apples & Pears	Codling moth	Cydia pomonella granulosus virus	SC	3x10(13) OBs/ml	Madex	7950		Madumbi Sustainable Agriculture

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Apples & Pears	Codling moth	Cydia pomonella granulosis virus	SC		Gracyd	9039		Chempac
Apples & Pears	Codling moth	Cydia pomonella granulosis virus	SC		Granupom	8730		Chempac
Apples & Pears	European red mite; Red spider mite	cyhexatin	SC	600 g/l	Acarstin Flo	4165		Sipcam South Africa
Apples & Pears	European red mite; Red spider mite	cyhexatin	SC	600g/l	Triran FA	5481		Viking Distribuors
Apples & Pears	African bollworm; Codling moth; Leaf rollers; Weevil	cypermethrin	EC	20 g/l	Fruitfly	3343		Kombat
Apples & Pears	African bollworm; Codling moth; Leafrollers; Weevil	cypermethrin	EC	20 g/l	Garden Ripcord	3666		Agro-Serve t/a Efekto
Apples & Pears	African bollworm; Codling moth; Leafrollers; Weevil	cypermethrin	EC	200 g/l	Avi-Sipermetrin EC	3980		Avima
Apples & Pears	African bollworm; Codling moth; Semi-looper; Weevil	cypermethrin	EC	200 g/l	Bitrad Cypermethrin	7014		Bitrad Consulting
Apples & Pears	African bollworm; Codling moth; Weevils	cypermethrin	EC	200 g/l	Chanrai Cypermethrin 200 EC	8843		Chanrai SA
Apples & Pears	African bollworm; Codling moth; Leafroller; Weevils	cypermethrin	EC	200 g/l	Cyperin 200 EC	5321		Nulandis
Apples & Pears	African bollworm; Codling moth; Leafroller; Weevils	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4069		Agro-Serve t/a Efekto
Apples & Pears	African bollworm; Codling moth; Leafroller; Weevils	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4644		Universal Crop Protection
Apples & Pears	African bollworm; Codling moth; Leafrollers; Weevil	cypermethrin	EC	200 g/l	Doodskoot EC	3285		WPK Landbou
Apples & Pears	African bollworm; Codling moth; Leafroller; Weevils	cypermethrin	EC	200 g/l	Farmag Cypermethrin	3207		Castle Ag-Chem
Apples & Pears	African bollworm; Codling moth; Leafrollers; Weevil	cypermethrin	EC	200 g/l	Kemprin 200 EC	3145		Arysta Lifescience SA /Protek
Apples & Pears	African bollworm; Codling moth; Leafroller; Weevils	cypermethrin	EC	200 g/l	Polytrin 200 EC	5409		Villa Crop Protection
Apples & Pears	African bollworm; Codling moth; Leaf rollers; Weevil	cypermethrin	EC	200 g/l	Sipermetrien	4889		Arysta Lifescience SA /Protek
Apples & Pears	African bollworm; Antestia bug; Codling moth; Weevil	deltamethrin	AL	60 mg/l	Servus RTU	8420		Makhro-Agro SA
Apples & Pears	African bollworm; Antestia bug; Codling moth; Weevil	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Apples & Pears	African bollworm; Antestia bug; Codling moth; Weevil	deltamethrin	EC	25 g/l	Celtis 25 EC	7965		Volcano Agrosience /ta Arysta LS
Apples & Pears	African bollworm; Antestia bug; Codling moth; Weevil	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7263		Universal Crop Protection
Apples & Pears	African bollworm; Antestia bug; Codling moth; Weevil	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Apples & Pears	African bollworm; Antestia bug; Codling moth; Weevil	deltamethrin	EC	25 g/l	Deltis 2,5% EC	6511		Almond Agro Chemicals (Pty Ltd
Apples & Pears	African bollworm; Antestia bug; Codling moth; Weevil	deltamethrin	EC	25 g/l	Servus	7271		Adama SA
Apples & Pears	Aphids; Bryobia mite; Woolly aphid	demeton-S-methyl	EC	250 g/l	Demeton EC	4852		Universal Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Apples & Pears	Aphids; Bryobia mite; Woolly aphid	demeton-S-methyl	EC	250 g/l	Demeton-S-Methyl	4508		Cropchem
Apples & Pears	Aphids; Bryobia mite; Woolly mite	demeton-S-methyl	EC	250 g/l	Demetox EC	2057		Avima
Apples & Pears	Aphids; Bryobia mite; Red spider mite	diazinon	EC	275 g/l	Diazinon	4550		Gulf Chemicals t/a Arysta Lifescience SA
Apples & Pears	Aphids; Bryobia mite; Red spider mite	diazinon	EC	275 g/l	Diazinon 275 EC	4941		Avima
Apples & Pears	Aphids; Bryobia mite; Mealy bug; Woolly aphid	dimethoate	EC	400 g/l	Aphicide	528		Agro-Serve t/a Efekto
Apples & Pears	Aphids; Bryobia mite; Mealy bug; Woolly aphid	dimethoate	EC	400 g/l	Danadim Progress	8868		Cheminova (Disa Bio-Technologies CC)
Apples & Pears	Aphids; Bryobia mite; Mealy bug; Woolly aphid	dimethoate	EC	400 g/l	Dimethoate	4823		Wenkem
Apples & Pears	Aphids; Bryobia mite; Mealy bug; Woolly aphid	dimethoate	EC	400 g/l	Dimethoate	7059		Volcano Agrosociences
Apples & Pears	Aphids; Bryobia mite; Mealy bug; Woolly aphid	dimethoate	EC	400 g/l	Dimethoate	8455		Universal Crop Protection
Apples & Pears	Aphids; Bryobia mite; Fruit fly; Mealy bug; Woolly aphid	dimethoate	EC	400 g/l	Dimethoate EC	5367		Tsunami Plant Protection /ta Arysta LS
Apples & Pears	Aphids; Bryobia mite; Mealy bug; Woolly aphid	dimethoate	EC	400 g/l	Dimethoate EC	7940		Makhro-Agro SA
Apples & Pears	Bryobia mite; Mealy bugs; Woolly aphid	dimethoate	EC	400 g/l	Dimeto 40 EC	1042		Avima
Apples & Pears	Aphids; Bryobia mite; Mealy bug; Woolly aphid	dimethoate	EC	400 g/l	Genoate EC	8195		Villa Crop Protection
Apples & Pears	Codling moth	emamectin benzoate	EW	20 g/l	Promec 20 EW	9729	28 days	Meridian Agrochemical Co.
Apples & Pears	Codling moth	emamectin benzoate	WG	50 g/kg	Emma	9022	21	Arysta Lifescience SA
Apples & Pears	Codling moth	emamectin benzoate	WG	50 g/kg	Proclaim	7581		Syngenta SA
Apples & Pears	Codling moth	emamectin benzoate	WG	50 g/kg	Vitex 50	9525	21 days	Meridian Agrochemical Co.
Apples & Pears	African bollworm; Codling moth; Weevils	esfenvalerate	EC	200 g/l	Sumi-Alpha 200 EC	6452		Philagro South Africa
Apples & Pears	African bollworm; Codling moth; Weevils	esfenvalerate	EC	50 g/l	Sumicidin Super	6381		Philagro South Africa
Apples & Pears	African bollworm; Banded fruit weevil; Codling moth	esfenvalerate	EW	200 g/l	Sumi-Alpha 200 EW	8821		Philagro South Africa
Apples & Pears	Bryobia mite; European red mite; Red spider mite	etoxazole	SC	100 g/l	Rose Spider Mite	6943		Ball Straathof
Apples & Pears	European red mite; Red spider mite	etoxazole	SC	100 g/l	Smite	6011		Philagro South Africa
Apples & Pears	European red mite; Red spider mite	fenazaquin	SC	200 g/l	Pride 200 SC	5220		Klub M5
Apples & Pears	European red mite; Red spider mite	fenazaquin	SC	200 g/l	Superior 200 SC	9517		Universal Crop Protection
Apples & Pears	European red mite; Red spider mite	fenazaquin	SC	200 g/l	Vanity 200 SC	9516		Villa Crop Protection
Apples & Pears	European red mite; Red spider mite	fenbutatin oxide	SC	550 g/l	Torque SC	4929		BASF South Africa
Apples & Pears	Bryobia mite; Codling moth	fenthion	EC	500 g/l	Fenthion 500	6430		RT Chemicals
Apples & Pears	Bryobia mite; Codling moth	fenthion	EC	500 g/l	Fruitcare	9204		Starplex 83 CC
Apples & Pears	Bryobia mite; Codling moth; Fruit fly	fenthion	EC	500 g/l	Grab 500 EC	5616		Gouws & Scheepers (Nulandis)
Apples & Pears	Codling moth; Fruit fly	fenthion	EC	500 g/l	Lebaycid 500 EC	1270		Bayer
Apples & Pears	Codling moth; Weevil	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	4187		Universal Crop Protection
Apples & Pears	Codling moth; Weevil	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	4603		Avima
Apples & Pears	Codling moth; Weevil	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	7185		Villa Crop Protection
Apples & Pears	Codling moth; European red mite; Red spider mite	flufenoxuron	DC	100 g/l	Cascade DC	5206	75 days	BASF South Africa
Apples & Pears	Codling moth; European red mite; Red spider mite	flufenoxuron	DC	100 g/l	Pitch 100 DC	8516		Villa Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Apples & Pears	Codling moth; European red mite; Red spider mite	flufenoxuron	DC	100 g/l	Torrent 100 DC	8515		Universal Crop Protection
Apples & Pears	Codling moth; European red mite; Red spider mite	flufenoxuron	WS	100 g/l	Qatar DC	8915		Globachem NV (Disa Bio-Technologies CC)
Apples & Pears	Thrips	formetanate	SP	500 g/kg	Dicarzol	8082		Klub M5
Apples & Pears	African bollworm; Codling moth; Weevil	gamma-cyhalothrin	CS	60 g/l	Vantex 60 CS	7227		Cheminova (Disa Bio-Technologies CC)
Apples & Pears	Codling moth; Weevil	Heterorhabditis bacteriophora	WP	5x10(7) ljs/sachet	Cryptonem	9251		River Bioscience
Apples & Pears	Woolly aphid	imidacloprid	SC	350 g/l	Apache 350 SC	9457		Cedar Falls Properties 130
Apples & Pears	Woolly aphid	imidacloprid	SC	350 g/l	Apache Gold 350 SC	9398		Castle Ag-Chem
Apples & Pears	Woolly aphid	imidacloprid	SC	350 g/l	Bandit 350 SC	8001		Arysta Lifescience SA
Apples & Pears	Woolly aphid	imidacloprid	SC	350 g/l	Confidor 350 SC	5691		Bayer
Apples & Pears	Woolly aphid	imidacloprid	SC	350 g/l	Cyrus SC	9731		Meridian Agrochemical Co.
Apples & Pears	Woolly aphid	imidacloprid	SC	350 g/l	Imidacloprid 350 SC	8442		Sharda International Africa CC
Apples & Pears	Woolly aphid	imidacloprid	SC	350 g/l	Kohinor 350 SC	8447		Adama SA
Apples & Pears	Woolly aphid	imidacloprid	SC	350 g/l	Koinor 350 SC	8117		Makhro-Agro SA
Apples & Pears	Woolly aphid	imidacloprid	SC	350 g/l	Provado 350 SC	7740		Bayer
Apples & Pears	Woolly aphid	imidacloprid	SC	350 g/l	Starbug	8008		Erintrade CC t/a R.T. Chemicals
Apples & Pears	Woolly aphid	imidacloprid	SC	350 g/l	Warrant 350 SC	7729		Cheminova
Apples & Pears	Woolly aphid	imidacloprid	WG	700 g/kg	Cast 700 WDG	9184		Universal Crop Protection
Apples & Pears	Woolly aphid	imidacloprid	WG	700 g/kg	Confidor 70 WG	7240		Bayer
Apples & Pears	Woolly aphid	imidacloprid	WG	700 g/kg	Cyrus WG	9483		Meridian Agrochemical Co.
Apples & Pears	Woolly aphid	imidacloprid	WG	700 g/kg	Emit 700 WDG	9183		Villa Crop Protection
Apples & Pears	Woolly aphid	imidacloprid	WG	700 g/kg	Warrant 70 WG	8454		Cheminova
Apples & Pears	Banded fruit weevil; Codling moth	indoxacarb	SC	300 g/l	Doxstar Flo	9884	28 days	Meridian Agrochemical Co.
Apples & Pears	Banded fruit weevil; Codling moth	indoxacarb	WG	300 g/kg	Indo 300 WDG	9025		Crop Asure
Apples & Pears	Codling moth; Weevil	indoxacarb	WG	300 g/kg	Margin 300 WDG	9009		Villa Crop Protection
Apples & Pears	Codling moth; Weevil	indoxacarb	WG	300 g/kg	Session 300 WDG	9010		Universal Crop Protection
Apples & Pears	African bollworm; Codling moth; Weevils	indoxacarb	WG	300 g/kg	Steward	6332	28 days	Du Pont de Nemours Int SA
Apples & Pears	Banded fruit weevil; Codling moth	indoxacarb/novaluron	SC	240/80 g/l	Plemax	10246	28	Adama SA
Apples & Pears	African bollworm; Codling moth; Weevil	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Apples & Pears	African bollworm; Codling moth	lambda-cyhalothrin	CS	50 g/l	Karis 5 CS	9267		GAT Microencapsulation SA
Apples & Pears	African bollworm; Codling moth; Weevil	lambda-cyhalothrin	EC	50 g/l	Judo 50 EC	7785		Villa Crop Protection
Apples & Pears	African bollworm; Codling moth; Weevil	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Apples & Pears	African bollworm; Codling moth; Weevil	lambda-cyhalothrin	EC	50 g/l	Lambda 50 EC	7787		Universal Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Apples & Pears	African bollworm; Codling moth; Weevils	lambda-cyhalothrin	EC	50 g/l	Lambda EC	8546		Arysta Lifescience SA
Apples & Pears	African bollworm; Codling moth; Weevil	lambda-cyhalothrin	EC	50 g/l	Makhrolam 5 EC	8141		Makhro-Agro SA
Apples & Pears	African bollworm; Codling moth; Weevil	lambda-cyhalothrin	EC	50g/l	Lamdex 5 EC	7578		Adama SA
Apples & Pears	Codling moth; Weevil	lambda-cyhalothrin	EW	50 g/l	Lambada Aquamul	9583		Meridian Agrochemical Co.
Apples & Pears	Aphids; Bryobia mite; Fruit fly; Mealy bug; Woolly aphid	mercaptotion	EC	500 g/l	Datathion 500 EC	828		Nulandis
Apples & Pears	Aphids; Bryobia mite; Mealy bug; Woolly aphid	mercaptotion	EC	500 g/l	Malasol	1353		Agro-Serve t/a Efekto
Apples & Pears	Aphids; Bryobia mite; Mealy bug; Woolly aphid	mercaptotion	EC	500 g/l	Malathion 50% EC	4235		Agro-Serve t/a Efekto
Apples & Pears	Aphids; Bryobia mite; Mealy bug; Woolly aphid	mercaptotion	EC	500 g/l	Mercaptotion 500 EC	4394		Dow AgroSciences SA
Apples & Pears	Aphids; Bryobia mite; Mealy bug; Woolly aphid	mercaptotion	EW	440 g/l	Fyfanon 440 EW	9484		Cheminova
Apples & Pears	Bryobia mite; Woolly aphid	mercaptotion	WP	250 g/kg	Avi Merkaptotoks	3031		Avima
Apples & Pears	Pernicious scale	methidathion	EC	420 g/l	Arythion 420 EC	9388		Arysta Lifescience SA
Apples & Pears	Pernicious scale	methidathion	EC	420 g/l	Methidathion 420 EC	7583		Universal Crop Protection
Apples & Pears	Pernicious scale	methidathion	EC	420 g/l	Methidathion 420 EC	7584		Villa Crop Protection
Apples & Pears	Pernicious scale	methidathion	EC	420 g/l	Suprathion 420 EC	5439		Adama SA
Apples & Pears	Bryobia mite; Codling moth; Grey scale; Mealy bug; Pernicious scale; Red scale; Woolly aphid	methidathion	WP	200 g/kg	Suprathion 200 WP	6334		Makhteshim-Agan SA
Apples & Pears	Codling moth	methoxyfenozide	SG	240 g/l	Clarity	9128		Meridian Agrochemical Co.
Apples & Pears	Codling moth	methoxyfenozide	SC	240 g/l	Runner 240 SC	7779		Dow AgroSciences SA
Apples & Pears	European red mite; Red spider mite	milbemectin	EC	10 g/l	Milbeknock 1% EC	6654		Sumitomo Corporation/Protek
Apples & Pears	Aphids; Bryobia mite; Mealy bug; Pernicious scale; Red scale; Red spider mite; Woolly aphid	mineral oil (light medium)	EC	720 g/l	Oleum	3575		Agro-Serve t/a Efekto
Apples & Pears	Codling moth	novaluron	EC	100 g/l	React 100 EC	9155		Villa Crop Protection
Apples & Pears	Codling moth	novaluron	EC	100 g/l	Rimon 10 EC	6285		Adama SA
Apples & Pears	Codling moth	novaluron	EC	100 g/l	Rizon 100 EC	9156		Universal Crop Protection
Apples & Pears	Codling moth	parathion-methyl	CS	240 g/l	Penncap-M	5639		Total South Africa
Apples & Pears	Codling moth	parathion-methyl	CS	450 g/l	Droper 450 CS	6626		Cheminova
Apples & Pears	Woolly aphid	phorate	GR	100 g/kg	Forate GR	5930		Universal Crop Protection
Apples & Pears	Codling moth	phosmet	WP	500 g/kg	Imidan	6627		Klub M5
Apples & Pears	Codling moth	phosmet	WP	500 g/kg	Imidan	6627		Klub M5
Apples & Pears	Aphids	pirimicarb	WG	500 g/kg	Apex 500 WDG	8475		Villa Crop Protection
Apples & Pears	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Apples & Pears	Aphids	pirimicarb	WG	500 g/kg	Unipex 500 WDG	8474		Universal Crop Protection
Apples & Pears	Pernicious scale	polysulphide sulphur	SL	320 g/l	Ciplapol S 320	6429		Cipla Agricare
Apples & Pears	Budmite; Grey scale; Mealybug; Pernicious scale; Red scale; Woolly aphid	polysulphide sulphur	SL	320 g/l	Lime Sulphur	4230		Agro-Serve t/a Efekto
Apples & Pears	Pernicious scale	polysulphide sulphur	SL	320 g/l	Lime Sulphur	7686		Delta Chemicals
Apples & Pears	European red mite; Red spider mite	propargite	EC	590 g/l	Omite EC	1796		Crompton Chemical

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Apples & Pears	European red mite; Red spider mite	propargite	WP	300 g/kg	Omite 30 SP	1578		Chemtura
Apples & Pears	Greyscale; Mealybug; Pernicious scale	prothiophos	EC	960 g/l	Tokuthion 960 EC	924		Volcano Agrosience /ta Arysta LS
Apples & Pears	African bollworm; Codling moth; Weevil	spinetoram	WG	250 g/l	Delegate 250 WG	8392		Dow AgroSciences SA
Apples & Pears	African bollworm; Thrips	spinosad	SC	480 g/l	Tracer 480 SC	6557		Dow AgroSciences SA
Apples & Pears	African bollworm; Thrips	spinosad	WP	800 g/kg	Entrust Naturalyte 800 WP	7389		Dow AgroSciences SA
Apples & Pears	Mealybug; Woolly aphid	sulfoxaflor	SC	240 g/l	Closer 240 SC	9694	7	Dow AgroSciences SA
Apples & Pears	Budmite	sulfur	SC	700 g/l	Flowable Sulphur	142		Applied Chemical Products (Nulandis)
Apples & Pears	Bud mite	sulfur	SC	800 g/l	Eco Fungimite	8756		Agro-Serve t/a Efekto
Apples & Pears	Bud mite; Scab	sulfur	SC	800 g/l	Sulfomaxx	9941		Ag-Chem Africa
Apples & Pears	Bud mite	sulfur	SC	800 g/l	SulfoStar	6982		Ag-Chem Africa
Apples & Pears	Bud mite	sulfur	WG	800 g/kg	Cosavet	6355		Sulphur Chemical Mills
Apples & Pears	Bud mite	sulfur	WG	800 g/kg	Kumulus WG	2404		BASF South Africa
Apples & Pears	Bud mite	sulfur	WG	800 g/kg	Microthiol Special	5329		Total South Africa
Apples & Pears	Bud mite	sulfur	WG	800 g/kg	Striker	6628		Chempac
Apples & Pears	Bud mite	sulfur	WG	800 g/kg	Sulgran	5727		Sunwood Chemicals
Apples & Pears	Bud mite	sulfur	WG	800 g/kg	Sulphur WDG	6045		Kenchem Trading
Apples & Pears	Bud mite	sulfur	WP	800 g/kg	Wettable Sulphur	6933		Sunwood Chemicals
Apples & Pears	African bollworm; Antestia bug; Codling moth; Fruit nibbler	tau-fluvalinate	EW	240 g/l	Klartan 240 EW	5096		Adama SA
Apples & Pears	Red spider mite	tetradifon	EC	81 g/l	Tedion V-18 EC	5482		Crompton Chemical
Apples & Pears	Red spider mite	tetradifon	EC	81 g/l	Redspidercide	4220		Agro-Serve t/a Efekto
Apples & Pears	Red spider mite	tetradifon	EC	81 g/l	Tedion EC	926		Avima
Apples & Pears	Red spider mite	tetradifon	EC	81 g/l	Tedion V-18	3236		Applied Agricultural Products (Plaaskem)
Apples & Pears	Codling moth	thiacloprid	SC	480 g/l	Ag-Thiacloprid 480 SC	8476		Ag-Chem Africa
Apples & Pears	Codling moth	thiacloprid	SC	480 g/l	Alanto	8389		Bayer
Apples & Pears	Codling moth	thiacloprid	SC	480 g/l	Calypso 480 SC	6763		Bayer
Apples & Pears	Codling moth	thiacloprid	SC	480 g/l	Compare 480 SC	9121		Universal Crop Protection
Apples & Pears	Codling moth	thiacloprid	SC	480 g/l	Consult 480 SC	9120		Villa Crop Protection
Apples & Pears	Codling moth	thiacloprid	SC	480 g/l	Topstar	8375	14 days	Meridian Agrochemical Co.
Apples & Pears	Woolly aphid	thiamethoxam	SC	240 g/l	Actara SC	7207	119 days	Syngenta SA
Apples & Pears	Woolly aphid	thiamethoxam	SC	240 g/l	Sayonara	9384		Meridian Agrochemical Co.
Apples & Pears	Woolly aphid	thiamethoxam	WG	250 g/kg	Devaxam 250 WG	9333		DVA Chemicals SA
Apples & Pears	Woolly aphid	thiamethoxam	WG	250 g/kg	Thiamex 25 WG	9207		Arysta Lifescience SA
Apples & Pears	Woolly aphid	thiamethoxam	WG	250 g/kg	Thiatox 250 WDG	9190		Villa Crop Protection
Apples & Pears	Woolly aphid	thiamethoxam	WG	250 g/kg	Thixam 250 WDG	9191		Universal Crop Protection
Apples & Pears	Codling moth	triflumuron	SC	480 g/l	Triflumuron 480	6862		RT Chemicals

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Apples & Pears	African bollworm; Codling moth; Leafrollers; Weevil	zeta-cypermethrin	EW	100 g/l	Fury 10 EW	6696		FMC
Apricots	European red mite; Red spider mite	abamectin	SC	84 g/l	Agriec Gold	9235		Syngenta SA
Apricots	African bollworm; Aphids; Codling moth; European red mite; Fruit fly; Red mite; Weevil	azadirachtin	EC	1,5 g/l	Bioneem	6958		Biogrow Chemicals
Apricots	Bryobia mite; Codling moth	azinphos-methyl	SC	200 g/l	Azinphos 200 SC	5588		Adama SA
Apricots	Codling moth	azinphos-methyl	WP	350 g/kg	Azinphos 350 WP	4851		Adama SA
Apricots	Codling moth; False codling moth	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Apricots	African bollworm	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Apricots	False codling moth	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Apricots	Nematodes	cadusafos	EW	100 g/l	Hockey 100 EW	9123		Universal Crop Protection
Apricots	Nematodes	cadusafos	EW	100 g/l	Rugby 10 ME	6368		FMC
Apricots	Nematodes	cadusafos	EW	100 g/l	Soccer 10 EW	9122		Villa Crop Protection
Apricots	Nematodes	cadusafos	GR	100 g/kg	Rugby 10 G	4110		FMC SA
Apricots	Mealybug	carbaryl	WP	850 g/kg	Carbaryl	3250		Kombat
Apricots	Mealybug	carbaryl	WP	850 g/kg	Carbaryl 850 WP	7626		Universal Crop Protection
Apricots	Mealybug	carbaryl	WP	850 g/kg	Karba 850 WP	1195		Villa Crop Protection
Apricots	Mealybug	carbaryl	WP	850 g/kg	Kombat Karbacure	3243		Kombat
Apricots	African bollworm; Antestia bug; Codling moth; False codling moth; Fruit piercing moths; Fruitflies; Leafrollers; Stink bugs; Thrips	chlorantraniliprole/lambda-cyhalothrin	OS	100/50 g/l	Ampligo	8685		Syngenta SA
Apricots	Pernicious scale; Red scale	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Apricots	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Agropyrifos 480 EC	4888		Arysta Lifescience SA
Apricots	Aphids; Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Avi-Klorpirifos	4318	30 days	Avima
Apricots	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	5417		Makhteshim-Agan SA
Apricots	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6272		Arysta Lifescience SA
Apricots	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6350		Universal Crop Protection
Apricots	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	7183		Villa Crop Protection
Apricots	Pernicious scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos EC	5867		Cropchem
Apricots	Pernicious scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos	10017		Meridian Agrochemical Co.
Apricots	Pernicious scale	chlorpyrifos	EC	480 g/l	Dursban 480 EC	5225		Dow AgroSciences SA
Apricots	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Lirifos 480 EC	4883		Gouws & Scheepers (Nulandis)
Apricots	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Makhrofos 480 EC	7973		Makhro-Agro SA
Apricots	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Pyrifos 480 EC	6397		Applied Agricultural Products (Nulandis)
Apricots	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Pyrinex 480 EC	4673		Adama SA
Apricots	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Rochlop 480 EC	5905		Rotam RSA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Apricots	African bollworm; Aphids; Mealy bug; Pernicious scale; Red spider mite	chlorpyrifos	WG	750 g/kg	Dursban 750 WG	6589	30 days	Dow AgroSciences SA
Apricots	Codling moth; Oriental fruit moth	Cydia pomonella granulosis virus	SC	3x10(10)	Madex Twin	9781		Madumbi Sustainable Agriculture
Apricots	Aphids; Bryobia mite	demeton-S-methyl	EC	250 g/l	Demeton EC	4852		Universal Crop Protection
Apricots	Aphids; Bryobia mite	demeton-S-methyl	EC	250 g/l	Demeton-S-Methyl	4508		Cropchem
Apricots	Aphids; Bryobia mite	demeton-S-methyl	EC	250 g/l	Demetox EC	2057		Avima
Apricots	Aphids; Bryobia mite; Red spider mite	diazinon	EC	275 g/l	Diazinon 275 EC	4941		Avima
Apricots	Fruit fly	fenthion	EC	500 g/l	Fenthion 500	6430		RT Chemicals
Apricots	Fruit fly	fenthion	EC	500 g/l	Fruitcare	9204		Starplex 83 CC
Apricots	Codling moth; Fruit fly	fenthion	EC	500 g/l	Grab 500 EC	5616		Gouws & Scheepers (Nulandis)
Apricots	Codling moth; Fruit fly	fenthion	EC	500 g/l	Lebaycid 500 EC	1270		Bayer
Apricots	African bollworm; Weevil	gamma-cyhalothrin	CS	60 g/l	Vantex 60 CS	7227		Cheminova (Disa Bio-Technologies CC)
Apricots	African bollworm; Weevils	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Apricots	African bollworm	lambda-cyhalothrin	CS	50 g/l	Karis 5 CS	9267		GAT Microencapsulation SA
Apricots	African bollworm	lambda-cyhalothrin	EC	50 g/l	Cylam 50 EC	8261		Gouws & Scheepers
Apricots	African bollworm; Weevil	lambda-cyhalothrin	EC	50 g/l	Judo 50 EC	7785		Villa Crop Protection
Apricots	African bollworm; Weevils	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Apricots	African bollworm; Weevils	lambda-cyhalothrin	EC	50 g/l	Lambda 50 EC	7787		Universal Crop Protection
Apricots	African bollworm; Weevil	lambda-cyhalothrin	EC	50 g/l	Lambda EC	8546		Arysta Lifescience SA
Apricots	African bollworm; Weevils	lambda-cyhalothrin	EC	50 g/l	Makhrolam 5 EC	8141		Makhro-Agro SA
Apricots	African bollworm; Banded fruit weevil	lambda-cyhalothrin	EC	50 g/l	Shamda 50 EC	10258		Sharda International Africa CC
Apricots	African bollworm; Weevil	lambda-cyhalothrin	EC	50g/l	Lamdex 5 EC	7578		Adama SA
Apricots	Aphids	mercaptotion	DP	50 g/kg	Malathion DP	5966		Agro-Serve t/a Efekto
Apricots	Aphids	mercaptotion	EC	500 g/l	Avi Gard	216		Avima
Apricots	Aphids; Bryobia mite; Fruit fly; Mealy bug	mercaptotion	EC	500 g/l	Datathion 500 EC	828		Nulandis
Apricots	Aphids	mercaptotion	EC	500 g/l	Kombat Garden Insects	4469		Kombat
Apricots	Aphids	mercaptotion	EC	500 g/l	Malathion	8317		Kombat
Apricots	Aphids; Bryobia mite; Mealy bug	mercaptotion	EC	500 g/l	Mercaptotion 500 EC	4394		Dow AgroSciences SA
Apricots	Aphids; Bryobia mite	mercaptotion	WP	250 g/kg	Avi Merkaptotoks	3031		Avima
Apricots	Pernicious scale	methidathion	EC	420 g/l	Arythion 420 EC	9388		Arysta Lifescience SA
Apricots	Pernicious scale	methidathion	EC	420 g/l	Methodathion 420 EC	7583		Universal Crop Protection
Apricots	Pernicious scale	methidathion	EC	420 g/l	Methodathion 420 EC	7584		Villa Crop Protection
Apricots	Pernicious scale	methidathion	EC	420 g/l	Suprathion 420 EC	5439		Adama SA
Apricots	Bryobia mite; Grey scale; Mealy bug; Pernicious scale; Red scale	methidathion	WP	200 g/kg	Suprathion 200 WP	6334		Makhteshim-Agan SA
Apricots	Aphids; Bryobia mite; Mealy bug; Pernicious scale; Red scale; Red spider mite	mineral oil (light medium)	EC	720 g/l	Oleum	3575		Agro-Serve t/a Efekto

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Apricots	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Apricots	Pernicious scale	polysulphide sulphur	SL	320 g/l	Ciplapol S 320	6429		Cipla Agricare
Apricots	Greyscale; Pernicious scale; Red scale	polysulphide sulphur	SL	320 g/l	Lime Sulphur	4230		Agro-Serve t/a Efekto
Apricots	Pernicious scale	polysulphide sulphur	SL	320 g/l	Lime Sulphur	7686		Delta Chemicals
Apricots	Greyscale; Mealybug; Pernicious scale	prothiophos	EC	960 g/l	Tokuthion 960 EC	924		Volcano Agrosience /ta Arysta LS
Apricots	Aphids	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Apricots	African bollworm; False codling moth	spinetoram	WG	250 g/l	Delegate 250 WG	8392		Dow AgroSciences SA
Apricots	Rust	sulfur	SC	800 g/l	Sulfomaxx	9941		Ag-Chem Africa
Apricots	Aphids; Thrips	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Artichokes	Leafminers; Red spider mite	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Artichokes	African bollworm	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Artichokes	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Artichokes	Fruit sucking bug; Stinkbug	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Artichokes	Aphids; Leafhoppers	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Asparagus	African bollworm	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Asparagus	Thrips	Beauveria bassiana	EC	4x10 ⁹ spores/ml	Broadband	8270	0	BASF South Africa
Asparagus	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Asparagus	Aphids	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Attractant	Red scale in citrus orchards	(3S,6R)-3-methyl-6-isopropenyl-9-decen-1-yl/(3S,6S)-3-methyl-6-isopropenyl-9-decen-1-yl acetate	VP		Chempac Red Scale Lure	8684		Chempac
Attractant	False codling moth in citrus and deciduous fruit orchards	(E)-7 dodecenyl acetate/(E)-8 dodecenyl acetate/(Z)-8 dodecenyl acetate	VP	62,5 g/kg	Chempac False Codling Moth Lure	7254		Chempac
Attractant	False codling moth in Citrus	(E)-7 dodecenyl acetate/(E)-8 dodecenyl acetate/(Z)-9 dodecenyl acetate	VP	12,5/10,4/2,1 mg/lure	F.C.M. PheroLure	7875		Insect Science
Attractant	Oriental fruit moth in deciduous fruit	(E)-8 dodecen-1-yl acetate/(Z)-8 dodecen-1-ol/(Z)-8-dodecen-1-yl acetate	VP	0,06/0,01 0,93 mg/lure	Chempac Oriental Fruit Moth Lure	4701		Chempac
Attractant	Codling moth	(E)-8,E-10-dodecadienol	VP	31,021 g/kg	Biolure CM-10 X	6232		Spectrum Research Services
Attractant	Codling moth	(E)-8,E-10-dodecadienol	VP	5 g/kg	Pherocon L2 Codling Moth Pheromone Kit	6127		Viking Intellectual Properties
Attractant	Codling moth	(E)-8,E-10-dodecadienol	VP	5,25 g/kg	Biolure CM	5690		Spectrum Research Services
Attractant	African bollworm	(Z)-11-hexadecenal/Z-9-hexadecenal	VP	3,18/0,32 mg/dispenser	Chempac African Bollworm Lure	8416		Chempac
Attractant	Oriental fruit moth	(Z)-8-dodecenyl acetate/E-8-dodecenyl acetate/Z-8-dodecenol		0,11 mg/capsule	Pherocon Oriental Fruit Moth Pheromone Kit	4533		Viking Intellectual Properties

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Attractant	Red scale (citrus)	3-(S)-methyl-6-isopropenyl-9decadien-1-yl acetate	CS	0,12 mg/capsule	Pherocon Red Scale Pheromone Attractant Kit	4324		Viking Intellectual Properties
Attractant	Fruit fly	ammonium acetate/1,4-diaminobutane/trimethylamine hydroxide	VP	211/3/91 g/kg	Biolure Fruit Fly	7695		Spectrum Research Services
Attractant	Codling moth	codlimone	VP	1 g/kg	Exosex CM	7806		Biogrow Chemicals
Attractant	Codling moth	codlimone	VP	1 mg/capsule	Codling Moth Lure	4700		Chempack
Attractant	False codling moth	dodecadinol	AL	0,1 m/capsule	Lorelei	4877		Citrus Research International
Attractant	African bollworm	kairomone mix/sugar stimulant	bait	25/625 g/l	Bio-Attract Heli	8725		Tsunami Plant Protection /ta Arysta LS
Attractant	Mealy bug in grapes	lavandulyl senecioate	VP	0,014 g/kg	Chempack Vine Mealybug Lure	7380		Chempac
Attractant	Fruit fly	methyl eugenol	SL	98 g/kg	Chempac ME Liquid	8570		Chempac
Attractant	Fruit fly	methyl eugenol	VP	15 g/capsule	Invader-Lure	8584		River Bioscience
Attractant	Fruit fly	methyl eugenol	VP	4 g/lure	Chempac ME Lure	8569		Chempac
Attractant	Fruit flies	protein hydrolysate	CB	425 g/l	Hym-Lure RFU	5354		Pioneer Foods t/a Bokomo Foods
Attractant	Fruitfly	protein hydrolysate	CB	425 g/l	Lok-Lure	8162		Arysta Lifescience SA
Attractant	Fruit flies	protein hydrolysate	CB	750 g/kg	Hym-Lure Paste	4295		Pioneer Foods t/a Bokomo Foods
Attractant	Maize Stalkborer	tetradecenyl acetate	VP	24 mg/capsule	Biotrap Maize Stalkborer	2982		Wefco Marketing cc
Attractant	Fruit flies	trimedlure	VP	0,02 mg/capsule	Pherocon Mediterreanean Fruit Fly Pheromone Attract	4715		Viking Intellectual Properties
Attractant	Fruit flies	trimedlure	VP	1 g/lure	Chempack Fruit Fly Lure	4702		Chempac
Avocadoes	Thrips	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Avocadoes	Fruit sucking bug	acephate	SP	750 g/kg	Ace 750 SP	4175		Nulandis
Avocadoes	Leafrollers	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Avocadoes	Fruit sucking bugs	beta-cyfluthrin	SC	125 g/l	Bulldock Beta 125 SC	7612		Bayer
Avocadoes	Heart-shaped scale	buprofezin	SC	500 g/l	Kabuto	8604		Meridian Agrochemical Co.
Avocadoes	Heart-shaped scale	buprofezin	WG	500 g/kg	Beretta WDG	8253		Villa Crop Protection
Avocadoes	Heart-shaped scale	buprofezin	WG	500 g/kg	Buprofezin 500 WDG	8254		Universal Crop Protection
Avocadoes	Heart-shaped scale	buprofezin	WP	500 g/kg	Applaud	3654		Bayer
Avocadoes	Heart shaped scales	buprofezin	WP	500 g/kg	Praise	10153	160 days	Wentek Chemicals
Avocadoes	False codling moth	chlorantraniliprole	SC	200 g/l	Coragen	8529	14 days	Du Pont de Nemours Int SA
Avocadoes	False codling moth	chlorantraniliprole	WG	350 g/kg	Altacor	8467	14 days	Du Pont de Nemours Int SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Avocadoes	False codling moth	cryptophlebia leucotreta granulovirus	SC	5x10 (10) OBs (occlusion bodies)/ml	Cryptogran	7598		River Bioscience
Avocadoes	False codling moth	dodecyl acetate E8/dodecyl acetate Z8	VP	15/15 g/kg	RB Splat FCM	10259		River Bioscience
Avocadoes	Scale; Thrips	mercaptothion	EC	500 g/l	Avi Gard	216		Avima
Avocadoes	Soft brown scale; Thrips	mercaptothion	EC	500 g/l	Datathion 500 EC	828		Nulandis
Avocadoes	Scale; Thrips	mercaptothion	EC	500 g/l	Kombat Garden Insects	4469		Kombat
Avocadoes	Soft brown scale; Thrips	mercaptothion	EC	500 g/l	Malasol	1353		Agro-Serve t/a Efekto
Avocadoes	Scale; Thrips	mercaptothion	EC	500 g/l	Malathion	8317		Kombat
Avocadoes	Soft brown scale; Thrips	mercaptothion	EC	500 g/l	Malathion 50% EC	4235		Agro-Serve t/a Efekto
Avocadoes	Thrips	mercaptothion	EC	500 g/l	Mercaptothion 500 EC	4394		Dow AgroSciences SA
Avocadoes	Soft brown scale; Thrips	mercaptothion	WP	250 g/kg	Avi Merkaptotoks	3031		Avima
Avocadoes	False codling moth	methoxyfenozide	SC	240 g/l	Runner 240 SC	7779		Dow AgroSciences SA
Avocadoes	Fruit sucking bug	pymetrozine	WG	500 g/kg	Chess	8104	21 days	Syngenta SA
Avocadoes	Thrips	sulfur	DP	980 g/kg	Ag-Chem Dusting Sulphur	7379		Ag-Chem Africa
Avocadoes	Thrips	sulfur	DP	980 g/kg	Crop Dusting Sulphur	7376		Sunwood Chem
Avocadoes	Thrips	sulfur	DP	980 g/kg	Dusting Sulphur	5261		Universal Crop Protection
Avocadoes	Thrips	sulfur	DP	980 g/kg	Dusting Sulphur	9127		Orchard Agrikem
Avocadoes	Thrips	sulfur	SC	700 g/l	Flowable Sulphur	142		Applied Chemical Products (Nulandis)
Avocadoes	Thrips	sulfur	SC	800 g/l	Eco Fungimite	8756		Agro-Serve t/a Efekto
Avocadoes	Thrips	sulfur	SC	800 g/l	Sulfomaxx	9941		Ag-Chem Africa
Avocadoes	Thrips	sulfur	SC	800 g/l	SulfoStar	6982		Ag-Chem Africa
Avocadoes	Thrips	sulfur	WG	800 g/kg	Cosavet	6355		Sulphur Chemical Mills
Avocadoes	Thrips	sulfur	WG	800 g/kg	Kumulus WG	2404		BASF South Africa
Avocadoes	Thrips	sulfur	WG	800 g/kg	Microthiol Special	5329		Total South Africa
Avocadoes	Thrips	sulfur	WG	800 g/kg	Striker	6628		Chempac
Avocadoes	Thrips	sulfur	WG	800 g/kg	Sulgran	5727		Sunwood Chemicals
Avocadoes	Thrips	sulfur	WG	800 g/kg	Sulphur WDG	6045		Kenchem Trading
Avocadoes	Thrips	sulfur	WP	800 g/kg	Wettable Sulphur	6933		Sunwood Chemicals
Avocadoes	Mealybugs; Thrips; Whitefly	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Bananas	Weevil	Beauveria bassiana	DP	2x10 (9) spores/g	Bbweevil	7256		Becker Underwood SA
Bananas	Banana mite	bromopropylate	EC	500 g/l	Flair	8196		Erintrade CC t/a R.T. Chemicals
Bananas	Nematodes	cadusafos	EW	100 g/l	Rugby 10 ME	6368		FMC
Bananas	Nematodes	cadusafos	GR	100 g/kg	Rugby 10 G	4110		FMC SA
Bananas	Flat mite; Thrips	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Bananas	Flat mite; Thrips	chlorpyrifos	EC	480 g/l	Agropyrifos 480 EC	4888		Arysta Lifescience SA
Bananas	Flat mite; Thrips	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	5417		Makhteshim-Agan SA
Bananas	Flat mite; Thrips	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6272		Arysta Lifescience SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Bananas	Flat mite; Thrips	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6350		Universal Crop Protection
Bananas	Flat mite; Thrips	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	7183		Villa Crop Protection
Bananas	Flat mite; Thrips	chlorpyrifos	EC	480 g/l	Chlorpyrifos EC	5867		Cropchem
Bananas	Mites; Thrips	chlorpyrifos	EC	480 g/l	Dursban 480 EC	5225		Dow AgroSciences SA
Bananas	Mites; Thrips	chlorpyrifos	EC	480 g/l	Lirifos 480 EC	4883		Gouws & Scheepers (Nulandis)
Bananas	Flat mite; Thrips	chlorpyrifos	EC	480 g/l	Makhrofos 480 EC	7973		Makhro-Agro SA
Bananas	Flat mite; Thrips	chlorpyrifos	EC	480 g/l	Pyrifos 480 EC	6397		Applied Agricultural Products (Nulandis)
Bananas	Flat mite; Thrips	chlorpyrifos	EC	480 g/l	Pyrimex 480 EC	4673		Adama SA
Bananas	Flat mite; Silvering thrips	chlorpyrifos	EC	480 g/l	Rochlor 480 EC	5905		Rotam RSA
Bananas	Flat mite; Thrips	chlorpyrifos	VP	10 g/kg	Pyritilene Blue	7339		Makhteshim-Agan SA
Bananas	Flat mite; Thrips	chlorpyrifos	VP	12,6 g/kg	Plasticide	6079		Plastafrica
Bananas	Flat mite; Thrips	chlorpyrifos	WG	750 g/kg	Dursban 750 WG	6589	28 days	Dow AgroSciences SA
Bananas	Red spider mite; Thrips	dichlorvos	VP	195 g/kg	Vapona Agricultural Insecticidal Strip	2187		Acorn Products
Bananas	Nematodes	fenamiphos	GR	100 g/kg	Nemacur 10 GR	2056		Villa Crop Protection
Bananas	Nematodes	fosthiazate	EC	900g/l	Nemathorin 900 EC	5612		ISK Biosciences (Disa Biotechnologies CC)
Bananas	Nematodes	fosthiazate	GR	100 g/kg	Nemathorin 100 GR	5613		ISK Biosciences (Disa Biotechnologies CC)
Bananas	Aphids; Thrips	mercaptotion	EC	500 g/l	Avi Gard	216		Avima
Bananas	Aphids; Fruit fly; Thrips	mercaptotion	EC	500 g/l	Datathion 500 EC	828		Nulandis
Bananas	Aphids; Thrips	mercaptotion	EC	500 g/l	Kombat Garden Insects	4469		Kombat
Bananas	Aphids; Thrips	mercaptotion	EC	500 g/l	Malasol	1353		Agro-Serve t/a Efekto
Bananas	Aphids; Thrips	mercaptotion	EC	500 g/l	Malathion	8317		Kombat
Bananas	Aphids; Thrips	mercaptotion	EC	500 g/l	Malathion 50% EC	4235		Agro-Serve t/a Efekto
Bananas	Aphids; Thrips	mercaptotion	EC	500 g/l	Mercaptotion 500 EC	4394		Dow AgroSciences SA
Bananas	Aphids; Thrips	mercaptotion	WP	250 g/kg	Avi Merkaptotoks	3031		Avima
Bananas	Nematodes	oxamyl	GR	100 g/kg	Blockade G	7552		Klub M5
Bananas	Nematodes	oxamyl	GR	100 g/kg	Oxagran 100 GR	6406		Nialcor
Bananas	Nematodes	oxamyl	GR	100 g/kg	Vydate 100 GR	3945		Du Pont de Nemours Int SA
Bananas	Nematodes	Paecilomyces lilacinus	WP	4 x 10(9) spores/g	PL Gold	7698		Biological Control Products SA
Bananas	Nematodes	Paecilomyces lilacinus strain 251	WP	4x10(9) live spores/g	PL251	5976		Biological Control Products SA
Bananas	Flat mite; Thrips	sulfur	DP	980 g/kg	Ag-Chem Dusting Sulphur	7379		Ag-Chem Africa
Bananas	Flat mite; Thrips	sulfur	DP	980 g/kg	Crop Dusting Sulphur	7376		Sunwood Chem
Bananas	Flat mite; Thrips	sulfur	DP	980 g/kg	Dusting Sulphur	5261		Universal Crop Protection
Bananas	Flat mite; Thrips	sulfur	DP	980 g/kg	Dusting Sulphur	5539		Sunwood Chemicals
Bananas	Flat mite; Thrips	sulfur	DP	980 g/kg	Dusting Sulphur	9127		Orchard Agrikem

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Barley	Leafminer	abamectin	EC	18 g/l	Unimectin 18 EC	7978		Universal Crop Protection
Barley	Brown ear aphid; Oat aphid; Common wheat aphid	acetamiprid	SP	200 g/kg	Acetamiprid 200 SP	9348		Sharda International Africa CC
Barley	Aphids	acetamiprid	SP	200 g/kg	Alice 20 SP	8723		Arysta Lifescience SA
Barley	Aphids	acetamiprid	SP	200 g/kg	Magnitude 200 SP	9226		Universal Crop Protection
Barley	Aphids	acetamiprid	SP	200 g/kg	Maintain 200 SP	9225		Villa Crop Protection
Barley	Aphids	acetamiprid	SP	200 g/kg	Mospilan 20 SP	5899		Mitsui & Co.
Barley	Aphids	acetamiprid	SP	200 g/kg	Mulan 20 SP	9167		Adama SA
Barley	Aphids	acetamiprid	SP	200 g/kg	Tamprid	9582		Meridian Agrochemical Co.
Barley	Aphids	acetamiprid	SP	200 g/kg	Wonderland 200 SP	10057		Cedar Falls Properties 130
Barley	Brown ear aphid; Oat aphid; Common wheat aphid	acetamiprid	WG	200 g/kg	Devalan 20 SP	9492		DVA Chemicals SA
Barley	Aphids	acetamiprid	WG	200 g/kg	Mospilan 20	8192		Mitsui & Co.
Barley	Aphids; False chinch bug	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	5417		Makhteshim-Agan SA
Barley	Aphids; False chinch bug	chlorpyrifos	EC	480 g/l	Makhrofos 480 EC	7973		Makhro-Agro SA
Barley	Aphids; False chinch bug	chlorpyrifos	EC	480 g/l	Pyrinex 480 EC	4673		Adama SA
Barley	African bollworm	chlorpyrifos/lambda-cyhalothrin	EC	338/12 g/l	Limit 350 EC	8601		Villa Crop Protection
Barley	African bollworm	chlorpyrifos/lambda-cyhalothrin	EC	338/12 g/l	Linear 350 EC	8602		Universal Crop Protection
Barley	Aphids; Wheat aphid	demeton-S-methyl	EC	250 g/l	Demeton EC	4852		Universal Crop Protection
Barley	Aphids; Russian aphid	demeton-S-methyl	EC	250 g/l	Demicide 250 EC	7865		Ag-Chem Africa
Barley	Aphids	dimethoate	EC	400 g/l	Butcher	6313		Klub M5
Barley	Aphids; Russian aphid	dimethoate	EC	400 g/l	Danadim Progress	8868		Cheminova (Disa Bio-Technologies CC)
Barley	Aphids	dimethoate	EC	400 g/l	Deus 400 EC	7610		Ag-Chem Africa
Barley	Brown aphids; Green aphids; Russian aphid	dimethoate	EC	400 g/l	Dictate	9858		Meridian Agrochemical Co.
Barley	Aphids; Russian aphid	dimethoate	EC	400 g/l	Dimethoate	4823		Wenkem
Barley	Russian aphids, green aphids, brown aphids	dimethoate	EC	400 g/l	Dimethoate	6060		Universal Crop Protection
Barley	Aphids; Russian aphid	dimethoate	EC	400 g/l	Dimethoate	7059		Volcano Agrosociences
Barley	Aphids; Russian aphid	dimethoate	EC	400 g/l	Dimethoate	8455		Universal Crop Protection
Barley	Brown aphids; Green aphids	dimethoate	EC	400 g/l	Dimethoate 400 EC	10088	50 days	Bitrad Kaap
Barley	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	4507		Cropchem
Barley	Aphids; Russian aphid	dimethoate	EC	400 g/l	Dimethoate EC	5367		Tsunami Plant Protection /ta Arysta LS
Barley	Aphids; Russian aphid	dimethoate	EC	400 g/l	Dimethoate EC	7940		Makhro-Agro SA
Barley	Aphids; Russian aphid	dimethoate	EC	400 g/l	Genoate EC	8195		Villa Crop Protection
Barley	Russian aphid	imidacloprid	FS	600 g/l	Ronsek 600 FS	8573		Villa Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Barley	Russian aphid	imidacloprid	FS	600 g/l	Seedoprid 600 FS	10042		Adama SA
Barley	Russian aphids	imidacloprid	FS	600 g/l	Seedoprid 600 FS	10042		Adama SA
Barley	Russian aphid	imidacloprid	FS	600 g/l	Solect 600 FS White	8572		Universal Crop Protection
Barley	African bollworm	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Barley	African bollworm	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Barley	African bollworm	methomyl	SP	900 g/kg	Makhromex 900 SP	8140		Makhro-Agro SA
Barley	African bollworm	methomyl	SP	900 g/kg	Methomex 900 SP	5254		Adama SA
Barley	Aphids; Red legged sand mite	omethoate	SL	800 g/l	Folimat 800 SL	2316		Arysta Lifescience SA
Barley	Aphids; Wireworms	thiamethoxam	FS	350 g/l	Cruiser	6288		Syngenta SA
Barley	Aphids; Wireworms	thiamethoxam	FS	600 g/l	Cruiser White	7546		Syngenta SA
Barley	Aphids; Russian aphid	thiamethoxam	WG	250 g/kg	Thiatox 250 WDG	9190		Villa Crop Protection
Barley	Aphids	thiamethoxam	WG	250 g/kg	Thiexam 250 WDG	9191		Universal Crop Protection
Beans	Leafminers; Red spider mite; Thrips	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Beans	Red spider mite	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Beans	African bollworm; Leaf eaters; Semi-looper	acetamiprid/novaluron	EC	80/100 g/l	Cormoran 180 EC	9480		Makhteshim-Agan SA
Beans	African bollworm; Cutworm	alpha-cypermethrin	EC	100 g/l	Fastac EC	4991		BASF South Africa
Beans	African bollworm	alpha-cypermethrin	EC	100 g/l	Magnum Super EC	6679		Technichem
Beans	African bollworm	alpha-cypermethrin	EC	100 g/l	Sentry EC	7966		Volcano Agrosience /ta Arysta LS
Beans	African bollworm	alpha-cypermethrin	SC	100 g/l	Alpha-thrin 100 SC	7425		Villa Crop Protection
Beans	African bollworm	alpha-cypermethrin	SC	100 g/l	Avalanche	6807		Klub M5
Beans	African bollworm	alpha-cypermethrin	SC	100 g/l	Fastac SC	4992		BASF South Africa
Beans	African bollworm; Cutworm	alpha-cypermethrin	SC	100 g/l	Magnum Super SC	7816		Technichem Crop Protection
Beans	African bollworm	alpha-cypermethrin	SC	100 g/l	Polytrin Super 100 SC	7262		Universal Crop Protection
Beans	African bollworm; Semi looper	Bacillus thuringiensis var aizawai	WG	15 000 IU/mg	Florbac WG	5531		Valent BioSciences
Beans	African bollworm; Semi-looper	Bacillus thuringiensis var kurstaki	WG	32 000 IU/mg	Kirshhoffs Margaret Roberts Dipel Biological Cater	7112		Ball Straathof
Beans	African bollworm; Semi-looper	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Beans	Red spider mite; Whitefly	Beauveria bassiana	WG	2 x 10(9) spores/g	Eco-BB	8469		Plant Health Products
Beans	African bollworm	beta-cyfluthrin	SC	125 g/l	Bulldock Beta 125 SC	7612		Bayer
Beans	African bollworm	beta-cyfluthrin	SC	125 g/l	Bulldock Beta 125 SC	7612		Bayer
Beans	African bollworm	beta-cypermethrin	EC	100 g/l	Akito	6709		Cropserve/Arysta Lifescience SA
Beans	African bollworm; Leaf eaters; Semi-looper	bifenthrin/novaluron	SC	50/50 g/l	Rimon Fast 100 SC	9422		Adama SA
Beans	Potato leafminer	cartap hydrochloride	SP	500 g/kg	Cartap	8497		Tsunami Plant Protection /ta Arysta LS
Beans	Potato leafminer	cartap hydrochloride	SP	500 g/kg	Gibsan 500 SP	7018	4 days	Nulandis

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Beans	Potato leafminer	cartap hydrochloride	SP	500 g/kg	Suntap 500 SP	5760		Plaaskem (Gouws & Scheepers)
Beans	African bollworm; Armyworms; Cutworms; Leafminers; Pumpkin fly; Semi-looper; Stink bugs; Thrips; Tomato moth; White fly	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Beans	Black maize beetle	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Beans	Black maize beetle	chlorpyrifos	EC	480 g/l	Agropyrifos 480 EC	4888		Arysta Lifescience SA
Beans	Black maize beetle	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	5417		Makhteshim-Agan SA
Beans	Black maize beetle	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6272		Arysta Lifescience SA
Beans	Black maize beetle	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6350		Universal Crop Protection
Beans	Black maize beetle	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	7183		Villa Crop Protection
Beans	Black maize beetle	chlorpyrifos	EC	480 g/l	Chlorpyrifos EC	5867		Cropchem
Beans	Black maize beetle	chlorpyrifos	EC	480 g/l	Dursban 480 EC	5225		Dow AgroSciences SA
Beans	Black maize beetle	chlorpyrifos	EC	480 g/l	Lirifos 480 EC	4883		Gouws & Scheepers (Nulandis)
Beans	Black maize beetle	chlorpyrifos	EC	480 g/l	Makhrofos 480 EC	7973		Makhro-Agro SA
Beans	Black maize beetle	chlorpyrifos	EC	480 g/l	Pyrifos 480 EC	6397		Applied Agricultural Products (Nulandis)
Beans	Black maize beetle	chlorpyrifos	EC	480 g/l	Pyrinex 480 EC	4673		Adama SA
Beans	Black maize beetle	chlorpyrifos	WG	750 g/kg	Dursban 750 WG	6589		Dow AgroSciences SA
Beans	Black maize beetle	chlorpyrifos/cypermethrin	EC	450/5 g/l	Cyferfos 500EC	7606		Nulandis
Beans	African bollworm	cypermethrin	EC	20 g/l	Fruitfly	3343		Kombat
Beans	African bollworm; Stalkborer	cypermethrin	EC	20 g/l	Garden Ripcord	3666		Agro-Serve t/a Efekto
Beans	African bollworm	cypermethrin	EC	200 g/l	Avi-Sipermetrin EC	3980		Avima
Beans	African bollworm	cypermethrin	EC	200 g/l	Bitrad Cypermethrin	7014		Bitrad Consulting
Beans	African bollworm	cypermethrin	EC	200 g/l	Chanrai Cypermethrin 200 EC	8843		Chanrai SA
Beans	African bollworm	cypermethrin	EC	200 g/l	Cyperin 200 EC	5321		Nulandis
Beans	African bollworm	cypermethrin	EC	200 g/l	Cypermethrin	7851		Arysta Lifescience SA
Beans	African bollworm	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4069		Agro-Serve t/a Efekto
Beans	African bollworm	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4644		Universal Crop Protection
Beans	African bollworm	cypermethrin	EC	200 g/l	Doodskoot EC	3285		WPK Landbou
Beans	African bollworm	cypermethrin	EC	200 g/l	Farmag Cypermethrin	3207		Castle Ag-Chem
Beans	African bollworm	cypermethrin	EC	200 g/l	Kemprin 200 EC	3145		Arysta Lifescience SA /Protek
Beans	African bollworm	cypermethrin	EC	200 g/l	Knox Worm	7176		Arysta LS/Protek
Beans	African bollworm	cypermethrin	EC	200 g/l	Polytrin 200 EC	5409		Villa Crop Protection
Beans	African bollworm	cypermethrin	EC	200 g/l	Sipermetrien	4889		Arysta Lifescience SA /Protek
Beans	American leafminer	cyromazine	WP	750 g/kg	Cygon	7230		RT Chemicals
Beans	American leafminer	cyromazine	WP	750 g/kg	Patron 75 WP	3035		Syngenta SA
Beans	African bollworm	deltamethrin	AL	60 mg/l	Servus RTU	8420		Makhro-Agro SA
Beans	African bollworm	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Beans	African bollworm	deltamethrin	EC	25 g/l	Celtis 25 EC	7965		Volcano Agrosience /ta Arysta LS
Beans	African bollworm	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7263		Universal Crop Protection
Beans	African bollworm	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Beans	African bollworm	deltamethrin	EC	25 g/l	Deltis 2,5% EC	6511		Almond Agro Chemicals (Pty Ltd)
Beans	African bollworm	deltamethrin	EC	25 g/l	Servus	7271		Adama SA
Beans	African bollworm	deltamethrin	EW	25 g/l	Zenit	9073		Meridian Agrochemical Co.
Beans	Aphids	demeton-S-methyl	EC	250 g/l	Demeton EC	4852		Universal Crop Protection
Beans	Aphids	demeton-S-methyl	EC	250 g/l	Demeton-S-Methyl	4508		Cropchem
Beans	Aphids	demeton-S-methyl	EC	250 g/l	Demetox EC	2057		Avima
Beans	Aphids; Red spider mite	diazinon	EC	275 g/l	Diazinon	4550		Gulf Chemicals t/a Arysta Lifescience SA
Beans	Aphids; Red spider mite	diazinon	EC	275 g/l	Diazinon 275 EC	4941		Avima
Beans	Semi-looper	dichlorvos	EC	1000 g/l	Desta 100 EC	6641		Volcano Agrosience /ta Arysta LS
Beans	Semi-looper	dichlorvos	EC	1000 g/l	Devipan 100	4669		Makhteshim-Agan SA
Beans	Semi-looper	dichlorvos	EC	1000 g/l	Devipan 100	8633		Makhro-Agro SA
Beans	Semi-looper	dichlorvos	EC	1000 g/l	Dichlorvos 1000 EC	4640		Universal Crop Protection
Beans	Semi-looper	dichlorvos	EC	1000 g/l	Nuvan 1000 EC	8016		Avima
Beans	Aphids	dimethoate	EC	400 g/l	Aphicide	528		Agro-Serve t/a Efekto
Beans	Aphids	dimethoate	EC	400 g/l	Danadim Progress	8868		Cheminova (Disa Bio-Technologies CC)
Beans	Aphids	dimethoate	EC	400 g/l	Dimethoate	4823		Wenkem
Beans	Aphids	dimethoate	EC	400 g/l	Dimethoate	7059		Volcano Agrosiences
Beans	Aphids	dimethoate	EC	400 g/l	Dimethoate	8455		Universal Crop Protection
Beans	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	4507		Cropchem
Beans	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	5367		Tsunami Plant Protection /ta Arysta LS
Beans	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	7940		Makhro-Agro SA
Beans	Aphids	dimethoate	EC	400 g/l	Dimeto 40 EC	1042		Avima
Beans	Aphids	dimethoate	EC	400 g/l	Genoate EC	8195		Villa Crop Protection
Beans	African bollworm	esfenvalerate	EC	200 g/l	Sumi-Alpha 200 EC	6452		Philagro South Africa
Beans	African bollworm	esfenvalerate	EC	50 g/l	Sumicidin Super	6381		Philagro South Africa
Beans	African bollworm	esfenvalerate	EW	200 g/l	Sumi-Alpha 200 EW	8821		Philagro South Africa
Beans	Nematodes	ethoprophos	GR	150 g/kg	Mocap GR	6985		Villa Crop Protection
Beans	Nematodes	ethoprophos	GR	150 g/kg	Phoscap 15 GR	9119		Universal Crop Protection
Beans	Nematodes	ethoprophos	GR	150 g/kg	Procap 15 GR	9118		Villa Crop Protection
Beans	Aphids; Red spider mite; Thrips	fatty acids	SL	355 g/l	Fade	5995		Gouws and Scheepers (Nulandis)

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Beans	Red spider mite	fenbutatin oxide	SC	550 g/l	Crystal 550 SC	9050		Villa Crop Protection
Beans	Red spider mite	fenbutatin oxide	SC	550 g/l	Roper 550 SC	9049		Universal Crop Protection
Beans	Red spider mite	fenbutatin oxide	SC	550 g/l	Torque SC	4929		BASF South Africa
Beans	African bollworm	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	4187		Universal Crop Protection
Beans	African bollworm	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	4603		Avima
Beans	African bollworm	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	7185		Villa Crop Protection
Beans	African bollworm	gamma-cyhalothrin	CS	60 g/l	Vantex 60 CS	7227		Cheminova (Disa Bio-Technologies CC)
Beans	African bollworm	indoxacarb	EC	150 g/l	Avant 150 EC	8623		Du Pont de Nemours
Beans	African bollworm	indoxacarb	WG	300 g/kg	Steward	6332	3 days	Du Pont de Nemours Int SA
Beans	African bollworm	kairomone mix/sugar stimulant	bait	25/625 g/l	Bio-Attract Heli	8725		Tsunami Plant Protection /ta Arysta LS
Beans	African bollworm	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Beans	African bollworm	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Beans	African bollworm	lambda-cyhalothrin	CS	106 g/l	Judo Secure 106 CS	8938	28 days (F)	Villa Crop Protection
Beans	African bollworm	lambda-cyhalothrin	CS	106 g/l	Lambda Secure 106 CS	8939	28 days	Universal Crop Protection
Beans	African bollworm	lambda-cyhalothrin	EC	50 g/l	Ag-Lambda 50 EC	8472		Ag-Chem Africa
Beans	African bollworm	lambda-cyhalothrin	EC	50 g/l	Attacke	7669		Erintrade CC t/a R.T. Chemicals
Beans	African bollworm	lambda-cyhalothrin	EC	50 g/l	Cylam 50 EC	8261		Gouws & Scheepers
Beans	African bollworm	lambda-cyhalothrin	EC	50 g/l	Judo 50 EC	7785		Villa Crop Protection
Beans	African bollworm	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Beans	African bollworm	lambda-cyhalothrin	EC	50 g/l	Lambda 50 EC	7787		Universal Crop Protection
Beans	African bollworm	lambda-cyhalothrin	EC	50 g/l	Lambda EC	8546		Arysta Lifescience SA
Beans	African bollworm	lambda-cyhalothrin	EC	50 g/l	Makhrolam 5 EC	8141		Makhro-Agro SA
Beans	African bollworm	lambda-cyhalothrin	EC	50g/l	Lamdex 5 EC	7578		Adama SA
Beans	American bollworm; Cutworms	lambda-cyhalothrin	EW	50 g/l	Lambada Aquamul	9583		Meridian Agrochemical Co.
Beans	Aphids; CMR beetles; Thrips	mercaptotion	DP	50 g/kg	Malathion DP	5966		Agro-Serve t/a Efekto
Beans	Aphids; CMR beetles; Thrips	mercaptotion	DP	50 g/kg	Merkaptotion DP	4278		Avima
Beans	Aphids; CMR beetle	mercaptotion	EC	500 g/l	Avi Gard	216		Avima
Beans	Aphids; CMR beetle	mercaptotion	EC	500 g/l	Datathion 500 EC	828		Nulandis
Beans	Aphids; CMR beetles	mercaptotion	EC	500 g/l	Kombat Garden Insects	4469		Kombat
Beans	Aphids; CMR beetle; Thrips	mercaptotion	EC	500 g/l	Malasol	1353		Agro-Serve t/a Efekto
Beans	Aphids	mercaptotion	EC	500 g/l	Malathion	8317		Kombat
Beans	Aphids; CMR beetles; Thrips	mercaptotion	EC	500 g/l	Malathion 50% EC	4235		Agro-Serve t/a Efekto
Beans	Aphids; Thrips	mercaptotion	EC	500 g/l	Mercaptotion 500 EC	4394		Dow AgroSciences SA
Beans	Aphids; Thrips	mercaptotion	EW	440 g/l	Fyfanon 440 EW	9484		Cheminova
Beans	Aphids; Thrips	mercaptotion	WP	250 g/kg	Avi Merkaptotoks	3031		Avima
Beans	Aphids; CMR beetles; Thrips	mercaptotion/pyrethrins	DP	50/0,4 g/kg	Pythion 5% DP	2124		Avima

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Beans	African bollworm	methomyl	SL	200 g/l	Methomate 200 SL	8123		Villa Crop Protection
Beans	African bollworm	methomyl	SL	200 g/l	Methomex 200 SL	5253		Adama SA
Beans	African bollworm	methomyl	SL	200 g/l	Methomyl 200 SL	7100		Universal Crop Protection
Beans	African bollworm	methomyl	SL	200 g/l	Mylomex 200 SL	4367		Nulandis
Beans	African bollworm	methomyl	SP	900 g/kg	Ciplamyl 90 SP	3436		Cipla Agricare
Beans	African bollworm	methomyl	SP	900 g/kg	Kuik 900 SP	5602		Rotam RSA
Beans	African bollworm	methomyl	SP	900 g/kg	Lannate 900 SP	2011		Du Pont de Nemours
Beans	African bollworm	methomyl	SP	900 g/kg	Makhromex 900 SP	8140		Makhro-Agro SA
Beans	African bollworm	methomyl	SP	900 g/kg	Masta 900 SP	9449		Arysta Lifescience SA
Beans	African bollworm	methomyl	SP	900 g/kg	Methomex 900 SP	5254		Adama SA
Beans	African bollworm	methomyl	SP	900 g/kg	Methomyl 100 SP	6873		Tsunami Plant Protection
Beans	African bollworm	methomyl	SP	900 g/kg	Methomyl 90 SP	5931		Universal Crop Protection
Beans	African bollworm	methomyl	SP	900 g/kg	Methomyl 90 SP	7189		Villa Crop Protection
Beans	African bollworm	methomyl	SP	900 g/kg	Mylomex 900 SP	4783		Nulandis
Beans	African bollworm	methomyl	SP	900 g/kg	Spitfire 900 SP	8197	3 days	Bitrad Consulting
Beans	Aphids	mevinphos	EC	150 g/l	Mevinfos EC	4315		Universal Crop Protection
Beans	Aphids	mevinphos	EC	240 g/l	Phosdrin 240 EC	7267		Universal Crop Protection
Beans	Aphids	mevinphos	SL	500 g/l	Phosdrin 500 SL	4995		Universal Crop Protection
Beans	African bollworm	novaluron	EC	100 g/l	Rimon 10 EC	6285		Adama SA
Beans	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Beans	Potato leafminer	spinosad	SC	120 g/l	Eco Insect Control	7232		Agro-Serve t/a Efekto
Beans	Red spider mite; Thrips	sulfur	DP	980 g/kg	Ag-Chem Dusting Sulphur	7379		Ag-Chem Africa
Beans	Red spider mite; Thrips	sulfur	DP	980 g/kg	Crop Dusting Sulphur	7376		Sunwood Chem
Beans	Red spider mite; Thrips	sulfur	DP	980 g/kg	Dusting Sulphur	5261		Universal Crop Protection
Beans	Red spider mite; Thrips	sulfur	DP	980 g/kg	Dusting Sulphur	5539		Sunwood Chemicals
Beans	Red spider mite; Thrips	sulfur	DP	980 g/kg	Dusting Sulphur	9127		Orchard Agrikem
Beans	Red spider mite; Thrips	sulfur	DP	980 g/kg	Dusting Sulphur (WPK)	3341		WPK Landbou
Beans	Red spider mite; Thrips	sulfur	SC	700 g/l	Flowable Sulphur	142		Applied Chemical Products (Nulandis)
Beans	Red spider mite; Thrips	sulfur	SC	800 g/l	Eco Fungimite	8756		Agro-Serve t/a Efekto
Beans	Red spider mite; Thrips	sulfur	SC	800 g/l	Sulfomaxx	9941		Ag-Chem Africa
Beans	Red spider mite; Thrips	sulfur	SC	800 g/l	SulfoStar	6982		Ag-Chem Africa
Beans	Red spider mite	sulfur	WG	800 g/kg	Cosavet	6355		Sulphur Chemical Mills
Beans	Red spider mite; Thrips	sulfur	WG	800 g/kg	Kumulus WG	2404		BASF South Africa
Beans	Red spider mite; Thrips	sulfur	WG	800 g/kg	Microthiol Special	5329		Total South Africa
Beans	Red spider mite	sulfur	WG	800 g/kg	Striker	6628		Chempac
Beans	Red spider mite	sulfur	WG	800 g/kg	Sulgran	5727		Sunwood Chemicals

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Beans	Red spider mite	sulfur	WG	800 g/kg	Sulphur WDG	6045		Kenchem Trading
Beans	Red spider mite	sulfur	WP	800 g/kg	Wettable Sulphur	6933		Sunwood Chemicals
Beans	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	100 g/kg	Counter 100 G	1101		Villa Crop Protection
Beans	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	100 g/kg	Terbufos GR	5927		Universal Crop Protection
Beans	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Bitrad Terbufos 15 GR	7123		Bitrad Consulting
Beans	Astylus beetle; Black maize beetle; False wireworm; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Counter FC 15g	5571		Villa Crop Protection
Beans	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Ortofos 15 G	6608		Ortus Chemicals
Beans	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Terbufos 15 GR	6920		Universal Crop Protection
Beans	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Terbufos 15 GR	7186		Villa Crop Protection
Beans	Astylus beetle; Black maize beetle; False wireworms; Wireworm	terbufos	GR	150 g/kg	Terbufos 150	8119		Erintrade CC t/a R.T. Chemicals
Beans	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Terfos 15 G	7582		Volcano Agrosience /ta Arysta LS
Beans	African bollworm	zeta-cypermethrin	EW	100 g/l	Fury 10 EW	6696		FMC
Beans (dry)	Black maize beetle	chlorpyrifos	EC	480 g/l	Rochlop 480 EC	5905		Rotam RSA
Beans (dry)	African bollworm	indoxacarb	EC	150 g/l	Steward 150 EC	8435	42 days F	Du Pont de Nemours Int SA
Beans (dry)	African bollworm	lambda-cyhalothrin	EC	50 g/l	Shamda 50 EC	10258		Sharda International Africa CC
Beans (green)	African bollworm	indoxacarb	EC	150 g/l	Steward 150 EC	8435	3 days	Du Pont de Nemours Int SA
Beans (green)	African bollworm	lambda-cyhalothrin	EC	50 g/l	Shamda 50 EC	10258		Sharda International Africa CC
Beans (soy)	African bollworm; Fall armyworm	indoxacarb	EC	150 g/l	Steward 150 EC	8435	14 days; 42 days F	Du Pont de Nemours Int SA
Beans (soy)	African bollworm; Fall armyworm	indoxacarb	WG	300 g/kg	Steward	6332	14 days	Du Pont de Nemours Int SA
Beans (soy)	African bollworm	lambda-cyhalothrin	EC	50 g/l	Shamda 50 EC	10258		Sharda International Africa CC
Beekeeping pests	Varroa mite	amitraz	VP	0,5 g/kg	Apivar	6551		Szyndra International Development
Beetroot	African bollworm	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Beetroot	African bollworm; Army worms	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Beetroot	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Beetroot	Aphids; Leafhopper; Whitefly	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Berry crops	Weevils	Heterorhabditis bacteriophora	WP	5x10(7) ljs/sachet	Cryptonem	9251		River Bioscience
Blackberries	African bollworm	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Blackberries	Red spider mite; White fly	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Blackberries	Aphids; Leafhoppers; Stinkbugs; Weevil; Whitefly	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Blackberries, Blueberries & Raspberries	African bollworm; Leafrollers; Semi-looper	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Blackberries, Blueberries & Raspberries	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Blackberries, Blueberries & Raspberries	African bollworm; Thrips; Western flower thrips	spinetoram	WG	250 g/l	Delegate 250 WG	8392		Dow AgroSciences SA
Blackberries, Blueberries & Raspberries	African bollworm; Thrips	spinosad	SC	480 g/l	Tracer 480 SC	6557		Dow AgroSciences SA
Blackberries, Blueberries & Raspberries	African bollworm; Thrips	spinosad	WP	800 g/kg	Entrust Naturalyte 800 WP	7389		Dow AgroSciences SA
Blueberries	African bollworm	Bacillus thuringiensis var. kurstaki	WG	100 000 IU/mg	BeTa Pro	8834	0	BASF South Africa
Blueberries	Red spider mite; White fly	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Blueberries	African bollworm; Banded fruit weevil	indoxacarb	WG	300 g/kg	Steward	6332	42 days	Du Pont de Nemours Int SA
Blueberries	Banded fruit weevil	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Boysenberries	African bollworm; Thrips	spinosad	SC	480 g/l	Tracer 480 SC	6557		Dow AgroSciences SA
Boysenberries & Youngberries	African bollworm; Thrips; Western flower thrips	spinetoram	WG	250 g/l	Delegate 250 WG	8392		Dow AgroSciences SA
Brinjals	Broad mite; Leafminers; Red spider mite	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Brinjals	African bollworm; Semi-looper	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Brinjals	Red spider mite	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Brinjals	Red spider mite; Whitefly	Beauveria bassiana	WG	2 x 10(9) spores/g	Eco-BB	8469		Plant Health Products
Brinjals	Tomato leafminer	chlorantraniliprole	SC	200 g/l	Coragen	8529	1 day	Du Pont de Nemours Int SA
Brinjals	Tomato leaf miner moth	chlorantraniliprole	SC	50 g/l	Prevathon 5 SC	9150	1 day	Du Pont de Nemours Int SA
Brinjals	African bollworm; Army worms; Cutworm; Diamondback moth; Leafminers; Semi-looper; Stink bug; Thrips; Tomato leafminer; Whitefly	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Brinjals	Aphids	demeton-S-methyl	EC	250 g/l	Demeton EC	4852		Universal Crop Protection
Brinjals	Aphids	demeton-S-methyl	EC	250 g/l	Demeton-S-Methyl	4508		Cropchem
Brinjals	Aphids	demeton-S-methyl	EC	250 g/l	Demetox EC	2057		Avima
Brinjals	African bollworm; Armyworms	emamectin benzoate	WG	50 g/kg	Proclaim	7581		Syngenta SA
Brinjals	African bollworm; Leaf miner	flubendiamide	SC	480 g/l	Belt	8860		Bayer

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Brinjals	Tomato leafminer	indoxacarb	EC	150 g/l	Steward 150 EC	8435	1 day	Du Pont de Nemours Int SA
Brinjals	African bollworm; Semi-looper	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Brinjals	African bollworm; Semi-looper	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Brinjals	American bollworm	lambda-cyhalothrin	EW	50 g/l	Lambada Aquamul	9583		Meridian Agrochemical Co.
Brinjals	Aphids; Whitefly	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Brinjals	Aphids; Thrips; Whitefly	spirotetramat	SC	240 g/l	Movento	8559		Bayer
Brinjals	Aphids; Leafhoppers; Stinkbugs; Whitefly	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Building sites	Termites	alpha-cypermethrin	SC	100 g/l	Stedfast SC	6464		BASF SA
Buildings	Termites	imidacloprid	SC	350 g/l	Terminex 350 SC	9040		Arysta Lifescience SA
Buildings (except houses)	Crawling insects; Flying insects	dichlorvos	EC	1000 g/l	Devipan 100	4669		Makhteshim-Agan SA
Buildings (except houses)	Crawling insects; Flying insects	dichlorvos	EC	1000 g/l	Dichlorvos 1000 EC	4640		Universal Crop Protection
Cabbage	Diamondback moth	cartap hydrochloride	SP	500 g/kg	Agritap SP	9464		Meridian Agrochemical Co.
Cabbage	Diamond back moth	chlorfenapyr	SC	360 g/l	Plumett	9860		Meridian Agrochemical Co.
Cabbage	Diamond back moth	lufenuron	EC	50 g/l	Judge	9927	7 days	Arysta Lifescience SA
Cactus & Spineless pears	False codling moth	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Cactus & Spineless pears	Cactoblastis cactorum; Cochineal	carbaryl	SC	480g/l	Sevin XLR Plus	5783		Universal Crop Protection
Cactus & Spineless pears	Cactoblastis; Cochineal	carbaryl	WP	850 g/kg	Carbaryl	3250		Kombat
Cactus & Spineless pears	Cactoblastis; Cochineal	carbaryl	WP	850 g/kg	Carbaryl 850 WP	7626		Universal Crop Protection
Cactus & Spineless pears	Cactoblastis; Cochineal	carbaryl	WP	850 g/kg	Karba 850 WP	1195		Villa Crop Protection
Cactus & Spineless pears	Cactoblastis; Cochineal	carbaryl	WP	850 g/kg	Karbaspray	2569		Agro-Serve t/a Efekto
Cactus & Spineless pears	Cactoblastis; Cochineal	carbaryl	WP	850 g/kg	Kombat Karbacure	3243		Kombat
Cactus & Spineless pears	Cactoblastis	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Cactus & Spineless pears	Cactoblastis	deltamethrin	EC	25 g/l	Celtis 25 EC	7965		Volcano Agrosience /ta Arysta LS
Cactus & Spineless pears	Cactoblastis	deltamethrin	EC	25 g/l	Delta-Thrin 25 EC	7263		Universal Crop Protection
Cactus & Spineless pears	Cactoblastis	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Cactus & Spineless pears	Cactoblastis	deltamethrin	EC	25 g/l	Deltis 2,5% EC	6511		Almond Agro Chemicals (Pty Ltd)
Cactus & Spineless pears	Cactoblastis; Cochineal	methidathion	EC	420 g/l	Methidathion 420 EC	7583		Universal Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Cactus & Spineless pears	Cactoblastis; Cochineal	methidathion	EC	420 g/l	Methidathion 420 EC	7584		Villa Crop Protection
Cactus & Spineless pears	Cactoblastis; Cochineal	methidathion	EC	420 g/l	Suprathion 420 EC	5439		Adama SA
Cactus & Spineless pears	Cactoblastis; Cochineal	methidathion	WP	200 g/kg	Suprathion 200 WP	6334		Makhteshim-Agan SA
Cactus & Spineless pears	Cochineal	parathion	EC	500 g/l	Avi-Parathion EC	1946		Avima
Cactus & Spineless pears	Cochineal	parathion	EC	500 g/l	Parathion 500 EC	4297		Universal Crop Protection
Cactus pears	Cochineal; Prickly pear moth	methidathion	EC	420 g/l	Arythion 420 EC	9388		Arysta Lifescience SA
Canola	Cruciferae aphid	acetamiprid	SP	200 g/kg	Acetamiprid 200 SP	9348		Sharda International Africa CC
Canola	Aphids	acetamiprid	SP	200 g/kg	Allice 20 SP	8723		Arysta Lifescience SA
Canola	Cabbage aphid	acetamiprid	SP	200 g/kg	Magnitude 200 SP	9226		Universal Crop Protection
Canola	Cabbage aphid	acetamiprid	SP	200 g/kg	Maintain 200 SP	9225		Villa Crop Protection
Canola	Aphids	acetamiprid	SP	200 g/kg	Mospilan 20 SP	5899		Mitsui & Co.
Canola	Aphids	acetamiprid	SP	200 g/kg	Mulan 20 SP	9167		Adama SA
Canola	Cruciferae aphid	acetamiprid	SP	200 g/kg	Tamprid	9582		Meridian Agrochemical Co.
Canola	Aphids	acetamiprid	SP	200 g/kg	Wonderland 200 SP	10057		Cedar Falls Properties 130
Canola	Aphids	acetamiprid	WG	200 g/kg	Devalan 20 SP	9492		DVA Chemicals SA
Canola	Aphids	acetamiprid	WG	200 g/kg	Mospilan 20	8192		Mitsui & Co.
Canola	African bollworm; Diamondback moth	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Canola	African bollworm; Diamondback moth; Semi-looper	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Canola	Diamondback moth	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Canola	African bollworm	beta-cyfluthrin	SC	125 g/l	Bulldock Beta 125 SC	7612		Bayer
Canola	Isopods; Slugs; Snails; Millipedes	carbaryl/metaldehyde/methiocarb	RB	10/10/5 g/kg	Moer-Tu Super	9671		Ag-Chem Africa
Canola	Aphids; Diamondback moth	chlorpyrifos/cypermethrin	EC	450/5 g/l	Cyferfos 500EC	7606		Nulandis
Canola	African bollworm	chlorpyrifos/lambda-cyhalothrin	EC	338/12 g/l	Limit 350 EC	8601		Villa Crop Protection
Canola	African bollworm	chlorpyrifos/lambda-cyhalothrin	EC	338/12 g/l	Linear 350 EC	8602		Universal Crop Protection
Canola	Diamondback moth	emamectin benzoate	WG	50 g/kg	Vitex 50	9525	14 days	Meridian Agrochemical Co.
Canola	African bollworm; Diamond back moth	indoxacarb	SC	150 g/l	Addition 150 SC	9146		Villa Crop Protection
Canola	African bollworm; Diamondback moth	indoxacarb	SC	150 g/l	Advance 150 SC	9147	3 days	Universal Crop Protection
Canola	Diamond back moth; Loopers	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Canola	Diamondback moth; Semi-loopers	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Canola	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Canola	Aphids	tau-fluvalinate	EW	240 g/l	Klartan 240 EW	5096		Adama SA
Canola	Flea beetles; Wireworms	thiamethoxam	FS	350 g/l	Cruiser	6288		Syngenta SA
Capsicums	African bollworm; Leaf miner	flubendiamide	SC	480 g/l	Belt	8860		Bayer
Carrots	Thrips	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Carrots	Nematodes	Beauveria bassiana	WP	1,5x10(9) cfu/g	Spartacus	7125		Dagutut Biolab
Carrots	Cutworms	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Carrots	Cutworms	chlorpyrifos	EC	480 g/l	Agropyrifos 480 EC	4888		Arysta Lifescience SA
Carrots	Cutworms	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	5417		Makhteshim-Agan SA
Carrots	Cutworms	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6272		Arysta Lifescience SA
Carrots	Cutworms	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6350		Universal Crop Protection
Carrots	Cutworms	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	7183		Villa Crop Protection
Carrots	Cutworm	chlorpyrifos	EC	480 g/l	Chlorpyrifos EC	5867		Cropchem
Carrots	Cutworms	chlorpyrifos	EC	480 g/l	Dursban 480 EC	5225		Dow AgroSciences SA
Carrots	Cutworms	chlorpyrifos	EC	480 g/l	Makhrofos 480 EC	7973		Makhro-Agro SA
Carrots	Cutworms	chlorpyrifos	EC	480 g/l	Pyrifos 480 EC	6397		Applied Agricultural Products (Nulandis)
Carrots	Cutworms	chlorpyrifos	EC	480 g/l	Pyrinex 480 EC	4673		Adama SA
Carrots	Cutworms	chlorpyrifos	WG	750 g/kg	Dursban 750 WG	6589	21 days	Dow AgroSciences SA
Carrots	Nematodes	furfural	EC	800 g/l	Crop Guard 80	9253		Illovo Sugar Ltd
Carrots	Nematodes	furfural	EC	900 g/l	Crop Guard	6864		Illovo Sugar Ltd
Carrots	Aphids	thiacloprid	OD	240 g/l	Biscaya 240 OD	9350		Bayer
Carrots	Aphids; Leafhopper; Whitefly	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Carrots	Nematodes	Trichoderma harzianum	WP	2x10(9) cfu/g	Romulus	7124		Dagutut Biolab
Cashew nuts	Aphids; Stinkbugs; Thrips	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Cashew nuts	Thrips	imidacloprid	SC	350 g/l	Kohinor 350 SC	8447		Adama SA
Cassava	Leafminers; Red spider mite	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Cassava	African bollworm; Army worms; Cutworms; Leafminers; Potato tuber moth; Semi-loopers; Stink bugs; Thrips; Whitefly	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Cassava	Aphids	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Cassava	Aphids	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Castor oil	Loopers	carbaryl	SC	480g/l	Sevin XLR Plus	5783		Universal Crop Protection
Castor oil	Looper	carbaryl	WP	850 g/kg	Carbaryl	3250		Kombat
Castor oil	Caterpillars	carbaryl	WP	850 g/kg	Carbaryl 850 WP	7626		Universal Crop Protection
Castor oil	Caterpillars	carbaryl	WP	850 g/kg	Karba 850 WP	1195		Villa Crop Protection
Castor oil	Caterpillar	carbaryl	WP	850 g/kg	Kombat Karbacure	3243		Kombat
Castor oil	Stink bug	parathion	EC	500 g/l	Avi-Parathion EC	1946		Avima
Castor oil	Stink bug	parathion	EC	500 g/l	Parathion 500 EC	4297		Universal Crop Protection
Celeriac	Aphids; Leafhopper; Whitefly	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Celery	Red spider mite	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Celery	Carmine spider mite; Leafminers; Red spider mite	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Celery	African bollworm; Armyworms	emamectin benzoate	WG	50 g/kg	Proclaim	7581		Syngenta SA
Celery	African bollworm	flubendiamide	SC	480 g/l	Belt	8860		Bayer
Celery	Aphids; Whitefly	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Celery	Aphids; Leafhoppers; Whitefly	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Cherries	European red mite; Red spider mite	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Cherries	African bollworm	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Cherries	African bollworm	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Cherries	Red spider mite	Beauveria bassiana	EC	4x10(9) spores/ml	Broagband	8270	0	BASF South Africa
Cherries	Nematodes	cadusafos	EW	100 g/l	Hockey 100 EW	9123		Universal Crop Protection
Cherries	Nematodes	cadusafos	EW	100 g/l	Rugby 10 ME	6368		FMC
Cherries	Nematodes	cadusafos	EW	100 g/l	Soccer 10 EW	9122		Villa Crop Protection
Cherries	Nematodes	cadusafos	GR	100 g/kg	Rugby 10 G	4110		FMC SA
Cherries	African bollworm; Antestia bug; Codling moth; False codling moth; Fruit piercing moths; Fruitflies; Leafrollers; Stink bugs; Thrips	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Cherries	Codling moth; Oriental fruit moth	Cydia pomonella granulosis virus	SC	3x10(10)	Madex Twin	9781		Madumbi Sustainable Agriculture
Cherries	Slug	dichlorvos	EC	1000 g/l	Desta 100 EC	6641		Volcano Agrosience /ta Arysta LS
Cherries	Slugs	dichlorvos	EC	1000 g/l	Devipan 100	4669		Makhteshim-Agan SA
Cherries	Slug	dichlorvos	EC	1000 g/l	Devipan 100	8633		Makhro-Agro SA
Cherries	Slugs	dichlorvos	EC	1000 g/l	Dichlorvos 1000 EC	4640		Universal Crop Protection
Cherries	African bollworm; Weevil	lambda-cyhalothrin	EC	50g/l	Lamdex 5 EC	7578		Adama SA
Cherries	Pernicious scale	methidathion	EC	420 g/l	Arythion 420 EC	9388		Arysta Lifescience SA
Cherries	Pernicious scale	methidathion	EC	420 g/l	Methidathion 420 EC	7583		Universal Crop Protection
Cherries	Pernicious scale	methidathion	EC	420 g/l	Methidathion 420 EC	7584		Villa Crop Protection
Cherries	Pernicious scale	methidathion	EC	420 g/l	Suprathion 420 EC	5439		Adama SA
Cherries	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Cherries	Aphids	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Cherries	African bollworm; False codling moth; Thrips	spinetoram	WG	250 g/l	Delegate 250 WG	8392		Dow AgroSciences SA
Cherries	African bollworm; Thrips	spinosad	SC	480 g/l	Tracer 480 SC	6557		Dow AgroSciences SA
Cherries	Aphids; Thrips	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Chick peas	Leafminers; Red spider mite; Thrips	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Chick peas	African bollworm; Armyworms; Cutworms; Leafminers; Pumpkin fly; Semi-looper; Stink bugs; Thrips; Tomato moth; White fly	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Chicory	Nematodes	cadusafos	EW	100 g/l	Rugby 10 ME	6368		FMC
Chicory	Nematodes	cadusafos	GR	100 g/kg	Rugby 10 G	4110		FMC SA
Chillies	Nematodes	furfural	EC	800 g/l	Crop Guard 80	9253		Illovo Sugar Ltd

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Chives	Thrips	oxamyl	SL	310 g/l	Vydate SL	5057		Du Pont de Nemours Int SA
Chives	Thrips	spinosad	SC	120 g/l	Eco Insect Control	7232		Agro-Serve t/a Efekto
Chives	Thrips	spinosad	SC	480 g/l	Tracer 480 SC	6557		Dow AgroSciences SA
Chives	Thrips	spinosad	WP	800 g/kg	Entrust Naturalyte 800 WP	7389		Dow AgroSciences SA
Citrus	Thrips	abamectin	EC	18 g/l	Abalone 18 EC	7458		Tsunami Plant Protection /ta Arysta LS
Citrus	Thrips	abamectin	EC	18 g/l	Abamectin Plus	5888		RT Chemicals
Citrus	Thrips	abamectin	EC	18 g/l	Agrimec 018 EC	3209		Syngenta SA
Citrus	Thrips	abamectin	EC	18 g/l	Agromectin	6798		Arysta Lifescience SA
Citrus	Thrips	abamectin	EC	18 g/l	Avermit	7783		Plaaskem
Citrus	Thrips	abamectin	EC	18 g/l	Biomectin	7979		Villa Crop Protection
Citrus	Thrips	abamectin	EC	18 g/l	Makhromectin	7941		Makhro-Agro SA
Citrus	Thrips	abamectin	EC	18 g/l	Mecti	7008		Plaaskem
Citrus	Thrips	abamectin	EC	18 g/l	Mitemex	7417		Small Pack Solution
Citrus	Thrips	abamectin	EC	18 g/l	Miticide	8501		Kombat
Citrus	Thrips	abamectin	EC	18 g/l	Sanamectin 18 EC	5928		Dow AgroSciences SA
Citrus	Thrips	abamectin	EC	18 g/l	Unimectin 18 EC	7978		Universal Crop Protection
Citrus	Thrips	abamectin	EC	36 g/l	Zoro 36 EC	8712		Cheminova
Citrus	Broad mite; Leafminer; Lowveld mite; Red spider mite; Thrips	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Citrus	Aphids; Bud mite; Orange dog; Psylla; Thrips	acephate	AL	350 g/l	Protectostem 350 AL	10146	40 days	Bitrad Consulting
Citrus	Aphids; Leafminer; Mealybug; Psylla; Red scale	acetamiprid	SL	222 g/l	Alice 222 SL	8724		Tsunami Plant Protection /ta Arysta LS
Citrus	Aphids; Leafminer; Mealybug; Psylla; Red scale	acetamiprid	SL	222 g/l	Mospilan 20 SL	5900		Mitsui & Co.
Citrus	Aphids; Leafminer; Mealy bug; Psylla; Red scale; Thrips	acetamiprid	SP	200 g/kg	Acetamiprid 200 SP	9348		Sharda International Africa CC
Citrus	Aphids; Leaf miner; Mealybug; Red scale; Thrips	acetamiprid	SP	200 g/kg	Alice 20 SP	8723	150 days	Arysta Lifescience SA
Citrus	Aphids; Mealybugs; Red scale; Thrips	acetamiprid	SP	200 g/kg	Magnitude 200 SP	9226		Universal Crop Protection
Citrus	Aphids; Mealybugs; Red scale; Thrips	acetamiprid	SP	200 g/kg	Maintain 200 SP	9225		Villa Crop Protection
Citrus	Aphids; Leafminer; Mealybug; Psylla; Red scale; Thrips	acetamiprid	SP	200 g/kg	Mospilan 20 SP	5899		Mitsui & Co.
Citrus	Aphids; Leafminer; Mealy bug; Psylla; Red scale; Thrips	acetamiprid	SP	200 g/kg	Mulan 20 SP	9167		Adama SA
Citrus	Aphids; Leafminer; Mealy bug; Psylla; Red scale; Thrips	acetamiprid	SP	200 g/kg	Nova Acet 200 SP	9847		AgriNova Trust
Citrus	Aphids; Red scale; Thrips	acetamiprid	SP	200 g/kg	Tamprid	9582		Meridian Agrochemical Co.
Citrus	Aphids; Leafminer; Mealy bug; Psylla; Red scale; Thrips	acetamiprid	WG	200 g/kg	Devalan 20 SP	9492		DVA Chemicals SA
Citrus	Aphids; Leafminers; Mealybugs; Psylla; Red scale; Thrips	acetamiprid	WG	200 g/kg	Mospilan 20	8192		Mitsui & Co.
Citrus	Thrips	acrinathrin	EW	75 g/l	Rufast EW	6585		Cheminova

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Citrus	Ants	alpha-cypermethrin	EC	100 g/l	Fastac EC	4991		BASF South Africa
Citrus	Ants	alpha-cypermethrin	EC	100 g/l	Magnum Super EC	6679		Technichem
Citrus	Ants	alpha-cypermethrin	EC	100 g/l	Sentry EC	7966		Volcano Agrosience /ta Arysta LS
Citrus	Ants	alpha-cypermethrin	SC	100 g/l	Ag-Alpha Cyper 100 SC	8473		Ag-Chem Africa
Citrus	Ants	alpha-cypermethrin	SC	100 g/l	Alpha-thrin 100 SC	7425		Villa Crop Protection
Citrus	Ants	alpha-cypermethrin	SC	100 g/l	Avalanche	6807		Klub M5
Citrus	Ants	alpha-cypermethrin	SC	100 g/l	Fastac SC	4992		BASF South Africa
Citrus	Ants	alpha-cypermethrin	SC	100 g/l	Magnum Super SC	7816		Technichem Crop Protection
Citrus	Ants	alpha-cypermethrin	SC	100 g/l	Polytrin Super 100 SC	7262		Universal Crop Protection
Citrus	Bud mite; Flat mite; Red mite	amitraz	EC	200 g/l	Mitac	4560		Volcano Agrosience
Citrus	Red mite	amitraz	EC	200 g/l	Parsec 200 EC	7912		Makhteshim-Agan SA
Citrus	Bud mite; Flat mite; Red mite	amitraz	EC	200 g/l	Samba 200 EC	7509		Arysta Lifescience SA /Protek
Citrus	Aphids; Soft brown scale	azinphos-methyl	SC	200 g/l	Azinphos 200 SC	5588		Adama SA
Citrus	Aphids; Soft brown scale	azinphos-methyl	WP	350 g/kg	Azinphos 350 WP	4851		Adama SA
Citrus	African bollworm; Leafrollers; Orange dog caterpillars	Bacillus thuringiensis var kurstaki	WG	32 000 IU/mg	Kirshhoffs Margaret Roberts Dipel Biological Cater	7112		Ball Straathof
Citrus	African bollworm; Codling moth; False codling moth	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Citrus	African bollworm; Leafroller; Orange dog caterpillar	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Citrus	False codling moth	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Citrus	False codling moth; Red scale; White fly	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Citrus	Thrips	beta-cypermethrin	EC	100 g/l	Akito	6709		Cropserve/Arysta Lifescience SA
Citrus	Red mite; Red Scale; Thrips	borax/orange oil	SL	10/50 g/l	Prev- Am	7130		Oro Agri SA
Citrus	Bud mite; Flat mite; Grey mite; Red mite; Silver mite	bromopropylate	EC	500 g/l	Flair	8196		Erintrade CC t/a R.T. Chemicals
Citrus	Mealy bug; Red scale	buprofezin	SC	500 g/l	Kabuto	8604		Meridian Agrochemical Co.
Citrus	Mealybug	buprofezin	WG	500 g/kg	Beretta WDG	8253		Villa Crop Protection
Citrus	Mealybug	buprofezin	WG	500 g/kg	Buprofezin 500 WDG	8254		Universal Crop Protection
Citrus	Mealybugs; Red scale	buprofezin	WP	500 g/kg	Applaud	3654		Bayer
Citrus	Mealy bug	buprofezin	WP	500 g/kg	Encore	7366		Erintrade CC t/a R.T. Chemicals
Citrus	Mealybug	buprofezin	WP	500 g/kg	Praise	10153	45 days	Wentek Chemicals
Citrus	Nematodes	cadusafos	EW	100 g/l	Hockey 100 EW	9123		Universal Crop Protection
Citrus	Nematodes	cadusafos	EW	100 g/l	Rugby 10 ME	6368		FMC
Citrus	Nematodes	cadusafos	EW	100 g/l	Soccer 10 EW	9122		Villa Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Citrus	Nematodes	cadusafos	GR	100 g/kg	Rugby 10 G	4110		FMC SA
Citrus	Aphids	canola oil/pyrethrin	EC	895/5 g/l	Pyrol	7062		Warren Chem
Citrus	False codling moth	chlorantraniliprole	SC	200 g/l	Coragen	8529	7 days	Du Pont de Nemours Int SA
Citrus	Thrips	chlorfenapyr	SC	240 g/l	Hunter 24 SC	8307		BASF South Africa
Citrus	Thrips	chlorfenapyr	SC	360 g/l	Nova Fenapyr 360 SC	9952		AgriNova Trust
Citrus	Thrips	chlorfenapyr	SC	360 g/l	Plumett	9860		Meridian Agrochemical Co.
Citrus	Thrips	chlorfenapyr	SC	360 g/l	Saber 360 SC	8534		Universal Crop Protection
Citrus	Thrips	chlorfenapyr	SC	360 g/l	Savage 360 SC	8533		Villa Crop Protection
Citrus	Thrips	chlorfenapyr	SC	360 g/l	Sergeant	9876		Arysta Lifescience SA
Citrus	African bollworm; Aphids; Circular purple scale; Mealy bug; Mussel scale; Orange dog caterpillar; Psylla; Red scale	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Citrus	African bollworm; Aphids; Mealy bug; Orange dog caterpillar; Psylla; Red scale	chlorpyrifos	EC	480 g/l	Agropyrifos 480 EC	4888		Arysta Lifescience SA
Citrus	African bollworm; Aphids; Orange dog caterpillar; Psylla; Red scale	chlorpyrifos	EC	480 g/l	Avi-Klorpirifos	4318	60 days	Avima
Citrus	African bollworm; Aphids; Circular purple scale; Mealy bug; Mussel scale; Orange dog caterpillar; Psylla; Red scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	5417		Makhteshim-Agan SA
Citrus	African bollworm; Aphids; Circular purple scale; Mealy bug; Mussel scale; Orange dog caterpillar; Psylla; Red scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6272		Arysta Lifescience SA
Citrus	African bollworm; Aphids; Circular purple scale; Mealy bug; Mussel scale; Orange dog caterpillar; Psylla; Red scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6350		Universal Crop Protection
Citrus	African bollworm; Aphids; Circular purple scale; Mealy bug; Mussel scale; Orange dog caterpillar; Psylla; Red scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	7183		Villa Crop Protection
Citrus	African bollworm; Aphids; Mealybug; Orange dog caterpillar; Psylla; Red scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos EC	5867		Cropchem
Citrus	African bollworm; Aphids; Mealy bug; Orange dog caterpillar; Psylla; Red scale	chlorpyrifos	EC	480 g/l	Lirifos 480 EC	4883		Gouws & Scheepers (Nulandis)
Citrus	African bollworm; Aphids; Circular purple scale; Mealybug; Mussel scale; Orange dog caterpillar; Psylla; Red Scale	chlorpyrifos	EC	480 g/l	Makhrofos 480 EC	7973		Makhro-Agro SA
Citrus	African bollworm; Aphids; Circular purple scale; Mealybug; Mussel scale; Orange dog caterpillar; Psylla; Red Scale	chlorpyrifos	EC	480 g/l	Pyrifos 480 EC	6397		Applied Agricultural Products (Nulandis)
Citrus	African bollworm; Aphids; Circular purple scale; Mealybug; Mussel scale; Orange dog caterpillar; Psylla; Red Scale	chlorpyrifos	EC	480 g/l	Pyrinex 480 EC	4673		Adama SA
Citrus	African bollworm; Aphids; Mealy bug; Orange dog; Psylla; Red scale	chlorpyrifos	EC	480 g/l	Rochlop 480 EC	5905		Rotam RSA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Citrus	African bollworm; Ants; Aphids; Circular purple scale; Mealy bug; Mussel scale; Orange dog caterpillar; Psylla; Red scale; Thrips	chlorpyrifos	WG	750 g/kg	Dursban 750 WG	6589	60 days	Dow AgroSciences SA
Citrus	African bollworm; Aphids; Mealy bug; Orange dog caterpillar; Red scale	chlorpyrifos/cypermethrin	EC	450/5 g/l	Cyferfos 500EC	7606		Nulandis
Citrus	Mealybug; Thrips	clothianidin	SC	200 g/l	Dantop 20 SC	8612		Philagro South Africa
Citrus	Snails	copper salt/sodium salt	SL	112/512 g/l	Kaput Snail Repellent	7165		Hygrotech
Citrus	False codling moth	Cryptophlebia leucotreta granulovirus	SC	2x20(10) ob's/ml	Cryptex	8037		Biological Control Products SA
Citrus	False codling moth	cryptophlebia leucotreta granulovirus	SC	5x10 (10) OBs (occlusion bodies)/ml	Cryptogran	7598		River Bioscience
Citrus	Grey mite; Lowveld mite; Rust mite	cyhexatin	SC	500 g/l	Sipcam SC	5977		Sipcam South Africa
Citrus	False codling moth; Thrips	cypermethrin	EC	200 g/l	Ag-Cypermethrin 200 EC	8491		Ag-Chem Africa
Citrus	False codling moth; Thrips	cypermethrin	EC	200 g/l	Avi-Sipermetrin EC	3980		Avima
Citrus	False codling moth; Thrips	cypermethrin	EC	200 g/l	Chanrai Cypermethrin 200 EC	8843		Chanrai SA
Citrus	Thrips	cypermethrin	EC	200 g/l	Cypermethrin	7851		Arysta Lifescience SA
Citrus	False codling moth; Thrips	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4069		Agro-Serve t/a Efekto
Citrus	Thrips	cypermethrin	EC	200 g/l	Kemprin 200 EC	3145		Arysta Lifescience SA /Protek
Citrus	Thrips	cypermethrin	EC	200 g/l	Nova Methrin 200	9930		AgriNova Trust
Citrus	False codling moth	cypermethrin	EC	200 g/l	Novacord	7866		Global Agrosociences
Citrus	Aphids	demeton-S-methyl	EC	250 g/l	Demeton EC	4852		Universal Crop Protection
Citrus	Aphids	demeton-S-methyl	EC	250 g/l	Demeton-S-Methyl	4508		Cropchem
Citrus	Aphids	demeton-S-methyl	EC	250 g/l	Demetox EC	2057		Avima
Citrus	Aphids; Circular purple scale; Psylla; Red scale; Soft brown scale	dimethoate	EC	400 g/l	Aphicide	528		Agro-Serve t/a Efekto
Citrus	Aphids; Psylla	dimethoate	EC	400 g/l	Danadim Progress	8868		Cheminova (Disa Bio-Technologies CC)
Citrus	Aphids; Mealy bug; Psylla; Red scale; Soft brown scale	dimethoate	EC	400 g/l	Dimethoate	4823		Wenkem
Citrus	Aphids; Mealy bug; Psylla; Red scale; Soft brown scale	dimethoate	EC	400 g/l	Dimethoate	7059		Volcano Agrosociences
Citrus	Aphids; Mealy bug; Psylla; Red scale; Soft brown scale	dimethoate	EC	400 g/l	Dimethoate	8455		Universal Crop Protection
Citrus	Aphids; Psylla; Red scale; Soft brown scale	dimethoate	EC	400 g/l	Dimethoate EC	4507		Cropchem
Citrus	Aphids; Psylla; Red scale; Soft brown scale	dimethoate	EC	400 g/l	Dimethoate EC	5367		Tsunami Plant Protection /ta Arysta LS
Citrus	Aphids; Mealy bug; Psylla; Red scale; Soft brown scale	dimethoate	EC	400 g/l	Dimethoate EC	7940		Makhro-Agro SA
Citrus	Aphids; Psylla; Red scale; Soft brown scale	dimethoate	EC	400 g/l	Dimeto 40 EC	1042		Avima
Citrus	Aphids; Mealy bugs; Psylla; Red scale; Soft brown scale	dimethoate	EC	400 g/l	Genoate EC	8195		Villa Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Citrus	False codling moth	dodecyl acetate E8/dodecyl acetate Z8	VP	15/15 g/kg	RB Splat FCM	10259		River Bioscience
Citrus	Nematodes	ethoprophos	GR	150 g/kg	Aalbuster	9356		Ag-Chem Africa
Citrus	Nematodes	ethoprophos	GR	150 g/kg	Mocap GR	6985		Villa Crop Protection
Citrus	Nematodes	ethoprophos	GR	150 g/kg	Successor	9354		Ag-Chem Africa
Citrus	Nematodes	ethoprophos	GR	150 g/kg	Vanquish	9355		Ag-Chem Africa
Citrus	Bud mite; Flat mite; Lowveld mite; Red mite; Rust mite	etoxazole	SC	100 g/l	Smite	6011		Philagro South Africa
Citrus	Nematodes	fenamiphos	CS	240 g/l	Nemacur 240 CS	7247		Villa Crop Protection
Citrus	Nematodes	fenamiphos	EC	400 g/l	Atador	7167		EriTrade CC t/a R.T. Chemicals
Citrus	Nematodes	fenamiphos	EC	400 g/l	Fenamiphos 400 EC	7647		Universal Crop Protection
Citrus	Nematodes	fenamiphos	EC	400 g/l	Nemacur 400 EC	367		Villa Crop Protection
Citrus	Nematodes	fenamiphos	EC	400 g/l	Spitfire 400 EC	7646		Villa Crop Protection
Citrus	Nematodes	fenamiphos	GR	100 g/kg	Nemacur 10 GR	2056		Villa Crop Protection
Citrus	Lowveld mite	fenazaquin	SC	200 g/l	Pride 200 SC	5220		Klub M5
Citrus	Lowveld citrus mit; Flat mite; Rust mite	fenazaquin	SC	200 g/l	Superior 200 SC	9517		Universal Crop Protection
Citrus	Lowveld citrus mit; Flat mite; Rust mite	fenazaquin	SC	200 g/l	Vanity 200 SC	9516		Villa Crop Protection
Citrus	Flat mite; Lowveld mite; Red mite; Rust mite	fenbutatin oxide	SC	500 g/l	Fenbutin	6751		Sipcam South Africa
Citrus	Flat mite, Lowveld milte, Red mite; Rust mite	fenbutatin oxide	SC	550 g/l	Crystal 550 SC	9050		Villa Crop Protection
Citrus	Red mite; Rust mite	fenbutatin oxide	SC	550 g/l	Mitador	6953		RT Chemicals
Citrus	Flat mite; Lowveld mite; Red mite; Rust mite	fenbutatin oxide	SC	550 g/l	Roper 550 SC	9049		Universal Crop Protection
Citrus	Flat mite; Lowveld mite; Red mite; Rust mite	fenbutatin oxide	SC	550 g/l	Torque SC	4929		BASF South Africa
Citrus	False codling moth; Thrips	fenpropathrin	EC	200 g/l	Meothrin	6385		Philagro South Africa
Citrus	False codling moth; Thrips	fenpropathrin	EW	100 g/l	Meothrin EW	8844		Philagro South Africa
Citrus	Bud mite; Flat mite; Grey mite; Lowveld mite; Rust mite; Silver mite	fenpyroximate	EC	50 g/l	Lesson 50 EC	9256		Villa Crop Protection
Citrus	Bud mite	fenpyroximate	EC	50 g/l	Mitigate	8600		Isagro SA
Citrus	Bud mite; Flat mite; Grey mite; Lowveld mite; Rust mite; Silver mite	fenpyroximate	EC	50 g/l	Relieve 50 EC	9257		Universal Crop Protection
Citrus	Thrips	fipronil	SC	200 g/l	Ciplapro-Nil 200	9383		Castle Ag-Chem
Citrus	Thrips	fipronil	SC	200 g/l	Citrunii 200 SC	8380		Tsunami Plant Protection /ta Arysta LS
Citrus	Thrips	fipronil	SC	200 g/l	Dynamite SC	8408		Villa Crop Protection
Citrus	Thrips	fipronil	SC	200 g/l	Fipronil 200 SC	9114		Sharda International Africa CC
Citrus	Thrips	fipronil	SC	200 g/l	Nova Fip 200 SC	9477		AgriNova Trust
Citrus	Thrips	fipronil	SC	200 g/l	Recoil	8360		Meridian Agrochemical Co.
Citrus	Thrips	fipronil	SC	200 g/l	Regent 200 SC	4910		BASF South Africa
Citrus	Thrips	fipronil	SC	200 g/l	Reward SC	8268		Universal Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Citrus	Thrips	fipronil	SC	200 g/l	Rossi 200 SC	8272		Villa Crop Protection
Citrus	Thrips	fipronil	SC	200 g/l	Warden 200 SC	9428		Arysta Lifescience SA
Citrus	Thrips	fipronil	SE	200 g/l	Rhyme 200 SE	8992		Cheminova (Disa Bio-Technologies CC)
Citrus	Aphids; Thrips	fipronil	WG	800 g/kg	Agadi 800 WG	8968		Makhteshim-Agan SA
Citrus	Thrips	formetanate	SP	500 g/kg	Dicarzol	8082		Klub M5
Citrus	Nematodes	fosthiazate	EC	900g/l	Nemathorin 900 EC	5612	43 days	ISK Biosciences (Disa Biotechnologies CC)
Citrus	Nematodes	fosthiazate	GR	100 g/kg	Nemathorin 100 GR	5613	43 days	ISK Biosciences (Disa Biotechnologies CC)
Citrus	Fruit fly	fruitfly attractant/permethrin	RB	100/60 g/kg	Last Call FF	7023		Insect Science
Citrus	Nematodes	furfural	EC	800 g/l	Crop Guard 80	9253		Illovo Sugar Ltd
Citrus	Nematodes	furfural	EC	900 g/l	Crop Guard	6864		Illovo Sugar Ltd
Citrus	False codling moth	Heterorhabditis bacteriophora	WP	5x10(7) ljs/sachet	Cryptonem	9251		River Bioscience
Citrus	Ants	hydramethylnon	GR	7,3 g/kg	Siege GR	5067		BASF South Africa
Citrus	Aphids; Leafminers; Psylla; Red scale	imidacloprid	SC	200 g/l	Merit 200 SC	8020		Bayer
Citrus	Aphids; Leafminer; Psylla; Red scale; Thrips	imidacloprid	SC	350 g/l	Apache 350 SC	9457		Cedar Falls Properties 130
Citrus	Black aphid; Brown aphid; Leafminer; Psylla; Red scale; Thrips	imidacloprid	SC	350 g/l	Apache Gold 350 SC	9398		Castle Ag-Chem
Citrus	Aphids; Leafminer; Psylla; Red scale; Thrips	imidacloprid	SC	350 g/l	Bandit 350 SC	8001		Arysta Lifescience SA
Citrus	Aphids; Leafminer; Psylla; Red scale; Thrips	imidacloprid	SC	350 g/l	Complete 350 SC	7959		Arysta Lifescience SA /Protek
Citrus	Aphids; Leafminer; Psylla; Red scale	imidacloprid	SC	350 g/l	Complete 350 SC	9024		Arysta Lifescience SA
Citrus	Aphids; Leafminer; Psylla; Red scale; Thrips	imidacloprid	SC	350 g/l	Confidor 350 SC	5691		Bayer
Citrus	Aphids; Red scale; Thrips	imidacloprid	SC	350 g/l	Cyrus SC	9731		Meridian Agrochemical Co.
Citrus	Aphids; Leafminer; Red scale; Psylla; Thrips	imidacloprid	SC	350 g/l	Imidacloprid 350 SC	8442		Sharda International Africa CC
Citrus	Aphids; Red scale; Psylla	imidacloprid	SC	350 g/l	Imidor 350 SC	8019		Villa Crop Protection
Citrus	Aphids; Psylla; Red scale	imidacloprid	SC	350 g/l	Imirod 350 SC	7983		Universal Crop Protection
Citrus	Aphids; Leafminer; Psylla; Red scale; Thrips	imidacloprid	SC	350 g/l	Kohinor 350 SC	8447		Adama SA
Citrus	Aphids; Leafminer; Psylla; Red scale; Thrips	imidacloprid	SC	350 g/l	Koinor 350 SC	8117		Makhro-Agro SA
Citrus	Aphids; Leafminer; Psylla; Red scale; Thrips	imidacloprid	SC	350 g/l	Koinor 350 SC	8562		Makhro-Agro SA
Citrus	Aphids; Psylla	imidacloprid	SC	350 g/l	Nova Prid 350 SC	9743		AgriNova Trust
Citrus	Aphids; Leafminer; Red scale; Psylla; Thrips	imidacloprid	SC	350 g/l	Novacloprid 350 SC	8238		Nova Agro
Citrus	Aphids; Leafminer; Red scale; Psylla; Thrips	imidacloprid	SC	350 g/l	Provado 350 SC	7740		Bayer
Citrus	Aphids; Leafminer; Psylla; Red scale; Thrips	imidacloprid	SC	350 g/l	Starbug	8008		Erintrade CC t/a R.T. Chemicals
Citrus	Aphids; Leafminer; Psylla; Red scale; Thrips	imidacloprid	SC	350 g/l	Warrant 350 SC	7729		Cheminova
Citrus	Aphids; Leafminer; Psylla; Red scale; Thrips	imidacloprid	WG	700 g/kg	Cast 700 WDG	9184		Universal Crop Protection
Citrus	Aphids; Leafminer; Psylla; Red scale; Thrips	imidacloprid	WG	700 g/kg	Confidor 70 WG	7240		Bayer

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Citrus	Aphids	imidacloprid	WG	700 g/kg	Cyrus WG	9483		Meridian Agrochemical Co.
Citrus	Aphids; Leafminer; Psylla; Red scale; Thrips	imidacloprid	WG	700 g/kg	Emit 700 WDG	9183		Villa Crop Protection
Citrus	Aphids; Leafminer; Psylla; Red scale	imidacloprid	WG	700 g/kg	Nova Prid 700 WG	9727		AgriNova Trust
Citrus	Aphids; Leafminer; Psylla; Red scale; Thrips	imidacloprid	WG	700 g/kg	Warrant 70 WG	8454		Cheminova
Citrus	African bollworm	indoxacarb	WG	300 g/kg	Indo 300 WDG	9025		Crop Asure
Citrus	African bollworm	indoxacarb	WG	300 g/kg	Margin 300 WDG	9009		Villa Crop Protection
Citrus	African bollworm	indoxacarb	WG	300 g/kg	Session 300 WDG	9010		Universal Crop Protection
Citrus	Orange dog caterpillar	indoxacarb	WG	300 g/kg	Steward	6332		Du Pont de Nemours Int SA
Citrus	Rust mite; Silver mite	mancozeb	WG	750 g/kg	Dithane 750 WG Neotec	4213		Dow AgroSciences SA
Citrus	Rust mite; Silver mite	mancozeb	WG	750 g/kg	Dithane 750 WG Neotec	5308		Agro-Serve t/a Efekto
Citrus	Rust mite	mancozeb	WG	750 g/kg	Pencozeb WG	4655		Total South Africa
Citrus	Rust mite; Silver mite	mancozeb	WG	750 g/kg	Villa Unizeb 750 WDG	8812		Villa Crop Protection
Citrus	Rust mite; Silver mite	mancozeb	WP	800 g/kg	Cozeb 800 WP	7098		Universal Crop Protection
Citrus	Rust mite; Silver mite	mancozeb	WP	800 g/kg	Dithane M-45 800 WP	2914		Dow AgroSciences SA
Citrus	Rust mite; Silver mite	mancozeb	WP	800 g/kg	Dithane M-45 800 WP NT	7484		Dow AgroSciences SA
Citrus	Rust mite	mancozeb	WP	800 g/kg	Mancozeb	4536		Cropchem
Citrus	Rust mite; Silver mite	mancozeb	WP	800 g/kg	Mancozeb	4797		Tsunami Plant Protection /ta Arysta LS
Citrus	Rust mite	mancozeb	WP	800 g/kg	Mancozeb 800 WP	7352		Volcano Agrosience
Citrus	Rust mite	mancozeb	WP	800 g/kg	Mancozeb 800 WP	7381		Ag-Chem Africa
Citrus	Rust mite	mancozeb	WP	800 g/kg	Mancozeb WP	5325		Cropchem
Citrus	Rust mite	mancozeb	WP	800 g/kg	Mancozeb WP	5396		Kombat
Citrus	Rust mite; Silver mite	mancozeb	WP	800 g/kg	Sancozeb 800 WP	3459		Dow Agrosience SA
Citrus	Rust mite	mancozeb	WP	800 g/kg	Tozeb WP	8526		Total South Africa
Citrus	Rust mite	mancozeb	WP	800 g/kg	Tridex	5323		Total South Africa
Citrus	Rust mite; Silver mite	mancozeb	WP	800 g/kg	Ventum 800 WP	8691		Nulandis
Citrus	Rust mite; Silver mite	mancozeb	WP	800 g/kg	Villa Unizeb WP	8056		Villa Crop Protection
Citrus	Rust mite; Silver mite	mancozeb	WP	800 g/kg	Vondozeb	2177		Cropserve/Arysta Lifescience SA
Citrus	Mealy bug; Scale	mercaptotion	EC	500 g/l	Avi Gard	216		Avima
Citrus	Fruit fly; Mealy bug; Mussel scale; Soft brown scale; Thrips	mercaptotion	EC	500 g/l	Datathion 500 EC	828		Nulandis
Citrus	Mealy bug; Scale	mercaptotion	EC	500 g/l	Kombat Garden Insects	4469		Kombat
Citrus	Australian bug; Circular purple scale; Mealybug; Mussel scale; Red scale; Soft brown scale; Thrips	mercaptotion	EC	500 g/l	Malasol	1353		Agro-Serve t/a Efekto
Citrus	Mealy bug; Scale	mercaptotion	EC	500 g/l	Malathion	8317		Kombat

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Citrus	Australian bug; Circular purple scale; Mealy bug; Mussel scale; Red scale; Soft brown scale; Thrips	mercaptotion	EC	500 g/l	Malathion 50% EC	4235		Agro-Serve t/a Efekto
Citrus	Red scale	mercaptotion	EC	500 g/l	Mercaptotion 500 EC	4394		Dow AgroSciences SA
Citrus	Aphids; Fruit fly; Mealy bug; Red scale	mercaptotion	EW	440 g/l	Fyfanon 440 EW	9484		Cheminova
Citrus	Fruitfly	mercaptotion	UL	1130 g/l	Avi Merkaptotoks ULV	4275		Avima
Citrus	Circular purple scale; Mussel scale; Red scale; Soft brown scale	mercaptotion	WP	250 g/kg	Avi Merkaptotoks	3031		Avima
Citrus	Aphids	methamidophos	SL	585 g/l	Bitrad Methamidophos	7015		Bitrad Consulting
Citrus	Aphids; Bud mite; Lowveld mite; Psylla; Rust mite; Soft brown scale; Thrips	methamidophos	SL	585 g/l	Methastem 585 SL	6639		Avima
Citrus	Aphids; Psylla	methamidophos	SL	585 g/l	Thamido	4646		Gouws & Scheepers (Plaaskem)
Citrus	Mealybugs; Red scale; Soft brown scale; Soft green scale; Waxy scale	methidathion	EC	420 g/l	Arythion 420 EC	9388		Arysta Lifescience SA
Citrus	Mealy bugs; Red scale; Soft brown scale; Soft green scale; Waxy scale	methidathion	EC	420 g/l	Methidathion 420 EC	7583		Universal Crop Protection
Citrus	Mealy bugs; Red scale; Soft brown scale; Soft green scale; Waxy scale	methidathion	EC	420 g/l	Methidathion 420 EC	7584		Villa Crop Protection
Citrus	Mealy bugs; Red scale; Soft brown scale; Soft green scale; Waxy scale	methidathion	EC	420 g/l	Suprathion 420 EC	5439		Adama SA
Citrus	Millipedes; Snails; Slugs; Thrips	methiocarb	SC	200 g/l	Mesuroi 200 SC	9268		Bayer
Citrus	African bollworm; Aphids; Mealybug; Orange dog caterpillar; Red scale; Soft green scale; White wax scale	methomyl	SL	200 g/l	Methomate 200 SL	8123		Villa Crop Protection
Citrus	African bollworm; Aphids; Mealy bug; Orange dog caterpillar; Red scale; Soft green scale; White wax scale	methomyl	SL	200 g/l	Methomex 200 SL	5253		Adama SA
Citrus	African bollworm; Aphids; Mealy bug; Orange dog caterpillar; Red scale; Soft green scale; White wax scale	methomyl	SL	200 g/l	Methomyl 200 SL	7100		Universal Crop Protection
Citrus	African bollworm; Aphids; Mealy bug; Orange dog caterpillar; Red scale; Soft green scale; White wax scale	methomyl	SL	200 g/l	Mylomex 200 SL	4367		Nulandis
Citrus	African bollworm; Aphids; Mealy bug; Orange dog caterpillar; Red scale; Soft green scale; White wax scale	methomyl	SP	900 g/kg	Ciplamyl 90 SP	3436		Cipla Agricare
Citrus	African bollworm; Aphids; Mealy bug; Orange dog caterpillar; Red scale; Soft green scale; White wax scale	methomyl	SP	900 g/kg	Kuik 900 SP	5602		Rotam RSA
Citrus	African bollworm; Aphids; Orange dog caterpillar; Red scale; Soft green scale; White wax scale	methomyl	SP	900 g/kg	Lannate 900 SP	2011		Du Pont de Nemours
Citrus	African bollworm; Aphids; Mealybug; Orange dog caterpillar; Red scale; Soft green scale; White wax scale	methomyl	SP	900 g/kg	Makhromex 900 SP	8140		Makhro-Agro SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Citrus	African bollworm; Aphids; Mealybugs; Orange dog caterpillar; Red scale; Soft green scale; Waxy scale	methomyl	SP	900 g/kg	Masta 900 SP	9449		Arysta Lifescience SA
Citrus	African bollworm; Aphids; Mealy bug; Orange dog caterpillar; Red scale; Soft green scale; White wax scale	methomyl	SP	900 g/kg	Methomex 900 SP	5254		Adama SA
Citrus	African bollworm; Aphids; Mealy bug; Orange dog caterpillar; Red scale; Soft green scale; White wax scale	methomyl	SP	900 g/kg	Methomyl 100 SP	6873		Tsunami Plant Protection
Citrus	African bollworm; Aphids; Mealy bug; Orange dog caterpillar; Red scale; Soft green scale; White wax scale	methomyl	SP	900 g/kg	Methomyl 90 SP	5931		Universal Crop Protection
Citrus	African bollworm; Aphids; Mealy bug; Orange dog caterpillar; Red scale; Soft green scale; White wax scale	methomyl	SP	900 g/kg	Methomyl 90 SP	7189		Villa Crop Protection
Citrus	African bollworm; Aphids; Mealy bug; Orange dog caterpillar; Red scale; Soft green scale; White wax scale	methomyl	SP	900 g/kg	Mylomex 900 SP	4783		Nulandis
Citrus	African bollworm; Aphids; Mealybug; Orange dog caterpillar; Red scale; Soft green scale; White wax scale	methomyl	SP	900 g/kg	Spitfire 900 SP	8197	2 - 28 days	Bitrad Consulting
Citrus	False codling moth	methoxyfenozide	SC	240 g/l	Runner 240 SC	7779		Dow AgroSciences SA
Citrus	African bollworm; Aphids; Psylla	mevinphos	EC	150 g/l	Mevinfos EC	4315		Universal Crop Protection
Citrus	African bollworm; Aphids; Psylla	mevinphos	EC	240 g/l	Phosdrin 240 EC	7267		Universal Crop Protection
Citrus	African bollworm; Aphids; Psylla	mevinphos	SL	500 g/l	Phosdrin 500 SL	4995		Universal Crop Protection
Citrus	Red mite; Red scale	mineral oil (heavy narrow)	EC	835 g/l	Topspray Ultra Heavy Spray Oil	7371		Sunwood Chemicals
Citrus	Red scale	mineral oil (heavy narrow)	EC	835 g/l	Winspray	6659		Engen Petroleum
Citrus	Red scale	mineral oil (heavy narrow)	EC	840 g/l	Cipron	6133		H & R Global Special Products
Citrus	Red mite, Red scale	mineral oil (heavy)	EC	835 g/l	Topspray Ultra Heavy Spray Oil	7371		Sunwood Chemicals
Citrus	Red mite; Red scale	mineral oil (heavy)	EC	844 g/l	Toxona	5205		BASF SA
Citrus	Australian bug; Bud mite; Circular purple scale; Mealy bug; Mussel scale; Red scale; Red spider mite; Soft brown scale	mineral oil (light medium)	EC	720 g/l	Oleum	3575		Agro-Serve t/a Efekto
Citrus	Red mite; Red scale	mineral oil (light narrow range)	EC	835 g/l	Orchex	5232		Sunwood Chemicals
Citrus	Red mite; Red scale	mineral oil (medium heavy)	EC	990 g/l	SK Eco Oil Spray	8443		Adama SA
Citrus	Red scale	mineral oil (medium narrow)	EC	830 g/l	Citrimist	7960		Protea Consumer Care
Citrus	Red scale	mineral oil (medium narrow)	EC	845 g/l	Bac-Oil Medium Spray Oil	7759		Lowveld Agrochem
Citrus	Red scale	mineral oil (medium narrow)	EC	985 g/l	D-C-Tron Plus	6614		Caltex Oil
Citrus	Red scale	mineral oil (medium)	EC	810 g/l	Citrole 100	4829		Total South Africa

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Citrus	Red mite; Red scale	mineral oil (medium)	EC	844 g/l	Citrex	4986		BASF SA
Citrus	Red scale	mineral oil (medium)	EC	845 g/l	H&R Medium Spray Oil	6491		H&R Global Special Products
Citrus	Red scale	mineral oil (medium)	EC	846 g/l	Medium Spray Oil	7377		Sunwood Chem
Citrus	Red scale	mineral oil (medium)	EC	850 g/l	BP Light Spray Oil	6809		BP Southern Africa
Citrus	Red scale	mineral oil (toxona base)	EC	864 g/l	Mayonnaise Oil	7670		Cropchem
Citrus	False codling moth	novaluron	EC	100 g/l	Rimon 10 EC	6285		Adama SA
Citrus	Mealybug; Red scale	omethoate	SL	800 g/l	Folimat 800 SL	2316		Arysta Lifescience SA
Citrus	Nematodes	Paecilomyces lilacinus	WP	4 x 10(9) spores/g	PL Gold	7698		Biological Control Products SA
Citrus	Nematodes	Paecilomyces lilacinus strain 251	WP	4x10(9) live spores/g	PL251	5976		Biological Control Products SA
Citrus	Red scale	parathion	EC	500 g/l	Avi-Parathion EC	1946		Avima
Citrus	Australian bug; Circular purple scale; Mealy bug; Mussel scale; Red scale	parathion	EC	500 g/l	Parathion 500 EC	4297		Universal Crop Protection
Citrus	False codling moth	parathion-methyl	CS	240 g/l	Penncap-M	5639		Total South Africa
Citrus	False codling moth	permethrin/false codling moth female pheromone	RB	60/4 g/kg	Last Call F.C.M.	6973		Insect Science
Citrus	Aphids	pirimicarb	WG	500 g/kg	Apex 500 WDG	8475		Villa Crop Protection
Citrus	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Citrus	Aphids	pirimicarb	WG	500 g/kg	Unipex 500 WDG	8474		Universal Crop Protection
Citrus	Flat mite; Grey mite; Rust mite	polysulphide sulphur	SL	320 g/l	Ciplapol S 320	6429		Cipla Agricare
Citrus	Budmite; Flatmite; Greymite; Rustmite	polysulphide sulphur	SL	320 g/l	Lime Sulphur	4230		Agro-Serve t/a Efekto
Citrus	Bud mite; Flat mite; Grey mite; Rust mite	polysulphide sulphur	SL	320 g/l	Lime Sulphur	7686		Delta Chemicals
Citrus	African bollworm; Aphids; Mealybug; Psylla; Red mite; Rust mite; Thrips	profenofos	EC	500 g/l	Avi-Profenofos 500 EC	8011		Avima
Citrus	African bollworm; Mealybugs; Psylla; Thrips	profenofos	EC	500 g/l	Farmag Profenofos 500	5547		Castle Ag-Chem
Citrus	African bollworm; Aphids; Mealybug; Psylla; Rust mite; Thrips	profenofos	EC	500 g/l	Profenofos	7032		Universal Crop Protection
Citrus	African bollworm; Aphids; Mealybugs; Psylla; Thrips	profenofos	EC	500 g/l	Profenofos 500 EC	6553		Villa Crop Protection
Citrus	African bollworm; Aphids; Mealybug; Psylla; Red mite; Rust mite; Thrips	profenofos	EC	500 g/l	Selecron 500 EC	3113		Syngenta SA
Citrus	African bollworm; Aphids; Mealybugs; Psylla; Rust mite; Thrips	profenofos	EC	500 g/l	Selefos	6950		Erintrade CC t/a R.T. Chemicals
Citrus	African bollworm; Aphids; Mealybug; Psylla; Rust mite; Thrips	profenofos	EC	500 g/l	Uni-Fenofos	7576		Universal Crop Protection
Citrus	Aphids; Mealybug; Orange dog caterpillar; Thrips	prothiophos	EC	960 g/l	Tokuthion 960 EC	924		Volcano Agrosience /ta Arysta LS
Citrus	Chinch bug	pyrethrins	SC	7,5 g/l	Xterminator	7037		Agro Organics
Citrus	Red scale	pyriproxyfen	EC	100 g/l	Fredo	8568	90 days	Sharda International Africa CC
Citrus	Red scale	pyriproxyfen	EC	100 g/l	Genesis 100 EC	7571		Volcano Agrosience /ta Arysta LS

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Citrus	Mussel scale; Red scale	pyriproxyfen	EC	100 g/l	Nemesis	7099	42-90 days	Philagro South Africa
Citrus	Mussel scale; Red scale	pyriproxyfen	EC	100 g/l	Nemesis 100 EC	6378		Philagro South Africa
Citrus	Red scale	pyriproxyfen	EC	100 g/l	ProXiX	7668		Erintrade CC t/a R.T. Chemicals
Citrus	Mussel scale; Red scale	pyriproxyfen	EC	100 g/l	Proxy 100 EC	8100		Ag-Chem Africa
Citrus	Red scale	pyriproxyfen	EC	100 g/l	Proxy-10	7568		Almond Agrochemicals
Citrus	Red scale	pyriproxyfen	EC	100 g/l	Proxyfen	7569		Arysta Lifescience SA
Citrus	Mussel scale; Red scale	pyriproxyfen	EC	100 g/l	Pyriate EC	7570		Meridian Agrochemical Co.
Citrus	Red scale	pyriproxyfen	EC	100 g/l	Pyriproxyfen 100 EC	7572		Universal Crop Protection
Citrus	Red scale	pyriproxyfen	EC	100 g/l	Scalex 100 EC	7573		Villa Crop Protection
Citrus	African bollworm; False codling moth; Thrips	spinetoram	WG	250 g/l	Delegate 250 WG	8392		Dow AgroSciences SA
Citrus	African bollworm; Thrips	spinosad	SC	480 g/l	Tracer 480 SC	6557		Dow AgroSciences SA
Citrus	African bollworm; Thrips	spinosad	WP	800 g/kg	Entrust Naturalyte 800 WP	7389		Dow AgroSciences SA
Citrus	Lowveld citrus mite; Flat mite; Red mite; Rust mite	spirodiclofen	SC	240 g/l	Diclofen 240 SC	9497		Universal Crop Protection
Citrus	Flat mite; Lowveld mite; Red mite; Rust mite	spirodiclofen	SC	240 g/l	Envidor 240 SC	7076		Bayer
Citrus	Lowveld citrus mite; Flat mite; Red mite; Rust mite	spirodiclofen	SC	240 g/l	Spirofen 240 SC	9498		Villa Crop Protection
Citrus	Lowveld mite; Red mite; Red scale; Rust mite	spirotetramat	SC	240 g/l	Movento	8559		Bayer
Citrus	Mealybugs; Red scale; Thrips	spirotetramat	SC	240 g/l	Tivoli 240 SC	9385	60 days	Villa Crop Protection
Citrus	Mealy bugs; Red scale	sulfoxaflor	SC	240 g/l	Closer 240 SC	9694	21	Dow AgroSciences SA
Citrus	Flat mite; Grey mite; Rust mite; Silver mite; Thrips	sulfur	DP	980 g/kg	Ag-Chem Dusting Sulphur	7379		Ag-Chem Africa
Citrus	Flat mite; Grey mite; Rust mite; Silver mite; Thrips	sulfur	DP	980 g/kg	Crop Dusting Sulphur	7376		Sunwood Chem
Citrus	Flat mite; Grey mite; Rust mite; Silver mite; Thrips	sulfur	DP	980 g/kg	Dusting Sulphur	5261		Universal Crop Protection
Citrus	Flat mite; Grey mite; Rust mite; Silver mite; Thrips	sulfur	DP	980 g/kg	Dusting Sulphur	5539		Sunwood Chemicals
Citrus	Flat mite; Grey mite; Rust mite; Silver mite; Thrips	sulfur	DP	980 g/kg	Dusting Sulphur	9127		Orchard Agrikem
Citrus	Flat mite; Grey mite; Rust mite; Silver mite; Thrips	sulfur	DP	980 g/kg	Dusting Sulphur (WPK)	3341		WPK Landbou
Citrus	Thrips	sulfur	DP	980 g/kg	Vine and Dusting Sulphur	1252		Plaaskem (Nulandis)
Citrus	Flat mite; Grey mite; Rust mite; Silver mite; Thrips	sulfur	SC	700 g/l	Flowable Sulphur	142		Applied Chemical Products (Nulandis)
Citrus	Flat mite; Grey mite; Rust mite; Silver mite; Thrips	sulfur	SC	800 g/l	Eco Fungimite	8756		Agro-Serve t/a Efekto
Citrus	Flat mite; Grey mite; Rust mite; Silver mite; Thrips	sulfur	SC	800 g/l	Sulfomaxx	9941		Ag-Chem Africa
Citrus	Flat mite; Grey mite; Rust mite; Silver mite; Thrips	sulfur	SC	800 g/l	SulfoStar	6982		Ag-Chem Africa
Citrus	Flat mite; Grey mite; Rust mite; Silver mite; Thrips	sulfur	WG	800 g/kg	Cosavet	6355		Sulphur Chemical Mills
Citrus	Flat mite; Grey mite; Rust mite; Silver mite; Thrips	sulfur	WG	800 g/kg	Kumulus WG	2404		BASF South Africa
Citrus	Flat mite; Grey mite; Rust mite; Silver mite; Thrips	sulfur	WG	800 g/kg	Microthiol Special	5329		Total South Africa
Citrus	Flat mite; Grey mite; Rust mite; Silver mite; Thrips	sulfur	WG	800 g/kg	Striker	6628		Chempac
Citrus	Flat mite; Grey mite; Rust mite; Silver mite; Thrips	sulfur	WG	800 g/kg	Sulgran	5727		Sunwood Chemicals
Citrus	Flat mite; Grey mite; Rust mite; Silver mite; Thrips	sulfur	WG	800 g/kg	Sulphur WDG	6045		Kenchem Trading
Citrus	Flat mite; Grey mite; Rust mite; Silver mite; Thrips	sulfur	WP	800 g/kg	Wettable Sulphur	6933		Sunwood Chemicals

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Citrus	Thrips	tartar emetic	SP	995 g/kg	Tartar Emetic	5463		Kempton Chemicals
Citrus	Thrips	tartar emetic	SP	995 g/kg	Tartar Emetic SP	4479		Universal Crop Protection
Citrus	Thrips	tartar emetic	SP	995 g/l	Tartox	5555		Brenn-O-Kem
Citrus	Thrips	tau-fluvalinate	EW	240 g/l	Klartan 240 EW	5096		Adama SA
Citrus	False codling moth	teflubenzuron	SC	150 g/l	Nomolt	4990		BASF South Africa
Citrus	Nematodes	terbufos	GR	150 g/kg	Counter FC 15g	5571		Villa Crop Protection
Citrus	Nematodes	terbufos	GR	150 g/kg	Ortofos 15 G	6608		Ortus Chemicals
Citrus	Nematodes	terbufos	GR	150 g/kg	Terbufos 15 GR	6920		Universal Crop Protection
Citrus	Nematodes	terbufos	GR	150 g/kg	Terbufos 15 GR	7186		Villa Crop Protection
Citrus	Nematodes	terbufos	GR	150 g/kg	Terfos 15 G	7582		Volcano Agrosience /ta Arysta LS
Citrus	Red mite	tetradifon	EC	81 g/l	Tedion V-18 EC	5482		Crompton Chemical
Citrus	Red mite	tetradifon	EC	81 g/l	Redspidercide	4220		Agro-Serve t/a Efekto
Citrus	Red mite	tetradifon	EC	81 g/l	Tedion EC	926		Avima
Citrus	Red mite	tetradifon	EC	81 g/l	Tedion V-18	3236		Applied Agricultural Products (Plaaskem)
Citrus	False codling moth	Thaumatotibia leucotreta granulosis virus	SC		Gratham	9038		Chempac
Citrus	Aphids; Thrips	thiacloprid	SC	480 g/l	Ag-Thiacloprid 480 SC	8476		Ag-Chem Africa
Citrus	Aphids; Thrips	thiacloprid	SC	480 g/l	Alanto	8389		Bayer
Citrus	Aphids; Thrips	thiacloprid	SC	480 g/l	Calypso 480 SC	6763		Bayer
Citrus	Aphids; Thrips	thiacloprid	SC	480 g/l	Compare 480 SC	9121		Universal Crop Protection
Citrus	Aphids; Thrips	thiacloprid	SC	480 g/l	Consult 480 SC	9120		Villa Crop Protection
Citrus	Aphids; Thrips	thiacloprid	SC	480 g/l	Topstar	8375	see label	Meridian Agrochemical Co.
Citrus	Red scale	thiamethoxam	SC	240 g/l	Actara SC	7207	176 days	Syngenta SA
Citrus	Red scale	thiamethoxam	SC	240 g/l	Sayonara	9384		Meridian Agrochemical Co.
Citrus	Red scale	thiamethoxam	WG	250 g/kg	Devaxam 250 WG	9333		DVA Chemicals SA
Citrus	Red scale	thiamethoxam	WG	250 g/kg	Thiamex 25 WG	9207		Arysta Lifescience SA
Citrus	Red scale	thiamethoxam	WG	250 g/kg	Thiatox 250 WDG	9190		Villa Crop Protection
Citrus	Red scale	thiamethoxam	WG	250 g/kg	Thiexam 250 WDG	9191		Universal Crop Protection
Citrus	False codling moth	triflumuron	SC	480 g/l	Triflumuron 480	6862		RT Chemicals
Clover	Earth flea	mercaptotion	EC	500 g/l	Malasol	1353		Agro-Serve t/a Efekto
Coffee	Antestia bug	fenthion	EC	500 g/l	Fenthion 500	6430		RT Chemicals
Coffee	Antestia bug	fenthion	EC	500 g/l	Fruitcare	9204		Starplex 83 CC
Coffee	Antestia bug	fenthion	EC	500 g/l	Grab 500 EC	5616		Gouws & Scheepers (Nulandis)
Coffee	Antestia bug	fenthion	EC	500 g/l	Lebaycid 500 EC	1270		Bayer
Coffee	Stemborer	parathion-methyl	CS	240 g/l	Penncap-M	5639		Total South Africa

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Coffee	Antestia bug; Fruit fly; Leafminer	trichlorfon	SP	950 g/kg	Trichlorfon 950 SP	6566		Almond Agro Chemicals (Pty Ltd
Coffee	Antestia bug; Fruit fly; Leafminer	trichlorfon	SP	950 g/kg	Trichlorfon 950 SP	6686		Tsunami Plant Protection /ta Arysta LS
Compost heaps	Flies; Maggots	dichlorvos	EC	1000 g/l	Devipan 100	8633		Makhro-Agro SA
Cotton	Red spider mite	abamectin	EC	18 g/l	Abamectin Plus	5888		RT Chemicals
Cotton	Red spider mite	abamectin	EC	18 g/l	Agri-mec 018 EC	3209		Syngenta SA
Cotton	Red spider mite	abamectin	EC	18 g/l	Agromectin	6798		Arysta Lifescience SA
Cotton	Red spider mite	abamectin	EC	18 g/l	Avemit	7783		Plaaskem
Cotton	Red spider mite	abamectin	EC	18 g/l	Biomectin	7979		Villa Crop Protection
Cotton	Red spider mite	abamectin	EC	18 g/l	Makhrmectin	7941		Makhro-Agro SA
Cotton	Red spider mite	abamectin	EC	18 g/l	Mect	7008		Plaaskem
Cotton	Red spider mite	abamectin	EC	18 g/l	Mitemex	7417		Small Pack Solution
Cotton	Red spider mite	abamectin	EC	18 g/l	Miticide	8501		Kombat
Cotton	Red spider mite	abamectin	EC	18 g/l	Sanamectin 18 EC	5928		Dow AgroSciences SA
Cotton	Red spider mite	abamectin	EC	18 g/l	Unimectin 18 EC	7978		Universal Crop Protection
Cotton	Red spider mite	abamectin	EC	36 g/l	Zoro 36 EC	8712		Cheminova
Cotton	Nematodes	abamectin	FS	500 g/l	Avicta 500 FS	9258		Syngenta SA
Cotton	Red spider mite	abamectin	SC	84 g/l	Agri-mec Gold	9235		Syngenta SA
Cotton	Aphids; Leafhopper	acetamiprid	SP	200 g/kg	Acetamiprid 200 SP	9348		Sharda International Africa CC
Cotton	Aphids; Leafhoppers	acetamiprid	SP	200 g/kg	Allice 20 SP	8723	21 days	Arysta Lifescience SA
Cotton	Aphids; Leafhoppers	acetamiprid	SP	200 g/kg	Magnitude 200 SP	9226		Universal Crop Protection
Cotton	Aphids; Leafhoppers	acetamiprid	SP	200 g/kg	Maintain 200 SP	9225		Villa Crop Protection
Cotton	Aphids; Leafhopper	acetamiprid	SP	200 g/kg	Mospilan 20 SP	5899		Mitsui & Co.
Cotton	Aphids; Leafhopper	acetamiprid	SP	200 g/kg	Mulan 20 SP	9167		Adama SA
Cotton	Aphids	acetamiprid	SP	200 g/kg	Nova Acet 200 SP	9847		AgriNova Trust
Cotton	Aphids; Leafhopper	acetamiprid	WG	200 g/kg	Devalan 20 SP	9492		DVA Chemicals SA
Cotton	Aphids	acetamiprid	WG	200 g/kg	Mospilan 20	8192		Mitsui & Co.
Cotton	Aphids; Red spider mite	acetamiprid/bifenthrin	EC	16/30 g/l	Aceta Star 46 EC	9255		Makhteshim-Agan SA
Cotton	African bollworm; Aphids; Leafhopper	acetamiprid/novaluron	EC	80/100 g/l	Cormoran 180 EC	9480		Makhteshim-Agan SA
Cotton	African bollworm; Cutworm; Plusia looper; Red bollworm; Spiny bollworm; Stainer	alpha-cypermethrin	EC	100 g/l	Fastac EC	4991		BASF South Africa
Cotton	African bollworm; Red bollworm; Semi-looper; Spiny bollworm; Stainers	alpha-cypermethrin	EC	100 g/l	Magnum Super EC	6679		Technichem
Cotton	African bollworm; Plusia looper; Red bollworm; Spiny bollworm; Stainers	alpha-cypermethrin	EC	100 g/l	Sentry EC	7966		Volcano Agrosience /ta Arysta LS
Cotton	African bollworm; Red bollworm; Spiny bollworm; Stainers	alpha-cypermethrin	SC	100 g/l	Ag-Alpha Cyper 100 SC	8473		Ag-Chem Africa
Cotton	African bollworm; Red bollworm; Semi-looper; Spiny bollworm; Stainers	alpha-cypermethrin	SC	100 g/l	Alpha-thrin 100 SC	7425		Villa Crop Protection
Cotton	African bollworm; Red bollworm; Semi-looper; Spiny bollworm; Stainers	alpha-cypermethrin	SC	100 g/l	Avalanche	6807		Klub M5

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Cotton	African bollworm; Cutworm; Plusia looper; Red bollworm; Spiny bollworm	alpha-cypermethrin	SC	100 g/l	Fastac SC	4992		BASF South Africa
Cotton	African bollworm; Cutworm; Plusia looper; Red bollworm; Spiny bollworm; Spodoptera; Stainers	alpha-cypermethrin	SC	100 g/l	Magnum Super SC	7816		Technichem Crop Protection
Cotton	African bollworm; Red bollworm; Semi-looper; Spiny bollworm; Stainers	alpha-cypermethrin	SC	100 g/l	Polytrin Super 100 SC	7262		Universal Crop Protection
Cotton	Red spider mite	amitraz	EC	200 g/l	Evict 200 EC	7976		Gouws & Scheepers (Plaaskem)
Cotton	Red spider mite	amitraz	EC	200 g/l	Mitac	4560		Volcano Agrosience
Cotton	Red spider mite	amitraz	EC	200 g/l	Parsec 200 EC	7912		Makhteshim-Agan SA
Cotton	Red spider mite	amitraz	EC	200 g/l	Samba 200 EC	7509		Arysta Lifescience SA /Protek
Cotton	Aphids; Red bollworm; Stainers	azinphos-methyl	SC	200 g/l	Azinphos 200 SC	5588		Adama SA
Cotton	Aphids; Red bollworm; Stainers	azinphos-methyl	WP	350 g/kg	Azinphos 350 WP	4851		Adama SA
Cotton	African bollworm; Red bollworm; Spiny bollworm; Stainers	beta-cyfluthrin	SC	125 g/l	Bulldock Beta 125 SC	7612		Bayer
Cotton	African bollworm; Red bollworm; Semi-looper; Spiny bollworm; Stainers	beta-cypermethrin	EC	100 g/l	Akito	6709		Cropserve/Arysta Lifescience SA
Cotton	American bollworm; Cotton stainer; Red bollworm; Red spider mites; Spiny bollworm	bifenthrin	EC	100 g/l	Bifenthrin 100 EC	9125		Sharda International Africa CC
Cotton	African bollworm; Red bollworm; Red spider mite; Spiny bollworm; Stainers	bifenthrin	EC	100 g/l	Seizer 100 EC	7471		Adama SA
Cotton	African bollworm; Red bollworm; Red spider mite; Spiny bollworm; Stainers	bifenthrin	EC	100g/l	Talstar 100 EC	3171		FMC SA
Cotton	Red spider mite	bromopropylate	EC	500 g/l	Flair	8196		Erintrade CC t/a R.T. Chemicals
Cotton	Aphids; Black cotton beetle; Leafhopper; Red bollworm; Spring bollworm; Stainers	carbaryl	DP	50 g/kg	Avi-Carbo DP	1703		Avima
Cotton	Red bollworm	carbaryl	DP	50 g/kg	Carbaryl Dust 50 DP	7627		Universal Crop Protection
Cotton	Aphids; Black cotton beetle; Leafhoppers; Red bollworm; Spring bollworm; Stainers	carbaryl	DP	50 g/kg	Karbachick	8610		Kombat
Cotton	Red bollworm	carbaryl	DP	50 g/kg	Karbadust 50 DP	1081		Villa Crop Protection
Cotton	Aphids; Black cotton beetle; Leafhoppers; Red bollworm; Spring bollworm; Stainers	carbaryl	DP	50 g/kg	Karbapet	8611		Kombat
Cotton	Aphids; Black cotton beetle; Leafeaters; Leafhoppers; Red bollworm; Spiny bollworm; Stainers	carbaryl	SC	480g/l	Sevin XLR Plus	5783		Universal Crop Protection
Cotton	Black cotton beetle; Leaf hoppers; Red bollworm; Spiny bollworm; Stainers	carbaryl	WP	850 g/kg	Carbaryl	3250		Kombat
Cotton	Black cotton beetle; Chafer beetles; Leafhoppers; Red bollworm; Spiny bollworm; Stainers	carbaryl	WP	850 g/kg	Carbaryl 850 WP	7626		Universal Crop Protection
Cotton	Leafhoppers; Red bollworm; Spiny bollworm; Stainers; Syagrus beetle	carbaryl	WP	850 g/kg	Karba 850 WP	1195		Villa Crop Protection
Cotton	Black cotton beetle; Leafhoppers; Red bollworm; Spiny bollworm; Stainers	carbaryl	WP	850 g/kg	Kombat Karbacure	3243		Kombat

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Cotton	Aphids	carbosulfan	EC	480 g/l	Carbostem	7859		Meridian Agrochemical Co.
Cotton	Aphids	carbosulfan	EC	480 g/l	Marshal 400 EC	3314		FMC SA
Cotton	Aphids	carbosulfan	EC	480 g/l	Rascal 480 EC	9898		Arysta Lifescience SA
Cotton	Aphids	carbosulfan	SC	400 g/l	Sharda Carbosulfan 400 SC	8954		Sharda International Africa CC
Cotton	Fall armyworm	chlorantraniliprole	SC	200 g/l	Coragen	8529	14 days	Du Pont de Nemours Int SA
Cotton	Red spider mite	chlorfenapyr	SC	240 g/l	Hunter 24 SC	8307		BASF South Africa
Cotton	Red spider mite	chlorfenapyr	SC	360 g/l	Saber 360 SC	8534		Universal Crop Protection
Cotton	Red spider mite	chlorfenapyr	SC	360 g/l	Savage 360 SC	8533		Villa Crop Protection
Cotton	Red spider mite	chlorfenapyr	SC	360 g/l	Sergeant	9876		Arysta Lifescience SA
Cotton	African bollworm; Red bollworm; Semi-looper; Spiny bollworm; Spodoptera; Stainers	cypermethrin	EC	200 g/l	Ag-Cypermethrin 200 EC	8491		Ag-Chem Africa
Cotton	African bollworm; Semi-looper; Red bollworm; Spiny bollworm; Stainers	cypermethrin	EC	200 g/l	Avi-Sipermetrin EC	3980		Avima
Cotton	African bollworm; Red bollworm; Semi-looper; Spiny bollworm; Stainers	cypermethrin	EC	200 g/l	Bitrad Cypermethrin	7014		Bitrad Consulting
Cotton	African bollworm; Leaf-eaters; Red bollworm; Semi looper; Spiny bollworm; Stainers	cypermethrin	EC	200 g/l	Chanrai Cypermethrin 200 EC	8843		Chanrai SA
Cotton	African bollworm; Red bollworm; Semi-looper; Spiny bollworm; Stainers	cypermethrin	EC	200 g/l	Cyperin 200 EC	5321		Nulandis
Cotton	African bollworm; Red bollworm; Stainers; Spiny bollworm	cypermethrin	EC	200 g/l	Cypermethrin	7851		Arysta Lifescience SA
Cotton	African bollworm; Red bollworm; Semi-looper; Spiny bollworm; Spodoptera; Stainers	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4069		Agro-Serve t/a Efekto
Cotton	African bollworm; Plusia looper; Red bollworm; Spiny bollworm; Spodoptera; Stainers	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4644		Universal Crop Protection
Cotton	African bollworm; Leaf eaters; Red bollworm; Semi-looper; Spiny bollworm; Stainers	cypermethrin	EC	200 g/l	Doodskoot EC	3285		WPK Landbou
Cotton	African bollworm; Red bollworm; Spiny bollworm	cypermethrin	EC	200 g/l	Farmag Cypermethrin	3207		Castle Ag-Chem
Cotton	African bollworm; Leafeaters; Red bollworm; Semi-looper; Spiny bollworm; Stainers	cypermethrin	EC	200 g/l	Kemprin 200 EC	3145		Arysta Lifescience SA /Protek
Cotton	African bollworm; Red bollworm; Semi-looper; Spiny bollworm; Spodoptera; Stainers	cypermethrin	EC	200 g/l	Polytrin 200 EC	5409		Villa Crop Protection
Cotton	African bollworm; Red bollworm; Semi-looper; Spiny bollworm; Stainers	cypermethrin	EC	200 g/l	Sipermetrien	4889		Arysta Lifescience SA /Protek
Cotton	African bollworm; Red bollworm; Spiny bollworm; Stainers	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Cotton	African bollworm; Red bollworm; Spiny bollworm; Stainers	deltamethrin	EC	25 g/l	Ag-Deltamethrin 25 EC	8492		Ag-Chem Africa
Cotton	African bollworm; Red bollworm; Spiny bollworm; Stainers	deltamethrin	EC	25 g/l	Celtis 25 EC	7965		Volcano Agrosience /ta Arysta LS
Cotton	African bollworm; Red bollworm; Spiny bollworm; Stainers	deltamethrin	EC	25 g/l	Delta-Thrin 25 EC	7263		Universal Crop Protection
Cotton	African bollworm; Red bollworm; Spiny bollworm; Stainers	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Cotton	African bollworm; Red bollworm; Spiny bollworm; Stainers	deltamethrin	EC	25 g/l	Deltis 2,5% EC	6511		Almond Agro Chemicals (Pty Ltd
Cotton	African bollworm	deltamethrin	EC	25 g/l	D-Tacke	7229		Erintrade CC t/a R.T. Chemicals
Cotton	African bollworm; Red bollworm; Spiny bollworm; Stainers	deltamethrin	EC	25 g/l	Servus	7271		Adama SA
Cotton	Aphids	demeton-S-methyl	EC	250 g/l	Demeton EC	4852		Universal Crop Protection
Cotton	Aphids	demeton-S-methyl	EC	250 g/l	Demetox EC	2057		Avima
Cotton	Aphids; Leafhoppers; Red Spider mite	diafenthiuron	SC	500 g/l	Pegasus 500 SC	8668		Syngenta SA
Cotton	Aphids	dimethoate	EC	400 g/l	Butcher	6313		Klub M5
Cotton	Aphids	dimethoate	EC	400 g/l	Danadim Progress	8868		Cheminova (Disa Bio-Technologies CC)
Cotton	Aphids	dimethoate	EC	400 g/l	Deus 400 EC	7610		Ag-Chem Africa
Cotton	Aphids	dimethoate	EC	400 g/l	Dimethoate	4823		Wenkem
Cotton	Aphids	dimethoate	EC	400 g/l	Dimethoate	7059		Volcano Agrosciences
Cotton	Aphids	dimethoate	EC	400 g/l	Dimethoate	8455		Universal Crop Protection
Cotton	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	4507		Cropchem
Cotton	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	5367		Tsunami Plant Protection /ta Arysta LS
Cotton	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	7940		Makhro-Agro SA
Cotton	Aphids	dimethoate	EC	400 g/l	Dimeto 40 EC	1042		Avima
Cotton	Aphids	dimethoate	EC	400 g/l	Genoate EC	8195		Villa Crop Protection
Cotton	African bollworm; Red bollworm; Semi-looper; Spiny bollworm; Stainers	esfenvalerate	EC	200 g/l	Sumi-Alpha 200 EC	6452		Philagro South Africa
Cotton	African bollworm; Red bollworm; Semi-looper; Spiny bollworm; Stainers	esfenvalerate	EC	50 g/l	Sumicidin Super	6381		Philagro South Africa
Cotton	Nematodes	fenamiphos	GR	100 g/kg	Nemacur 10 GR	2056		Villa Crop Protection
Cotton	Red spider mite	fenpropathrin	EC	200 g/l	Acathrin EC	7629		Meridian Agrochemical Co.
Cotton	Red spider mite	fenpropathrin	EC	200 g/l	Meothrin	6385		Philagro South Africa
Cotton	Red spider mite	fenpropathrin	EW	100 g/l	Meothrin EW	8844		Philagro South Africa
Cotton	African bollworm; Red bollworm; Spiny bollworm; Stainers	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	4187		Universal Crop Protection
Cotton	African bollworm; Red bollworm; Semi-looper; Spiny bollworm; Stainers	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	4603		Avima
Cotton	African bollworm; Red bollworm; Spiny bollworm; Stainers	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	7185		Villa Crop Protection
Cotton	African bollworm; Red bollworm; Spiny bollworm; Stainers	gamma-cyhalothrin	CS	60 g/l	Vantex 60 CS	7227		Cheminova (Disa Bio-Technologies CC)
Cotton	Aphids	imidacloprid	FS	600 g/l	Gaucho 600 FS	6562		Bayer
Cotton	Aphids	imidacloprid	SC	350 g/l	Bandit 350 SC	8001		Arysta Lifescience SA
Cotton	Aphids	imidacloprid	SC	350 g/l	Confidor 350 SC	5691		Bayer
Cotton	Aphids	imidacloprid	SC	350 g/l	Novacloprid 350 SC	8238		Nova Agro
Cotton	Aphids	imidacloprid	SC	350 g/l	Provado 350 SC	7740		Bayer

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Cotton	Aphids	imidacloprid	SC	350 g/l	Warrant 350 SC	7729		Cheminova
Cotton	Aphids	imidacloprid	WG	700 g/kg	Confidor 70 WG	7240		Bayer
Cotton	African bollworm; Leafhoppers; Red bollworm; Spiny bollworm	indoxacarb	EC	150 g/l	Avaunt 150 EC	8623		Du Pont de Nemours
Cotton	African bollworm; Fall armyworm; Leafhoppers; Red bollworm; Spiny bollworm	indoxacarb	EC	150 g/l	Steward 150 EC	8435	14 days	Du Pont de Nemours Int SA
Cotton	African bollworm; Fall armyworm; Leafhoppers; Red bollworm; Spiny bollworm	indoxacarb	SC	150 g/l	Addition 150 SC	9146		Villa Crop Protection
Cotton	African bollworm; Fall armyworm; Leafhoppers; Red bollworm; Spiny bollworm	indoxacarb	SC	150 g/l	Advance 150 SC	9147	14 days	Universal Crop Protection
Cotton	African bollworm; Leafhoppers; Red bollworm; Spiny bollworm	indoxacarb	SC	150 g/l	Avaunt	6678		Du Pont de Nemours
Cotton	Fall armyworm	indoxacarb	WG	300 g/kg	Steward	6332	14 days	Du Pont de Nemours Int SA
Cotton	African bollworm; Red bollworm; Spiny bollworm; Stainers	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Cotton	African bollworm; Red bollworm; Spiny bollworm; Stainers	lambda-cyhalothrin	EC	50 g/l	Ag-Lambda 50 EC	8472		Ag-Chem Africa
Cotton	African bollworm	lambda-cyhalothrin	EC	50 g/l	Attacke	7669		Erintrade CC t/a R.T. Chemicals
Cotton	African bollworm; Red bollworm; Spiny bollworm; Stainers	lambda-cyhalothrin	EC	50 g/l	Judo 50 EC	7785		Villa Crop Protection
Cotton	African bollworm; Red bollworm; Spiny bollworm; Stainers	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Cotton	African bollworm; Red bollworm; Spiny bollworm; Stainers	lambda-cyhalothrin	EC	50 g/l	Lambda 50 EC	7787		Universal Crop Protection
Cotton	African bollworm; Red bollworm; Spiny bollworm; Stainers	lambda-cyhalothrin	EC	50 g/l	Lambda EC	8546		Arysta Lifescience SA
Cotton	African bollworm; Red bollworm; Spiny bollworm; Stainers	lambda-cyhalothrin	EC	50 g/l	Makhrolam 5 EC	8141		Makhro-Agro SA
Cotton	African bollworm; Red bollworm; Spiny bollworm; Stainers	lambda-cyhalothrin	EC	50g/l	Lamdex 5 EC	7578		Adama SA
Cotton	Aphids	mercaptotion	DP	50 g/kg	Merkaptothion DP	4278		Avima
Cotton	Aphids	mineral oil (medium)	EC	810 g/l	Citrole 100	4829		Total South Africa
Cotton	African bollworm	novaluron	EC	100 g/l	Rimon 10 EC	6285		Adama SA
Cotton	Thrips	omethoate	SL	800 g/l	Folimat 800 SL	2316		Arysta Lifescience SA
Cotton	Grounds weevils; Thrips	phorate	GR	100 g/kg	Forate GR	5930		Universal Crop Protection
Cotton	Aphids	pirimicarb	WG	500 g/kg	Apex 500 WDG	8475		Villa Crop Protection
Cotton	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Cotton	Aphids	pirimicarb	WG	500 g/kg	Unipex 500 WDG	8474		Universal Crop Protection
Cotton	African bollworm; Aphids; Leafhoppers; Red spider mite; Semi-looper; Thrips	profenofos	EC	500 g/l	Farmag Profenofos 500	5547		Castle Ag-Chem
Cotton	African bollworm; Aphids; Leafhoppers; Red spider mite; Semi-looper; Thrips	profenofos	EC	500 g/l	Profenofos	7032		Universal Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Cotton	African bollworm; Aphids; Leafhoppers; Red spider mite; Semi-looper; Thrips	profenofos	EC	500 g/l	Profenofos 500 Ec	6553		Villa Crop Protection
Cotton	African bollworm; Aphids; Leafhoppers; Red spider mite; Semi-looper; Thrips	profenofos	EC	500 g/l	Selecron 500 EC	3113		Syngenta SA
Cotton	African bollworm; Aphids; Leafhoppers; Red spider mite; Semi-looper; Thrips	profenofos	EC	500 g/l	Uni-Fenofos	7576		Universal Crop Protection
Cotton	Red spider mite	propargite	EC	800 g/l	Comite EC	3230		Arysta Lifescience SA
Cotton	Aphids; Leafhopper; White fly	pymetrozine	WG	500 g/kg	Chess	8104	14 days	Syngenta SA
Cotton	Red spider mite	tetradifon	EC	81 g/l	Tedion V-18 EC	5482		Crompton Chemical
Cotton	Red spider mite	tetradifon	EC	81 g/l	Tedion EC	926		Avima
Cotton	Red spider mite	tetradifon	EC	81 g/l	Tedion V-18	3236		Applied Agricultural Products (Plaaskem)
Cotton	Aphids; Black cotton beetle; Leafhopper	thiamethoxam	FS	350 g/l	Cruiser	6288		Syngenta SA
Cotton	Aphid; Black cotton beetle; Leaf hopper	thiamethoxam	FS	600 g/l	Cruiser White	7546		Syngenta SA
Cotton	African bollworm; Red bollworm; Spiny bollworm	thiodicarb	SC	375 g/l	Larvin 375 SC	2997		Bayer
Cotton	African bollworm	thiodicarb	SC	375 g/l	Thiostar	10069		Meridian Agrochemical Co.
Cotton	African bollworm; Red bollworm; Semi-looper; Spiny bollworm; Spodoptera; Stainers	zeta-cypermethrin	EW	100 g/l	Fury 10 EW	6696		FMC
Cowpeas	Bacterial legume inoculant	Bradyrhizobium sp. Vigna Strain	SC	2x10(9) cfu/ml	Nitro-Liq Groundnut & Cowpea	8989		Natrol
Cruciferae	African bollworm; Armyworm; Greater cabbage moth; Diamond back moth; Semi-loopers	abamectin/chlorantraniliprole	SC	18/45 g/l	Voliam Targo	8545		Syngenta SA
Cruciferae	Diamond back moth	acephate	SP	750 g/kg	Ace 750 SP	4175		Nulandis
Cruciferae	Diamond back moth	acephate	SP	750 g/kg	Acephate 750	6753		RT Chemicals
Cruciferae	Diamond back moth	acephate	SP	750 g/kg	Acephate 750 SP	6473		Universal Crop Protection
Cruciferae	Diamond back moth	acephate	SP	750 g/kg	Acephate 750 SP	7181		Villa Crop Protection
Cruciferae	Diamondback moth	acephate	SP	750 g/kg	Bitrad Acephate	7013		Bitrad Consulting
Cruciferae	Diamond back moth	acephate	SP	750 g/kg	Gremlin 75 SP	8130		Volcano Agrosociences
Cruciferae	Diamond back moth	acephate	SP	750 g/kg	Orthene	190		Volcano Agrosocience /ta Arysta LS
Cruciferae	Diamond back moth	acephate	SP	750 g/kg	Racet 750 SP	5607		Rotam RSA
Cruciferae	African bollworm; Diamond back moth; Thrips	alpha-cypermethrin	EC	100 g/l	Fastac EC	4991		BASF South Africa
Cruciferae	African bollworm; Diamond back moth; Thrips	alpha-cypermethrin	EC	100 g/l	Magnum Super EC	6679		Technichem
Cruciferae	African bollworm; Diamond back moth; Thrips	alpha-cypermethrin	EC	100 g/l	Sentry EC	7966		Volcano Agrosocience /ta Arysta LS
Cruciferae	Diamond back moth larvae	alpha-cypermethrin	EW	100 g/l	Ichiban 100 EW	9248		Meridian Agrochemical Co.
Cruciferae	African bollworm; Diamond back moth; Thrips	alpha-cypermethrin	SC	100 g/l	Ag-Alpha Cyper 100 SC	8473		Ag-Chem Africa
Cruciferae	African bollworm; Diamond back moth; Thrips	alpha-cypermethrin	SC	100 g/l	Alpha-thrin 100 SC	7425		Villa Crop Protection
Cruciferae	African bollworm; Diamond back moth; Thrips	alpha-cypermethrin	SC	100 g/l	Avalanche	6807		Klub M5
Cruciferae	African bollworm; Cutworm; Diamond back moth larvae; Thrips	alpha-cypermethrin	SC	100 g/l	Fastac SC	4992		BASF South Africa

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Cruciferae	African bollworm; Cutworm; Diamond back moth	alpha-cypermethrin	SC	100 g/l	Magnum Super SC	7816		Technichem Crop Protection
Cruciferae	African bollworm; Diamond back moth; Thrips	alpha-cypermethrin	SC	100 g/l	Polytrin Super 100 SC	7262		Universal Crop Protection
Cruciferae	African bollworm; Diamond back moth	Bacillus thuringiensis var aizawai	WG	15 000 IU/mg	Florbac WG	5531		Valent BioSciences
Cruciferae	African bollworm; Diamondback moth	Bacillus thuringiensis var kurstaki	WG	32 000 IU/mg	Kirshhoffs Margaret Roberts Dipel Biological Cater	7112		Ball Straathof
Cruciferae	African bollworm; Diamondback moth	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Cruciferae	African bollworm; Diamond back moth	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DjPel DF	6441		Valent Biosciences
Cruciferae	Diamondback moth; Thrips; Whitefly	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Cruciferae	Diamondback moth	beta-cyfluthrin	SC	125 g/l	Bulldock Beta 125 SC	7612		Bayer
Cruciferae	African bollworm; Diamond back moth; Thrips	beta-cypermethrin	EC	100 g/l	Akito	6709		Cropserve/Arysta Lifescience SA
Cruciferae	Aphids	canola oil	EC	960 g/l	Vegol	7061		Warren Chem
Cruciferae	Aphids	canola oil/pyrethrin	EC	895/5 g/l	Pyrol	7062		Warren Chem
Cruciferae	Diamondback moth; Greater cabbage moth	carbaryl/deltamethrin	DP	15/0,75 g/kg	Everdeath	6281		Agro-Serve t/a Efekto
Cruciferae	Diamond back moth	carbofuran	GR	100 g/kg	Alvuran 100 G	4881		Nulandis
Cruciferae	Bagrada bug; Diamond back moth	carbofuran	GR	100 g/kg	Carbodan 10 G	7577		Adama SA
Cruciferae	Diamond back moth	carbofuran	GR	100 g/kg	Carbofuran	6649		Volcano Agrosociences
Cruciferae	Diamond back moth	carbofuran	GR	100 g/kg	Carbofuran 100 GR	6945		Universal Crop Protection
Cruciferae	Diamond back moth	carbofuran	GR	100 g/kg	Curaterr 10 GR	871		Bayer
Cruciferae	Diamond back moth	carbofuran	GR	100 g/kg	Furadan 10 GR	7558		FMC Chemicals (pty)Ltd
Cruciferae	Diamond back moth	carbofuran	GR	100 g/kg	Carbofuran 100 GR	7182		Villa Crop Protection
Cruciferae	Diamond back moth larva	cartap hydrochloride	SP	500 g/kg	Ag Tap 500 SP	7550		Ag-Chem Africa
Cruciferae	Diamondback moth	cartap hydrochloride	SP	500 g/kg	Cartap	8497		Tsunami Plant Protection /ta Arysta LS
Cruciferae	Diamond back moth	cartap hydrochloride	SP	500 g/kg	Cartap 500 SP	7661		Villa Crop Protection
Cruciferae	Diamondback moth	cartap hydrochloride	SP	500 g/kg	Cartap 500 SP	7662		Universal Crop Protection
Cruciferae	Diamondback moth	cartap hydrochloride	SP	500 g/kg	Gibsan 500 SP	7018	7 days	Nulandis
Cruciferae	Diamond back moth	cartap hydrochloride	SP	500 g/kg	Suntap 500 SP	5760		Plaaskem (Gouws & Scheepers)
Cruciferae	African bollworm; Army worms; Bagrada bug; Cutworms; Diamondback moth; Greater cabbage moth; Semi-looper; Stink bugs; Thrips; Whitefly	chlorantranilprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Cruciferae	Diamond back moth; Large white cabbage moth	chlorfenapyr	SC	240 g/l	Hunter 24 SC	8307		BASF South Africa
Cruciferae	Diamond back moth; Web worm; White cabbage butterfly	chlorfenapyr	SC	360 g/l	Saber 360 SC	8534		Universal Crop Protection
Cruciferae	Diamond back moth; Web worm; White cabbage butterfly	chlorfenapyr	SC	360 g/l	Savage 360 SC	8533		Villa Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Cruciferae	Aphids; Diamondback moth; Greater cabbage moth	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Cruciferae	Aphids; Diamondback moth	chlorpyrifos	EC	480 g/l	Agropyrifos 480 EC	4888		Arysta Lifescience SA
Cruciferae	Aphids; Diamondback moth	chlorpyrifos	EC	480 g/l	Avi-Klorpirifos	4318	7 days	Avima
Cruciferae	Aphids; Diamondback moth; Greater cabbage moth	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	5417		Makhteshim-Agan SA
Cruciferae	Aphids; Diamondback moth; Greater cabbage moth	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6272		Arysta Lifescience SA
Cruciferae	Aphids; Diamondback moth; Greater cabbage moth	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6350		Universal Crop Protection
Cruciferae	Aphids; Diamondback moth; Greater cabbage moth	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	7183		Villa Crop Protection
Cruciferae	Aphids; Diamondback moth	chlorpyrifos	EC	480 g/l	Chlorpyrifos EC	5867		Cropchem
Cruciferae	Aphids	chlorpyrifos	EC	480 g/l	Chlorpyrifos	10017		Meridian Agrochemical Co.
Cruciferae	Aphids; Diamondback moth	chlorpyrifos	EC	480 g/l	Dursban 480 EC	5225		Dow AgroSciences SA
Cruciferae	Aphids; Diamondback moth	chlorpyrifos	EC	480 g/l	Lirifos 480 EC	4883		Gouws & Scheepers (Nulandis)
Cruciferae	Aphids; Diamondback moth; Greater cabbage moth	chlorpyrifos	EC	480 g/l	Makhrofos 480 EC	7973		Makhro-Agro SA
Cruciferae	Aphids; Diamondback moth; Greater cabbage moth	chlorpyrifos	EC	480 g/l	Pyrifos 480 EC	6397		Applied Agricultural Products (Nulandis)
Cruciferae	Aphids; Diamondback moth; Greater cabbage moth	chlorpyrifos	EC	480 g/l	Pyrinex 480 EC	4673		Adama SA
Cruciferae	Aphids; Diamond back moth	chlorpyrifos	EC	480 g/l	Rochlop 480 EC	5905		Rotam RSA
Cruciferae	Aphids; Diamondback moth	chlorpyrifos	WG	750 g/kg	Dursban 750 WG	6589	7 days	Dow AgroSciences SA
Cruciferae	African bollworm; Aphids; Diamondback moth; Greater cabbage moth	chlorpyrifos/lambda-cyhalothrin	EC	338/12 g/l	Limit 350 EC	8601		Villa Crop Protection
Cruciferae	African bollworm; Aphids; Diamondback moth; Greater cabbage moth	chlorpyrifos/lambda-cyhalothrin	EC	338/12 g/l	Linear 350 EC	8602		Universal Crop Protection
Cruciferae	African bollworm; Diamondback moth; Thrips	cypermethrin	EC	20 g/l	Fruitfly	3343		Kombat
Cruciferae	African bollworm; Diamondback moth; Thrips	cypermethrin	EC	20 g/l	Garden Ripcord	3666		Agro-Serve t/a Efekto
Cruciferae	African bollworm; Diamond back moth; Thrips	cypermethrin	EC	200 g/l	Ag-Cypermethrin 200 EC	8491		Ag-Chem Africa
Cruciferae	African bollworm; Diamondback moth; Greater cabbage moth; Thrips	cypermethrin	EC	200 g/l	Avi-Sipermetrin EC	3980		Avima
Cruciferae	African bollworm; Cabbage moth; Diamondback moth; Thrips	cypermethrin	EC	200 g/l	Bitrad Cypermethrin	7014		Bitrad Consulting
Cruciferae	African bollworm; Diamond back moth; Greater cabbage moth; Thrips	cypermethrin	EC	200 g/l	Chanrai Cypermethrin 200 EC	8843		Chanrai SA
Cruciferae	African bollworm; Diamondback moth; Thrips	cypermethrin	EC	200 g/l	Cyperin 200 EC	5321		Nulandis
Cruciferae	Diamondback moth	cypermethrin	EC	200 g/l	Cypermethrin	7851		Arysta Lifescience SA
Cruciferae	African bollworm; Diamondback moth; Greater cabbage moth; Thrips	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4069		Agro-Serve t/a Efekto
Cruciferae	African bollworm; Diamond back moth; Thrips	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4644		Universal Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Cruciferae	African bollworm; Cutworms; Diamondback moth; Thrips	cypermethrin	EC	200 g/l	Doodskoot EC	3285		WPK Landbou
Cruciferae	African bollworm; Diamondback moth; Thrips	cypermethrin	EC	200 g/l	Farmag Cypermethrin	3207		Castle Ag-Chem
Cruciferae	African bollworm; Diamondback moth; Greater cabbage moth; Thrips	cypermethrin	EC	200 g/l	Kemprin 200 EC	3145		Arysta Lifescience SA /Protek
Cruciferae	African bollworm; Diamondback moth; Thrips	cypermethrin	EC	200 g/l	Knox Worm	7176		Arysta LS/Protek
Cruciferae	African bollworm; Diamondback moth; Thrips	cypermethrin	EC	200 g/l	Polytrin 200 EC	5409		Villa Crop Protection
Cruciferae	African bollworm; Diamondback moth; Thrips	cypermethrin	EC	200 g/l	Sipermetrien	4889		Arysta Lifescience SA /Protek
Cruciferae	Diamondback moth	deltamethrin	AL	60 mg/l	Servus RTU	8420		Makhro-Agro SA
Cruciferae	Diamondback moth	deltamethrin	EC	25 g/l	Ag-Deltamethrin 25 EC	8492		Ag-Chem Africa
Cruciferae	Diamondback moth	deltamethrin	EC	25 g/l	Celtis 25 EC	7965		Volcano Agrosience /ta Arysta LS
Cruciferae	Diamondback moth	deltamethrin	EC	25 g/l	Delta-Thrin 25 EC	7263		Universal Crop Protection
Cruciferae	Diamondback moth	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Cruciferae	Diamondback moth	deltamethrin	EC	25 g/l	Deltis 2,5% EC	6511		Almond Agro Chemicals (Pty Ltd
Cruciferae	Diamondback moth	deltamethrin	EC	25 g/l	Servus	7271		Adama SA
Cruciferae	Aphids	demeton-S-methyl	EC	250 g/l	Demeton EC	4852		Universal Crop Protection
Cruciferae	Aphids	demeton-S-methyl	EC	250 g/l	Demeton-S-Methyl	4508		Cropchem
Cruciferae	Aphids	demeton-S-methyl	EC	250 g/l	Demetox EC	2057		Avima
Cruciferae	Aphids; Red spider mite	diazinon	EC	275 g/l	Diazinon	4550		Gulf Chemicals t/a Arysta Lifescience SA
Cruciferae	Aphids; Red spider mite	diazinon	EC	275 g/l	Diazinon 275 EC	4941		Avima
Cruciferae	Aphids; Diamondback moth; Greater cabbage moth	dichlorvos	EC	1000 g/l	Desta 100 EC	6641		Volcano Agrosience /ta Arysta LS
Cruciferae	Aphids; Diamond back moth; Greater cabbage moth	dichlorvos	EC	1000 g/l	Devipan 100	4669		Makhteshim-Agan SA
Cruciferae	Aphids; Diamondback moth; Greater cabbage moth	dichlorvos	EC	1000 g/l	Devipan 100	8633		Makhro-Agro SA
Cruciferae	Aphids; Diamond back moth; Greater cabbage moth	dichlorvos	EC	1000 g/l	Dichlorvos 1000 EC	4640		Universal Crop Protection
Cruciferae	Aphids; Diamond back moth	dichlorvos	EC	1000 g/l	Nuvan 1000 EC	8016		Avima
Cruciferae	Aphids	dimethoate	EC	400 g/l	Aphicide	528		Agro-Serve t/a Efekto
Cruciferae	Aphids	dimethoate	EC	400 g/l	Butcher	6313		Klub M5
Cruciferae	Aphids	dimethoate	EC	400 g/l	Danadim Progress	8868		Cheminova (Disa Bio-Technologies CC)
Cruciferae	Aphids	dimethoate	EC	400 g/l	Deus 400 EC	7610		Ag-Chem Africa
Cruciferae	Aphids	dimethoate	EC	400 g/l	Dictate	9858		Meridian Agrochemical Co.
Cruciferae	Aphids	dimethoate	EC	400 g/l	Dimethoate	4823		Wenkem
Cruciferae	Aphids	dimethoate	EC	400 g/l	Dimethoate	7059		Volcano Agrosiences
Cruciferae	Aphids	dimethoate	EC	400 g/l	Dimethoate	8455		Universal Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Cruciferae	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	4507		Cropchem
Cruciferae	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	5367		Tsunami Plant Protection /ta Arysta LS
Cruciferae	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	7940		Makhro-Agro SA
Cruciferae	Aphids	dimethoate	EC	400 g/l	Dimeto 40 EC	1042		Avima
Cruciferae	Aphids	dimethoate	EC	400 g/l	Genoate EC	8195		Villa Crop Protection
Cruciferae	Army worm; Diamond back moth	emamectin benzoate	EW	20 g/l	Promec 20 EW	9729	7 days	Meridian Agrochemical Co.
Cruciferae	Diamondback moth	emamectin benzoate	WG	50 g/kg	Emma	9022	7	Arysta Lifescience SA
Cruciferae	African bollworm; Armyworms; Diamondback moth	emamectin benzoate	WG	50 g/kg	Proclaim	7581		Syngenta SA
Cruciferae	Army worms; Diamondback moth; Fall armyworm	emamectin benzoate	WG	50 g/kg	Vitex 50	9525	7 days	Meridian Agrochemical Co.
Cruciferae	Nematodes	ethoprophos	GR	150 g/kg	Mocap GR	6985		Villa Crop Protection
Cruciferae	Nematodes	ethoprophos	GR	150 g/kg	Phoscap 15 GR	9119		Universal Crop Protection
Cruciferae	Nematodes	ethoprophos	GR	150 g/kg	Procap 15 GR	9118		Villa Crop Protection
Cruciferae	Diamond back moth	fipronil	SC	200 g/l	Ciplapro-Nil 200	9383		Castle Ag-Chem
Cruciferae	Diamond back moth	fipronil	SC	200 g/l	Dynamite SC	8408		Villa Crop Protection
Cruciferae	Diamond back moth	fipronil	SC	200 g/l	Nova Fip 200 SC	9477		AgriNova Trust
Cruciferae	Diamond back moth	fipronil	SC	200 g/l	Recoil	8360		Meridian Agrochemical Co.
Cruciferae	Diamond back moth	fipronil	SC	200 g/l	Regent 200 SC	4910		BASF South Africa
Cruciferae	Diamond back moth	fipronil	SE	200 g/l	Rhyme 200 SE	8992		Cheminova (Disa Bio-Technologies CC)
Cruciferae	African bollworm; Diamondback moth	flubendiamide	SC	480 g/l	Belt	8860		Bayer
Cruciferae	African bollworm; Diamondback moth	gamma-cyhalothrin	CS	60 g/l	Vantex 60 CS	7227		Cheminova (Disa Bio-Technologies CC)
Cruciferae	Cabbage aphid	imidacloprid	SC	350 g/l	Apache 350 SC	9457		Cedar Falls Properties 130
Cruciferae	Cabbage aphid	imidacloprid	SC	350 g/l	Apache Gold 350 SC	9398		Castle Ag-Chem
Cruciferae	Aphids	imidacloprid	SC	350 g/l	Bandit 350 SC	8001		Arysta Lifescience SA
Cruciferae	Aphids	imidacloprid	SC	350 g/l	Confidor 350 SC	5691		Bayer
Cruciferae	Cabbage aphid	imidacloprid	SC	350 g/l	Cyrus SC	9731		Meridian Agrochemical Co.
Cruciferae	Aphids	imidacloprid	SC	350 g/l	Imidacloprid 350 SC	8442		Sharda International Africa CC
Cruciferae	Cabbage aphid	imidacloprid	SC	350 g/l	Kohinor 350 SC	8447		Adama SA
Cruciferae	Aphids	imidacloprid	SC	350 g/l	Koinor 350 SC	8117		Makhro-Agro SA
Cruciferae	Aphids	imidacloprid	SC	350 g/l	Koinor 350 SC	8562		Makhro-Agro SA
Cruciferae	Cabbage aphid	imidacloprid	SC	350 g/l	Novacloprid 350 SC	8238		Nova Agro
Cruciferae	Cabbage aphid	imidacloprid	SC	350 g/l	Provado 350 SC	7740		Bayer
Cruciferae	Cabbage aphid	imidacloprid	SC	350 g/l	Punto 350 SC	8852		Anasac SA
Cruciferae	Cabbage aphid	imidacloprid	SC	350 g/l	Starbug	8008		Erintrade CC t/a R.T. Chemicals

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Cruciferae	Cabbage aphid	imidacloprid	SC	350 g/l	Warrant 350 SC	7729		Cheminova
Cruciferae	Aphids	imidacloprid	WG	700 g/kg	Confidor 70 WG	7240		Bayer
Cruciferae	Aphids	imidacloprid	WG	700 g/kg	Warrant 70 WG	8454		Cheminova
Cruciferae	African bollworm; Diamondback moth; Webworm; White butterfly	indoxacarb	EC	150 g/l	Avaunt 150 EC	8623		Du Pont de Nemours
Cruciferae	African bollworm; Diamondback moth; Webworm; White butterfly	indoxacarb	EC	150 g/l	Steward 150 EC	8435	3 days	Du Pont de Nemours Int SA
Cruciferae	Army worm	indoxacarb	SC	300 g/l	Doxstar Flo	9884	3 days	Meridian Agrochemical Co.
Cruciferae	Fall armyworm	indoxacarb	SC	300 g/l	Doxstar Flo	9884	3 days	Meridian Agrochemical Co.
Cruciferae	African bollworm; Cabbage white butterfly; Diamond back moth; Web worm	indoxacarb	WG	300 g/kg	Indo 300 WDG	9025		Crop Asure
Cruciferae	African bollworm; Diamond back moth; Webworm; White butterfly	indoxacarb	WG	300 g/kg	Margin 300 WDG	9009		Villa Crop Protection
Cruciferae	African bollworm; Diamond back moth; Webworm; White butterfly	indoxacarb	WG	300 g/kg	Session 300 WDG	9010		Universal Crop Protection
Cruciferae	African bollworm; Diamond back moth; Web worm; White butterfly	indoxacarb	WG	300 g/kg	Steward	6332	3 days	Du Pont de Nemours Int SA
Cruciferae	African bollworm; Aphids; Army worm; Loopers; Diamondback moth; Thrips; Whitefly	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Cruciferae	African bollworm; Diamondback moth	lambda-cyhalothrin	EC	50 g/l	Ag-Lambda 50 EC	8472		Ag-Chem Africa
Cruciferae	African bollworm	lambda-cyhalothrin	EC	50 g/l	Judo 50 EC	7785		Villa Crop Protection
Cruciferae	African bollworm; Aphids; Armyworms; Diamondback moth; Semi-loopers; Thrips; White fly	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Cruciferae	African bollworm	lambda-cyhalothrin	EC	50 g/l	Lambda 50 EC	7787		Universal Crop Protection
Cruciferae	African bollworm	lambda-cyhalothrin	EC	50 g/l	Lambda EC	8546		Arysta Lifescience SA
Cruciferae	African bollworm; Diamondback moth	lambda-cyhalothrin	EC	50 g/l	Makhrolam 5 EC	8141		Makhro-Agro SA
Cruciferae	African bollworm; Diamond back moth	lambda-cyhalothrin	EC	50 g/l	Shamda 50 EC	10258		Sharda International Africa CC
Cruciferae	African bollworm; Diamondback moth	lambda-cyhalothrin	EC	50g/l	Lamdex 5 EC	7578		Adama SA
Cruciferae	Diamondback moth	lambda-cyhalothrin	EW	50 g/l	Lambada Aquamul	9583		Meridian Agrochemical Co.
Cruciferae	Army worms; Fall armyworm	lufenuron	EC	50 g/l	Lepidex	7977	7 days	Meridian Agrochemical Co.
Cruciferae	Diamondback moth	lufenuron	EC	50 g/l	Sorba	5343		Syngenta SA
Cruciferae	Diamondback moth; Greater cabbage moth	mercaptotion	DP	50 g/kg	Malathion DP	5966		Agro-Serve t/a Efekto
Cruciferae	Diamondback moth; Greater cabbage moth	mercaptotion	DP	50 g/kg	Merkaptotion DP	4278		Avima
Cruciferae	Diamondback moth	mercaptotion	EC	500 g/l	Avi Gard	216		Avima
Cruciferae	Diamond back moth; Fall armyworm; Greater cabbage moth	mercaptotion	EC	500 g/l	Datathion 500 EC	828		Nulandis
Cruciferae	Diamondback moth	mercaptotion	EC	500 g/l	Kombat Garden Insects	4469		Kombat
Cruciferae	Diamondback moth	mercaptotion	EC	500 g/l	Malasol	1353		Agro-Serve t/a Efekto
Cruciferae	Diamondback moth	mercaptotion	EC	500 g/l	Malathion	8317		Kombat

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Cruciferae	Diamondback moth	mercaptotion	EC	500 g/l	Malathion 50% EC	4235		Agro-Serve t/a Efekto
Cruciferae	Diamondback moth; Greater cabbage moth	mercaptotion	EC	500 g/l	Mercaptotion 500 EC	4394		Dow AgroSciences SA
Cruciferae	Diamondback moth; Greater cabbage moth	mercaptotion	EW	440 g/l	Fyfanon 440 EW	9484		Cheminova
Cruciferae	Diamondback moth; Greater cabbage moth	mercaptotion	WP	250 g/kg	Avi Mercaptotoks	3031		Avima
Cruciferae	Diamondback moth; Greater cabbage moth	mercaptotion/pyrethrins	DP	50/0,4 g/kg	Pythion 5% DP	2124		Avima
Cruciferae	Aphids; Diamond back moth; Greater cabbage moth	methamidophos	SL	585 g/l	Bitrad Methamidophos	7015		Bitrad Consulting
Cruciferae	Aphids; Diamond back moth; Greater cabbage moth	methamidophos	SL	585 g/l	Metamidofos	4531		Tsunami Plant Protection /ta Arysta LS
Cruciferae	Aphids; Diamond back moth; Greater cabbage moth	methamidophos	SL	585 g/l	Metamidofos 585 SL	4286		Universal Crop Protection
Cruciferae	Aphids; Diamondback moth; Greater cabbage moth	methamidophos	SL	585 g/l	Methamidofos 585 SL	4405		Avima
Cruciferae	Aphids; Diamondback moth	methamidophos	SL	585 g/l	Methaphos	4085		Kynoch Agrochemicals (Applied)
Cruciferae	Aphids; Diamondback moth; Greater cabbage moth	methamidophos	SL	585 g/l	Tamron 585 SL	8251		Villa Crop Protection
Cruciferae	Aphids; Diamondback moth; Greater cabbage moth	methamidophos	SL	585 g/l	Thamido	4646		Gouws & Scheepers (Plaaskem)
Cruciferae	African bollworm; Aphids; Diamondback moth; Greater cabbage moth	methomyl	SL	200 g/l	Methomate 200 SL	8123		Villa Crop Protection
Cruciferae	African bollworm; Aphids; Diamondback moth; Greater cabbage moth	methomyl	SL	200 g/l	Methomex 200 SL	5253		Adama SA
Cruciferae	African bollworm; Aphids; Diamondback moth; Greater cabbage moth	methomyl	SL	200 g/l	Methomyl 200 SL	7100		Universal Crop Protection
Cruciferae	African bollworm; Aphids; Diamondback moth; Greater cabbage moth	methomyl	SL	200 g/l	Mylomex 200 SL	4367		Nulandis
Cruciferae	African bollworm; Aphids; Diamondback moth; Greater cabbage moth	methomyl	SP	900 g/kg	Ciplamyl 90 SP	3436		Cipla Agricare
Cruciferae	African bollworm; Aphids; Diamondback moth; Greater cabbage moth	methomyl	SP	900 g/kg	Kuik 900 SP	5602		Rotam RSA
Cruciferae	African bollworm	methomyl	SP	900 g/kg	Lannate 900 SP	2011		Du Pont de Nemours
Cruciferae	African bollworm; Aphids; Diamondback moth; Greater cabbage moth	methomyl	SP	900 g/kg	Makhromex 900 SP	8140		Makhro-Agro SA
Cruciferae	Aphids; Diamondback moth; Greater cabbage moth	methomyl	SP	900 g/kg	Masta 900 SP	9449		Arysta Lifescience SA
Cruciferae	African bollworm; Aphids; Diamondback moth; Greater cabbage moth	methomyl	SP	900 g/kg	Methomex 900 SP	5254		Adama SA
Cruciferae	African bollworm; Aphids; Diamondback moth; Greater cabbage moth	methomyl	SP	900 g/kg	Methomyl 100 SP	6873		Tsunami Plant Protection
Cruciferae	African bollworm; Aphids; Diamondback moth; Greater cabbage moth	methomyl	SP	900 g/kg	Methomyl 90 SP	5931		Universal Crop Protection
Cruciferae	African bollworm; Aphids; Diamondback moth; Greater cabbage moth	methomyl	SP	900 g/kg	Methomyl 90 SP	7189		Villa Crop Protection
Cruciferae	African bollworm; Aphids; Diamondback moth; Fall armyworm; Greater cabbage moth	methomyl	SP	900 g/kg	Mylomex 900 SP	4783		Nulandis
Cruciferae	African bollworm; Aphids; Diamondback moth; Greater cabbage moth	methomyl	SP	900 g/kg	Spitfire 900 SP	8197	4 days	Bitrad Consulting

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Cruciferae	African bollworm	methoxyfenozide	SC	240 g/l	Runner 240 SC	7779		Dow AgroSciences SA
Cruciferae	Diamond back moth; Fall armyworm	methoxyfenozide/spinetoram	SC	360 g/l	Uphold 360 SC	10164	21	Dow Agrosience SA
Cruciferae	Aphids; Diamondback moth; Greater cabbage moth	mevinphos	EC	150 g/l	Mevinfos EC	4315		Universal Crop Protection
Cruciferae	Aphids; Diamondback moth; Greater cabbage moth	mevinphos	EC	240 g/l	Phosdrin 240 EC	7267		Universal Crop Protection
Cruciferae	Aphids; Diamondback moth; Greater cabbage moth	mevinphos	SL	500 g/l	Phosdrin 500 SL	4995		Universal Crop Protection
Cruciferae	Bagrada bug; Diamondback moth; Greater cabbage moth	parathion	EC	500 g/l	Avi-Parathion EC	1946		Avima
Cruciferae	Bagrada bug; Diamondback moth; Greater cabbage moth	parathion	EC	500 g/l	Parathion 500 EC	4297		Universal Crop Protection
Cruciferae	Aphids; Bagrada bug; Diamondback moth; Greater cabbage moth	phorate	GR	100 g/kg	Forate GR	5930		Universal Crop Protection
Cruciferae	Aphids	pirimicarb	AE	1 g/kg	Pirimor Aphid Killer	1200		Agro-Serve t/a Efekto
Cruciferae	Aphids	pirimicarb	WG	500 g/kg	Apex 500 WDG	8475		Villa Crop Protection
Cruciferae	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Cruciferae	Aphids	pirimicarb	WG	500 g/kg	Unipex 500 WDG	8474		Universal Crop Protection
Cruciferae	Aphids	potassium salts of fatty acids	EW	470 g/l	Neudosan	7063		Warren Chem
Cruciferae	Aphids; Diamondback moth; Greater cabbage moth; Semi-looper	profenofos	EC	500 g/l	Selecron 500 EC	3113		Syngenta SA
Cruciferae	Aphids; Whitefly	pymetrozine	WG	500 g/kg	Chess	8104	7 days	Syngenta SA
Cruciferae	Aphids; Diamondback moth	pyrethrins	EW	50 g/kg	Green-Cure EW	8548		Natrol CC
Cruciferae	Diamondback moth	pyridalyl dichloropropane-derivative	EC	500 g/l	Sumpleo	8377	7 days	Philagro South Africa
Cruciferae	Fall armyworm	spinetoram	WG	250 g/l	Delegate 250 WG	8392		Dow AgroSciences SA
Cruciferae	Diamondback moth	spinosad	SC	480 g/l	Tracer 480 SC	6557		Dow AgroSciences SA
Cruciferae	Diamondback moth	spinosad	WP	800 g/kg	Entrust Naturalyte 800 WP	7389		Dow AgroSciences SA
Cruciferae	Aphid; Whitefly	spirotetramat	SC	240 g/l	Movento	8559		Bayer
Cruciferae	Aphids	thiacloprid	OD	240 g/l	Biscaya 240 OD	9350		Bayer
Cruciferae	Aphids; Thrips; Whitefly	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Cruciferae	Diamondback moth	trichlorfon	SP	950 g/kg	Trichlorfon 950 SP	6566		Almond Agro Chemicals (Pty Ltd
Cruciferae	Diamondback moth	trichlorfon	SP	950 g/kg	Trichlorfon 950 SP	6686		Tsunami Plant Protection /ta Arysta LS
Cruciferae	African bollworm; Diamondback moth; Thrips	zeta-cypermethrin	EW	100 g/l	Fury 10 EW	6696		FMC
Cucurbits	Leafminers; Spider mites	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Cucurbits	African bollworm	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Cucurbits	African bollworm; Semi-looper	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Cucurbits	Red spider mite; White fly	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Cucurbits	Red spider mite; Whitefly	Beauveria bassiana	WG	2 x 10(9) spores/g	Eco-BB	8469		Plant Health Products

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Cucurbits	Leaf hoppers; White fly	borax/orange oil	SL	10/50 g/l	Prev- Am	7130		Oro Agri SA
Cucurbits	African bollworm; Army worms; Cutworm; Leafminers; Pumpkin fly; Semi-loopers; Stink bug; Thrips Whitefly	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Cucurbits	Aphids	dimethoate	EC	400 g/l	Aphicide	528		Agro-Serve t/a Efekto
Cucurbits	Aphids	dimethoate	EC	400 g/l	Danadim Progress	8868		Cheminova (Disa Bio-Technologies CC)
Cucurbits	Aphids	dimethoate	EC	400 g/l	Deus 400 EC	7610		Ag-Chem Africa
Cucurbits	Aphids	dimethoate	EC	400 g/l	Dimethoate	4823		Wenkem
Cucurbits	Aphids	dimethoate	EC	400 g/l	Dimethoate	7059		Volcano Agrosociences
Cucurbits	Aphids	dimethoate	EC	400 g/l	Dimethoate	8455		Universal Crop Protection
Cucurbits	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	4507		Cropchem
Cucurbits	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	5367		Tsunami Plant Protection /ta Arysta LS
Cucurbits	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	7940		Makhro-Agro SA
Cucurbits	Aphids	dimethoate	EC	400 g/l	Dimeto 40 EC	1042		Avima
Cucurbits	Aphids	dimethoate	EC	400 g/l	Genoate EC	8195		Villa Crop Protection
Cucurbits	Nematodes	ethoprophos	GR	150 g/kg	Mocap GR	6985		Villa Crop Protection
Cucurbits	Nematodes	ethoprophos	GR	150 g/kg	Phoscap 15 GR	9119		Universal Crop Protection
Cucurbits	Nematodes	ethoprophos	GR	150 g/kg	Procap 15 GR	9118		Villa Crop Protection
Cucurbits	Aphids; Pumpkin fly	fenthion	EC	500 g/l	Fenthion 500	6430		RT Chemicals
Cucurbits	Aphids; Pumpkin fly	fenthion	EC	500 g/l	Fruitcare	9204		Starplex 83 CC
Cucurbits	Aphids; Pumpkin fly	fenthion	EC	500 g/l	Grab 500 EC	5616		Gouws & Scheepers (Nulandis)
Cucurbits	Aphids; Pumpkin fly	fenthion	EC	500 g/l	Lebaycid 500 EC	1270		Bayer
Cucurbits	African bollworm	flubendiamide	SC	480 g/l	Belt	8860		Bayer
Cucurbits	Aphids	imidacloprid	SC	200 g/l	Merit 200 SC	8020		Bayer
Cucurbits	Aphids	imidacloprid	SC	350 g/l	Apache 350 SC	9457		Cedar Falls Properties 130
Cucurbits	Aphids	imidacloprid	SC	350 g/l	Apache Gold 350 SC	9398		Castle Ag-Chem
Cucurbits	Aphids	imidacloprid	SC	350 g/l	Bandit 350 SC	8001		Arysta Lifescience SA
Cucurbits	Aphids	imidacloprid	SC	350 g/l	Complete 350 SC	7959		Arysta Lifescience SA /Protek
Cucurbits	Aphids	imidacloprid	SC	350 g/l	Complete 350 SC	9024		Arysta Lifescience SA
Cucurbits	Aphids	imidacloprid	SC	350 g/l	Confidor 350 SC	5691		Bayer
Cucurbits	Aphids	imidacloprid	SC	350 g/l	Cyrus SC	9731		Meridian Agrochemical Co.
Cucurbits	Aphids	imidacloprid	SC	350 g/l	Imidacloprid 350 SC	8442		Sharda International Africa CC
Cucurbits	Aphids	imidacloprid	SC	350 g/l	Kohinor 350 SC	8447		Adama SA
Cucurbits	Aphids	imidacloprid	SC	350 g/l	Koinor 350 SC	8117		Makhro-Agro SA
Cucurbits	Aphids	imidacloprid	SC	350 g/l	Koinor 350 SC	8562		Makhro-Agro SA
Cucurbits	Aphids	imidacloprid	SC	350 g/l	Novacloprid 350 SC	8238		Nova Agro

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Cucurbits	Aphids	imidacloprid	SC	350 g/l	Provado 350 SC	7740		Bayer
Cucurbits	Aphids	imidacloprid	SC	350 g/l	Punto 350 SC	8852		Anasac SA
Cucurbits	Aphids	imidacloprid	SC	350 g/l	Starbug	8008		Erintrade CC t/a R.T. Chemicals
Cucurbits	Aphids	imidacloprid	SC	350 g/l	Warrant 350 SC	7729		Cheminova
Cucurbits	Aphids	imidacloprid	WG	700 g/kg	Confidor 70 WG	7240		Bayer
Cucurbits	Aphids	imidacloprid	WG	700 g/kg	Warrant 70 WG	8454		Cheminova
Cucurbits	African bollworm	indoxacarb	EC	150 g/l	Avaunt 150 EC	8623		Du Pont de Nemours
Cucurbits	African bollworm	indoxacarb	EC	150 g/l	Steward 150 EC	8435	3 days	Du Pont de Nemours Int SA
Cucurbits	African bollworm	indoxacarb	WG	300 g/kg	Steward	6332	3 days	Du Pont de Nemours Int SA
Cucurbits	Aphids; Army worm; Leafminers; Loopers; Thrips; Whitefly	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Cucurbits	Aphids; Army worm; Leafminers; Loopers; Thrips; Whitefly	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Cucurbits	Diamondback moth; Looper spp	lambda-cyhalothrin	EW	50 g/l	Lambda Aquamul	9583		Meridian Agrochemical Co.
Cucurbits	Ladybird; Pumpkin fly	mercaptotion	EC	500 g/l	Avi Gard	216		Avima
Cucurbits	Pumpkin flies	mercaptotion	EC	500 g/l	Datathion 500 EC	828		Nulandis
Cucurbits	Ladybirds; Pumpkin fly	mercaptotion	EC	500 g/l	Kombat Garden Insects	4469		Kombat
Cucurbits	Pumpkin flies	mercaptotion	EC	500 g/l	Malasol	1353		Agro-Serve t/a Efekto
Cucurbits	Ladybird; Pumpkin fly	mercaptotion	EC	500 g/l	Malathion	8317		Kombat
Cucurbits	Pumpkin fly	mercaptotion	EC	500 g/l	Malathion 50% EC	4235		Agro-Serve t/a Efekto
Cucurbits	Ladybirds; Pumpkin flies	mercaptotion	EC	500 g/l	Mercaptotion 500 EC	4394		Dow AgroSciences SA
Cucurbits	Ladybirds; Pumpkin flies	mercaptotion	EW	440 g/l	Fyfanon 440 EW	9484		Cheminova
Cucurbits	Aphids; Ladybirds; Pumpkin fly	mercaptotion	WP	250 g/kg	Avi Merkaptotoks	3031		Avima
Cucurbits	African bollworm	methoxyfenozide	SC	240 g/l	Runner 240 SC	7779		Dow AgroSciences SA
Cucurbits	Aphids	mevinphos	EC	150 g/l	Mevinfos EC	4315		Universal Crop Protection
Cucurbits	Aphids	mevinphos	EC	240 g/l	Phosdrin 240 EC	7267		Universal Crop Protection
Cucurbits	Red spider mite	milbemectin	EC	10 g/l	Milbeknock 1% EC	6654		Sumitomo Corporation/Protek
Cucurbits	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Cucurbits	Aphids; Whitefly	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Cucurbits	Pumpkin fly	spinosad	CB	0,24 g/l	Eco Fruitfly Bait GF-120 *	7333		Agro-Serve t/a Efekto
Cucurbits	Fruit flies; Pumpkin fly	spinosad	CB	0,24g/l	Gf-120 NF	7331		Dow AgroSciences SA
Cucurbits	African bollworm; American leafminer; Thrips	spinosad	SC	120 g/l	Eco Insect Control	7232		Agro-Serve t/a Efekto
Cucurbits	African bollworm; American leafminer; Thrips	spinosad	SC	480 g/l	Tracer 480 SC	6557		Dow AgroSciences SA
Cucurbits	African bollworm; American leafminer; Thrips; Tomato leafminer	spinosad	WP	800 g/kg	Entrust Naturalyte 800 WP	7389		Dow AgroSciences SA
Cucurbits	Aphids; Whitefly	spirotetramat	SC	240 g/l	Movento	8559		Bayer
Cucurbits	Aphids; Whitefly; Wireworms	thiamethoxam	FS	350 g/l	Cruiser	6288		Syngenta SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Cucurbits	Aphids; Whitefly; Wireworms	thiamethoxam	FS	600 g/l	Cruiser White	7546		Syngenta SA
Cucurbits	Aphids; Leafminers; Whitefly	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Cucurbits	Pumpkin fly	trichlorfon	SP	950 g/kg	Trichlorfon 950 SP	6566		Almond Agro Chemicals (Pty Ltd
Cucurbits	Pumpkin flies	trichlorfon	SP	950 g/kg	Trichlorfon 950 SP	6686		Tsunami Plant Protection /ta Arysta LS
Endives	African bollworm; Fall armyworm	flubendiamide	SC	480 g/l	Belt	8860		Bayer
Endives	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Farms	Gerbils; Mice; Rats	coumatetralyl	RB	0,375 g/kg	Mirron Grain Bait	9495		Villa Crop Protection
Fennel	Aphids	spirotetramat	SC	240 g/l	Movento	8559		Bayer
Figs	African bollworm	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Figs	African bollworm; Semi-looper	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Figs	Red spider mite; White fly	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Figs	African bollworm; Black fig fly	spinetoram	WG	250 g/l	Delegate 250 WG	8392		Dow AgroSciences SA
Flowers & Ornamentals	American leafminer; Red spider mite	abamectin	EC	18 g/l	Agrimec 018 EC	3209		Syngenta SA
Flowers & Ornamentals	Pine emperor moth; Wattle bagworm	alpha-cypermethrin	SC	100 g/l	Magnum Super SC	7816		Technichem Crop Protection
Flowers & Ornamentals	Red spider mite	amitraz	EC	200 g/l	Evict 200 EC	7976		Gouws & Scheepers (Plaaskem)
Flowers & Ornamentals	Red spider mite	amitraz	EC	200 g/l	Mitac	4560		Volcano Agrosience
Flowers & Ornamentals	African bollworm; Lawn caterpillar; Lily borer; Pine tree emperor moth	Bacillus thuringiensis var kurstaki	WG	32 000 IU/mg	Kirshhoffs Margaret Roberts Dipel Biological Cater	7112		Ball Straathof
Flowers & Ornamentals	Aphids; Red spider mite	Beauveria bassiana	WP	2x10 (10) spores/g	BbPlus	7160		Becker Underwood SA
Flowers & Ornamentals	Aphids; Red spider mite; Whitefly	canola oil/garlic extract	SL	478/478 g/l	Margaret Roberts Organic Insecticide	7149		Ball Straathoff
Flowers & Ornamentals	Ants; Aphids; Astylus beetle; CMR beetle; Red spider mite; Thrips; White fly	canola oil/garlic extract/pyrethrum	SL	473/473/2,75 g/l	Kirchhoffs Ludwigs Insect Spray	7150		Ball Straathoff
Flowers & Ornamentals	Ants; Aphids; Astylus beetle; CMR beetle; Red spider mite; Whitefly	canola/garlic extract/pyrethrum	SL	473/473/2,75 g/l	Ludwig's Insect Spray	7631		Ball Straathof
Flowers & Ornamentals	African bollworm; Aphids; Mealy bug; Pernicious scale; Red scale; Red spider mite	chlorpyrifos	EC	480 g/l	Avi-Klorpirifos	4318		Avima
Flowers & Ornamentals	African bollworm; Aphids; Australian bug; Mealy bug; Pernicious scale; Red scale; Red spider mite	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	5417		Makhteshim-Agan SA
Flowers & Ornamentals	African bollworm; Aphids; Australian bug; Mealy bug; Pernicious scale; Red scale; Red spider mite	chlorpyrifos	EC	480 g/l	Pyrifos 480 EC	6397		Applied Agricultural Products (Nulandis)
Flowers & Ornamentals	Slugs; Snails	copper	AL	2,8 g/l	Kaput	7287		Hygrotech
Flowers & Ornamentals	African bollworm; Aphids; Australian bug; CMR beetle; Flower beetle; Lawn caterpillar; Mealy bug; Whitefly	cypermethrin	EC	200 g/l	Novacord	7866		Global Agrosiences

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Flowers & Ornamentals	African bollworm; Aphids; Australian bug; Chafer beetles; Flower beetle; Lily borer; Shieldbugs; Shorthorned grasshopper; Thrips; Whitefly	deltamethrin	SC	10 g/l	K-O Gard SC 10	4794	n/a	Bayer
Flowers & Ornamentals	Blotch leafminer; Channel leafminer; Disinsectionation; Lawn caterpillar; Mealybug; Semi-looper	dichlorvos	EC	1000 g/l	Nuvan 1000 EC	8016		Avima
Flowers & Ornamentals	Aphids; Black moth	dimethoate	EC	400 g/l	Dimethoate	4823		Wenkem
Flowers & Ornamentals	Aphids; Black moth	dimethoate	EC	400 g/l	Dimethoate	7059		Volcano Agrosociences
Flowers & Ornamentals	Red spider mite	etoxazole	SC	100 g/l	Rose Spider Mite	6943		Ball Straathof
Flowers & Ornamentals	African bollworm; Aphids	garlic extract	SL	500 g/l	Margaret Roberts Garlic Insect Repellent	7151		Ball Straathof
Flowers & Ornamentals	Ants	hydramethylnon	GR	10 g/kg	Maxforce Ant Bait Granules	5658		Bayer ES
Flowers & Ornamentals	Ants	hydramethylnon	RB	10 g/kg	Dyant Take Away	6015		Adcock Ingram
Flowers & Ornamentals	Ants	hydramethylnon	RB	12 g/kg	Rampage RB	8998		Avima
Flowers & Ornamentals	Aphids; Mealybugs; Mirids; Thrips	imidacloprid	GR	50 g/kg	Confidor WG 5	8021		Bayer
Flowers & Ornamentals	Aphids	imidacloprid	SC	350 g/l	Complete 350 SC	9024		Arysta Lifescience SA
Flowers & Ornamentals	Aphids; Australian bug; Mealybugs	imidacloprid	XX	25 g/kg	Confidor Pins	8022		Bayer
Flowers & Ornamentals	Aphids; Astylus beetle; CMR beetles; Crickets; Grasshoppers; Lawn caterpillar; Mealy bug; Thrips	mercaptotion	EC	500 g/l	Kombat Garden Insects	4469		Kombat
Flowers & Ornamentals	Aphids; Carnation worm	methomyl	SP	900 g/kg	Ciplamyl 90 SP	3436		Cipla Agricare
Flowers & Ornamentals	Aphids; Carnation worm	methomyl	SP	900 g/kg	Methomyl 100 SP	6873		Tsunami Plant Protection
Flowers & Ornamentals	Red scale; Red spider mite	mineral oil (medium)	EC	844 g/l	Citrex	4986		BASF SA
Flowers & Ornamentals	Aphids; Soft brown scale; Thrips; Whitefly	permethrin	AL	2,5 g/l	Bio-Kill Garden Spray	5490		Environmental Products
Flowers & Ornamentals	Pernicious scale	polysulphide sulphur	SL	320 g/l	Ciplapol S 320	6429		Cipla Agricare
Flowers & Ornamentals	Red spider mite; Thrips	sulfur	WG	800 g/kg	Sulphur WDG	6045		Kenchem Trading
Flowers & Ornamentals	Red spider mite	tetradifon	EC	81 g/l	Tedion V-18 EC	5482		Crompton Chemical
Flowers & Ornamentals	Red spider mite	tetradifon	EC	81 g/l	Tedion V-18	3236		Applied Agricultural Products (Plaaskem)
Flowers & Ornamentals	Aphids	thiamethoxam	WG	250 g/kg	Devaxam 250 WG	9333		DVA Chemicals SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Garbage, Manure and Compost heaps	Fly maggots	dichlorvos	EC	1000 g/l	Devipan 100	4669		Makhteshim-Agan SA
Garbage, Manure and Compost heaps	Fly maggots	dichlorvos	EC	1000 g/l	Dichlorvos 1000 EC	4640		Universal Crop Protection
Garbage, manure, compost heaps	Fly maggots	trichlorfon	SP	950 g/kg	Trichlorfon 950 SP	6566		Almond Agro Chemicals
Gardens	African bollworm; Cutworms; Lawn caterpillar; Semi-looper	cypermethrin/piperonyl butoxide	EC	8,0/40,0 g/l	Spray-Kill for Worms, Caterpillars, Loopers	4191		Effecticide
Gardens	Ants; Crickets; Northern harvester termite	cypermethrin/piperonyl butoxide	GR	3/15 g/kg	Scatter-kill for Insects	4118		Effecticide
Garlic	Thrips	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Ginger	Leafminers; Red spider mite	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Ginger	African bollworm; Army worms; Cutworms; Leafminers; Potato tuber moth; Semi-loopers; Stink bugs; Thrips; Whitefly	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Ginger	Nematodes	fenamiphos	GR	100 g/kg	Nemacur 10 GR	2056		Villa Crop Protection
Ginger	Fruit sucking bug; Stinkbug	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Ginger	Aphids	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Glass houses and tunnels	Aphids; Red spider mite	Beauveria bassiana	WP	2x10 (10) spores/g	BbPlus	7160		Becker Underwood SA
Gooseberries	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Gooseberries	African bollworm; Thrips	spinosad	SC	480 g/l	Tracer 480 SC	6557		Dow AgroSciences SA
Granadillas	Red spider mite; White fly	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Granadillas	Mealy bug; Pumpkin fly; Scale; Thrips	mercaptotion	EC	500 g/l	Avi Gard	216		Avima
Granadillas	Circular purple scale; Fruit fly; Mealy bug; Soft scale; Thrips; White scale	mercaptotion	EC	500 g/l	Datathion 500 EC	828		Nulandis
Granadillas	Mealy bug; Pumpkin fly; Scale; Thrips	mercaptotion	EC	500 g/l	Kombat Garden Insects	4469		Kombat
Granadillas	Circular purple scale; Mealy bug; Soft scale; Thrips; White scale	mercaptotion	EC	500 g/l	Malasol	1353		Agro-Serve t/a Efekto
Granadillas	Mealy bug; Pumpkin fly; Scale; Thrips	mercaptotion	EC	500 g/l	Malathion	8317		Kombat
Granadillas	Circular purple scale; Mealy bug; Soft brown scale; Thrips; White scale	mercaptotion	EC	500 g/l	Malathion 50% EC	4235		Agro-Serve t/a Efekto
Granadillas	Circular purple scale; Pumpkin flies; Red scale; Soft scale; Thrips; White scale	mercaptotion	EC	500 g/l	Mercaptotion 500 EC	4394		Dow AgroSciences SA
Granadillas	Pumpkin flies; Scale; Thrips	mercaptotion	EW	440 g/l	Fyfanon 440 EW	9484		Cheminova
Granadillas	Mealy bug; Purple scale; Pumpkin flies; Red scale; Soft brown scale; Thrips; White scale	mercaptotion	WP	250 g/kg	Avi Merkaptotoks	3031		Avima
Grapes	Weevil	acephate	SP	750 g/kg	Acephate 750 SP	6473		Universal Crop Protection
Grapes	Weevils	acephate	SP	750 g/kg	Acephate 750 SP	7181		Villa Crop Protection
Grapes	Weevil	acephate	SP	750 g/kg	Bitrad Acephate	7013		Bitrad Consulting
Grapes	Weevil	acephate	SP	750 g/kg	Gremlin 75 SP	8130		Volcano Agrosciences
Grapes	Weevils	acephate	SP	750 g/kg	Orthene	190		Volcano Agroscience /ta Arysta LS
Grapes	Weevils	acephate	SP	750 g/kg	Racet 750 SP	5607		Rotam RSA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Grapes	Mealy bug	acetamiprid	SP	200 g/kg	Acetamiprid 200 SP	9348		Sharda International Africa CC
Grapes	Mealybug	acetamiprid	SP	200 g/kg	Mospilan 20 SP	5899		Mitsui & Co.
Grapes	Mealy bug	acetamiprid	SP	200 g/kg	Nova Acet 200 SP	9847		AgriNova Trust
Grapes	Mealy bug	acetamiprid	SP	200 g/kg	Tamprid	9582		Meridian Agrochemical Co.
Grapes	Mealy bug	acetamiprid	WG	200 g/kg	Devalan 20 SP	9492		DVA Chemicals SA
Grapes	Mealybugs	acetamiprid	WG	200 g/kg	Mospilan 20	8192		Mitsui & Co.
Grapes	Ants; Weevils	alpha-cypermethrin	EC	100 g/l	Fastac EC	4991		BASF South Africa
Grapes	Weevils	alpha-cypermethrin	EC	100 g/l	Magnum Super EC	6679		Technichem
Grapes	Weevils	alpha-cypermethrin	EC	100 g/l	Sentry EC	7966		Volcano Agrosience /ta Arysta LS
Grapes	Ants; Weevils	alpha-cypermethrin	SC	100 g/l	Ag-Alpha Cyper 100 SC	8473		Ag-Chem Africa
Grapes	Ants; Weevils	alpha-cypermethrin	SC	100 g/l	Alpha-thrin 100 SC	7425		Villa Crop Protection
Grapes	Ants; Weevils	alpha-cypermethrin	SC	100 g/l	Avalanche	6807		Klub M5
Grapes	Ants; Weevils	alpha-cypermethrin	SC	100 g/l	Fastac SC	4992		BASF South Africa
Grapes	Ants; Weevils	alpha-cypermethrin	SC	100 g/l	Polytrin Super 100 SC	7262		Universal Crop Protection
Grapes	African bollworm; Leafrollers	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Grapes	Weevils	Beauveria bassiana	WP	>320 x 10(7) cfu	Bio-Insek	8466		Agro Organics
Grapes	Weevils	beta-cypermethrin	EC	100 g/l	Akito	6709		Cropserve/Arysta Lifescience SA
Grapes	Mealy bug	borax/orange oil	SL	10/50 g/l	Prev- Am	7130		Oro Agri SA
Grapes	Bud mite	bromopropylate	EC	500 g/l	Capacity 500 EC	9206		Villa Crop Protection
Grapes	Bud mite; Bud damage; Leaf gall formation; Curly leaf	bromopropylate	EC	500 g/l	Flair	8196		Erintrade CC t/a R.T. Chemicals
Grapes	Bud mite	bromopropylate	EC	500 g/l	Ripple 500 EC	9208		Universal Crop Protection
Grapes	Nematodes	cadusafos	EW	100 g/l	Rugby 10 ME	6368		FMC
Grapes	Nematodes	cadusafos	GR	100 g/kg	Rugby 10 G	4110		FMC SA
Grapes	Mealy bug	carbaryl	DP	50 g/kg	Avi-Carbo DP	1703		Avima
Grapes	Mealybug	carbaryl	DP	50 g/kg	Carbaryl Dust 50 DP	7627		Universal Crop Protection
Grapes	Mealybug	carbaryl	DP	50 g/kg	Karbachick	8610		Kombat
Grapes	Mealybugs	carbaryl	DP	50 g/kg	Karbadust 50 DP	1081		Villa Crop Protection
Grapes	Mealybug	carbaryl	DP	50 g/kg	Karbapet	8611		Kombat
Grapes	Mealybugs; Weevils	carbaryl	SC	480g/l	Sevin XLR Plus	5783		Universal Crop Protection
Grapes	Mealybug	carbaryl	WP	850 g/kg	Carbaryl	3250		Kombat
Grapes	Mealybug	carbaryl	WP	850 g/kg	Carbaryl 850 WP	7626		Universal Crop Protection
Grapes	Mealybug	carbaryl	WP	850 g/kg	Karba 850 WP	1195		Villa Crop Protection
Grapes	Mealybug	carbaryl	WP	850 g/kg	Kombat Karbacure	3243		Kombat

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Grapes	Bud mite	carbosulfan	EC	480 g/l	Carbostem	7859		Meridian Agrochemical Co.
Grapes	Erinose mite	carbosulfan	EC	480 g/l	Carbosulfan 480	7896		CMF Agrochemicals
Grapes	Budmite	carbosulfan	EC	480 g/l	Marshal 400 EC	3314		FMC SA
Grapes	Bud mite	carbosulfan	EC	480 g/l	Rascal 480 EC	9898		Arysta Lifescience SA
Grapes	Bud mite; Erinose mite	carbosulfan	SC	400 g/l	Sharda Carbosulfan 400 SC	8954		Sharda International Africa CC
Grapes	Banded fruit weevil; Thrips	chlorfenapyr	SC	240 g/l	Hunter 24 SC	8307		BASF South Africa
Grapes	Banded fruit weevil; Western flower thrips	chlorfenapyr	SC	360 g/l	Nova Fenapyr 360 SC	9952		AgriNova Trust
Grapes	Banded fruit weevil	chlorfenapyr	SC	360 g/l	Plumett	9860		Meridian Agrochemical Co.
Grapes	Bud mite; Thrips; Weevil	chlorfenapyr	SC	360 g/l	Saber 360 SC	8534		Universal Crop Protection
Grapes	Bud mite; Thrips; Weevil	chlorfenapyr	SC	360 g/l	Savage 360 SC	8533		Villa Crop Protection
Grapes	Banded fruit weevil; Western flower thrips	chlorfenapyr	SC	360 g/l	Sergeant	9876		Arysta Lifescience SA
Grapes	Ants; Mealy bug	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Grapes	Ants; Mealy bug	chlorpyrifos	EC	480 g/l	Agropyrifos 480 EC	4888		Arysta Lifescience SA
Grapes	Ants; Mealy bug	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	5417		Makhteshim-Agan SA
Grapes	Ants; Mealy bug	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6272		Arysta Lifescience SA
Grapes	Ants; Mealy bug	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6350		Universal Crop Protection
Grapes	Ants; Mealy bug	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	7183		Villa Crop Protection
Grapes	Ants; Mealy bug	chlorpyrifos	EC	480 g/l	Chlorpyrifos EC	5867		Cropchem
Grapes	Mealy bug	chlorpyrifos	EC	480 g/l	Chlorpyrifos	10017		Meridian Agrochemical Co.
Grapes	Ants; Leafhoppers; Mealy bug	chlorpyrifos	EC	480 g/l	Dursban 480 EC	5225		Dow AgroSciences SA
Grapes	Mealybug	chlorpyrifos	EC	480 g/l	Lirifos 480 EC	4883		Gouws & Scheepers (Nulandis)
Grapes	Ants; Mealy bug	chlorpyrifos	EC	480 g/l	Makhrofos 480 EC	7973		Makhro-Agro SA
Grapes	Ants; Mealy bug	chlorpyrifos	EC	480 g/l	Pyrifos 480 EC	6397		Applied Agricultural Products (Nulandis)
Grapes	Ants; Mealy bug	chlorpyrifos	EC	480 g/l	Pyrinex 480 EC	4673		Adama SA
Grapes	Ants; Mealy bug	chlorpyrifos	EC	480 g/l	Rochlop 480 EC	5905		Rotam RSA
Grapes	Ants; Leafhopper; Mealy bug	chlorpyrifos	WG	750 g/kg	Dursban 750 WG	6589	29 days (wine)	Dow AgroSciences SA
Grapes	Erinose mite	copper oxychloride/sulfur	DP	85/900 g/kg	Coppasulfa	5726		Sunwood Chemicals
Grapes	Erinose mite	copper oxychloride/sulfur	DP	85/900 g/kg	Cu-Sul Dust	6664		JCJ Agri Chem CC
Grapes	Snails	copper salt/sodium salt	SL	112/512 g/l	Kaput Snail Repellent	7165		Hygrotech
Grapes	False codling moth	Cryptophlebia leucotreta granulovirus	SC	2x20(10) ob's/ml	Cryptex	8037		Biological Control Products SA
Grapes	False codling moth	cryptophlebia leucotreta granulovirus	SC	5x10 (10) OBs (occlusion bodies)/ml	Cryptogran	7598		River Bioscience
Grapes	Weevils	cypermethrin	EC	200 g/l	Ag-Cypermethrin 200 EC	8491		Ag-Chem Africa

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Grapes	Weevils	cypermethrin	EC	200 g/l	Avi-Sipermetrin EC	3980		Avima
Grapes	Weevils	cypermethrin	EC	200 g/l	Bitrad Cypermethrin	7014		Bitrad Consulting
Grapes	Weevils	cypermethrin	EC	200 g/l	Chanrai Cypermethrin 200 EC	8843		Chanrai SA
Grapes	Weevils	cypermethrin	EC	200 g/l	Cyperin 200 EC	5321		Nulandis
Grapes	Weevils	cypermethrin	EC	200 g/l	Cypermethrin	7851		Arysta Lifescience SA
Grapes	Weevils	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4069		Agro-Serve t/a Efekto
Grapes	Weevils	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4644		Universal Crop Protection
Grapes	Weevils	cypermethrin	EC	200 g/l	Doodskoot EC	3285		WPK Landbou
Grapes	Weevils	cypermethrin	EC	200 g/l	Farmag Cypermethrin	3207		Castle Ag-Chem
Grapes	Weevils	cypermethrin	EC	200 g/l	Kemprin 200 EC	3145		Arysta Lifescience SA /Protek
Grapes	Weevils	cypermethrin	EC	200 g/l	Nova Methrin 200	9930		AgriNova Trust
Grapes	Weevils	cypermethrin	EC	200 g/l	Polytrin 200 EC	5409		Villa Crop Protection
Grapes	African bollworm; Weevil	deltamethrin	AL	60 mg/l	Servus RTU	8420		Makhro-Agro SA
Grapes	African bollworm; Weevils	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Grapes	African bollworm; Weevils	deltamethrin	EC	25 g/l	Ag-Deltamethrin 25 EC	8492		Ag-Chem Africa
Grapes	African bollworm; Weevils	deltamethrin	EC	25 g/l	Celtis 25 EC	7965		Volcano Agrosience /ta Arysta LS
Grapes	African bollworm; Weevils	deltamethrin	EC	25 g/l	Delta-Thrin 25 EC	7263		Universal Crop Protection
Grapes	African bollworm; Weevils	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Grapes	African bollworm; Weevils	deltamethrin	EC	25 g/l	Deltis 2,5% EC	6511		Almond Agro Chemicals (Pty Ltd
Grapes	African bollworm; Weevils	deltamethrin	EC	25 g/l	Servus	7271		Adama SA
Grapes	Mealybug	dichlorvos	EC	1000 g/l	Desta 100 EC	6641		Volcano Agrosience /ta Arysta LS
Grapes	Mealy bug	dichlorvos	EC	1000 g/l	Devipan 100	4669		Makhteshim-Agan SA
Grapes	Mealybug	dichlorvos	EC	1000 g/l	Devipan 100	8633		Makhro-Agro SA
Grapes	Mealy bugs	dichlorvos	EC	1000 g/l	Dichlorvos 1000 EC	4640		Universal Crop Protection
Grapes	Mealy bug	dimethoate	EC	400 g/l	Danadim Progress	8868		Cheminova (Disa Bio-Technologies CC)
Grapes	Mealy bug	dimethoate	EC	400 g/l	Dimethoate	4823		Wenkem
Grapes	Mealy bug	dimethoate	EC	400 g/l	Dimethoate	7059		Volcano Agrosiences
Grapes	Mealy bug	dimethoate	EC	400 g/l	Dimethoate	8455		Universal Crop Protection
Grapes	Mealy bug	dimethoate	EC	400 g/l	Dimethoate 400 EC	10088	28 days	Bitrad Kaap
Grapes	Mealy bug	dimethoate	EC	400 g/l	Dimethoate EC	4507		Cropchem
Grapes	Mealy bug	dimethoate	EC	400 g/l	Dimethoate EC	5367		Tsunami Plant Protection /ta Arysta LS
Grapes	Mealy bug	dimethoate	EC	400 g/l	Dimethoate EC	7940		Makhro-Agro SA
Grapes	Mealy bug	dimethoate	EC	400 g/l	Dimeto 40 EC	1042		Avima
Grapes	Mealy bug	dimethoate	EC	400 g/l	Genoate EC	8195		Villa Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Grapes	False codling moth	dodecyl acetate E8/dodecyl acetate Z8	VP	15/15 g/kg	RB Splat FCM	10259		River Bioscience
Grapes	Weevil	esfenvalerate	EC	200 g/l	Sumi-Alpha 200 EC	6452		Philagro South Africa
Grapes	Weevils	esfenvalerate	EC	50 g/l	Sumicidin Super	6381		Philagro South Africa
Grapes	Weevil	esfenvalerate	EW	200 g/l	Sumi-Alpha 200 EW	8821		Philagro South Africa
Grapes	Nematodes	fenamiphos	CS	240 g/l	Nemacur 240 CS	7247		Villa Crop Protection
Grapes	Nematodes	fenamiphos	EC	400 g/l	Atador	7167		Erintrade CC t/a R.T. Chemicals
Grapes	Nematodes	fenamiphos	EC	400 g/l	Fenamiphos 400 EC	7647		Universal Crop Protection
Grapes	Nematodes	fenamiphos	EC	400 g/l	Fenamiphos EC	9196		Arysta Lifescience SA
Grapes	Nematodes	fenamiphos	EC	400 g/l	Nemacur 400 EC	367		Villa Crop Protection
Grapes	Nematodes	fenamiphos	EC	400 g/l	Spitfire 400 EC	7646		Villa Crop Protection
Grapes	Nematodes	fenamiphos	GR	100 g/kg	Nemacur 10 GR	2056		Villa Crop Protection
Grapes	Bud mite	fenazaquin	SC	200 g/l	Pride 200 SC	5220		Klub M5
Grapes	Bud mite; Leaf blister mite	fenazaquin	SC	200 g/l	Superior 200 SC	9517		Universal Crop Protection
Grapes	Bud mite; Leaf blister mite	fenazaquin	SC	200 g/l	Vanity 200 SC	9516		Villa Crop Protection
Grapes	Weevils	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	4187		Universal Crop Protection
Grapes	Weevils	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	4603		Avima
Grapes	Weevils	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	7185		Villa Crop Protection
Grapes	Erinose mite	folpet/sulphur	DP	50/900 g/kg	Folpan Sulphur DP	5454		Makhteshim-Agan SA
Grapes	Thrips	formetanate	SP	500 g/kg	Dicarzol	8082		Klub M5
Grapes	Nematodes	furfural	EC	800 g/l	Crop Guard 80	9253		Illovo Sugar Ltd
Grapes	Nematodes	furfural	EC	900 g/l	Crop Guard	6864		Illovo Sugar Ltd
Grapes	Weevils	gamma-cyhalothrin	CS	60 g/l	Vantex 60 CS	7227		Cheminova (Disa Bio-Technologies CC)
Grapes	Mealybug	imidacloprid	SC	350 g/l	Apache Gold 350 SC	9398		Castle Ag-Chem
Grapes	Mealybug	imidacloprid	SC	350 g/l	Confidor 350 SC	5691		Bayer
Grapes	Mealybug	imidacloprid	SC	350 g/l	Imidacloprid 350 SC	8442		Sharda International Africa CC
Grapes	Leafhoppers; Mealybugs	imidacloprid	SC	350 g/l	Kohinor 350 SC	8447		Adama SA
Grapes	Mealy bug	imidacloprid	SC	350 g/l	Nova Prid 350 SC	9743		AgriNova Trust
Grapes	Mealybug	imidacloprid	SC	350 g/l	Provado 350 SC	7740		Bayer
Grapes	Mealybug	imidacloprid	SC	350 g/l	Starbug	8008		Erintrade CC t/a R.T. Chemicals
Grapes	Mealybugs	imidacloprid	SC	350 g/l	Warrant 350 SC	7729		Cheminova
Grapes	Mealybug	imidacloprid	WG	700 g/kg	Cast 700 WDG	9184		Universal Crop Protection
Grapes	Mealybugs	imidacloprid	WG	700 g/kg	Confidor 70 WG	7240		Bayer
Grapes	Mealybug	imidacloprid	WG	700 g/kg	Emit 700 WDG	9183		Villa Crop Protection
Grapes	Mealy bug	imidacloprid	WG	700 g/kg	Nova Prid 700 WG	9727		AgriNova Trust
Grapes	Mealybug	imidacloprid	WG	700 g/kg	Warrant 70 WG	8454		Cheminova

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Grapes	Banded fruit weevil	indoxacarb	SC	300 g/l	Doxstar Flo	9884	14 days	Meridian Agrochemical Co.
Grapes	Banded fruit weevil	indoxacarb	WG	300 g/kg	Indo 300 WDG	9025		Crop Asure
Grapes	Weevil	indoxacarb	WG	300 g/kg	Margin 300 WDG	9009		Villa Crop Protection
Grapes	Weevil	indoxacarb	WG	300 g/kg	Session 300 WDG	9010		Universal Crop Protection
Grapes	African bollworm; Leafhoppers; Weevils	indoxacarb	WG	300 g/kg	Steward	6332	T14 days; W28 days	Du Pont de Nemours Int SA
Grapes	Weevils	lambda-cyhalothrin	CS	100 g/l	Karate Zedn 10 CS	9023		Syngenta SA
Grapes	Weevil	lambda-cyhalothrin	CS	50 g/l	Karis 5 CS	9267		GAT Microencapsulation SA
Grapes	Weevils	lambda-cyhalothrin	EC	50 g/l	Ag-Lambda 50 EC	8472		Ag-Chem Africa
Grapes	Weevils	lambda-cyhalothrin	EC	50 g/l	Attacke	7669		Erintrade CC t/a R.T. Chemicals
Grapes	Weevil	lambda-cyhalothrin	EC	50 g/l	Judo 50 EC	7785		Villa Crop Protection
Grapes	Weevils	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Grapes	Weevils	lambda-cyhalothrin	EC	50 g/l	Lambda 50 EC	7787		Universal Crop Protection
Grapes	Weevils	lambda-cyhalothrin	EC	50 g/l	Lambda EC	8546		Arysta Lifescience SA
Grapes	Weevils	lambda-cyhalothrin	EC	50 g/l	Makhrolam 5 EC	8141		Makhro-Agro SA
Grapes	Weevil	lambda-cyhalothrin	EC	50g/l	Lamdex 5 EC	7578		Adama SA
Grapes	Mealybug	methidathion	EC	420 g/l	Arythion 420 EC	9388		Arysta Lifescience SA
Grapes	Mealybug	methidathion	EC	420 g/l	Methidathion 420 EC	7583		Universal Crop Protection
Grapes	Mealy bug	methidathion	EC	420 g/l	Methidathion 420 EC	7584		Villa Crop Protection
Grapes	Mealy bug	methidathion	EC	420 g/l	Suprathion 420 EC	5439		Adama SA
Grapes	Mealy bug	methidathion	WP	200 g/kg	Suprathion 200 WP	6334		Makhteshim-Agan SA
Grapes	Mealy bug	mevinphos	EC	150 g/l	Mevinfos EC	4315		Universal Crop Protection
Grapes	Mealy bug	mevinphos	EC	240 g/l	Phosdrin 240 EC	7267		Universal Crop Protection
Grapes	Mealybug	mevinphos	SL	500 g/l	Phosdrin 500 SL	4995		Universal Crop Protection
Grapes	Nematodes	Myrothecium verrucaria	DF	90 g/kg	DiTera DF	8477		Valent Biosciences
Grapes	Snails	oxamyl	SL	310 g/l	Vydate SL	5057		Du Pont de Nemours Int SA
Grapes	Erinose mite	polysulphide sulphur	SL	320 g/l	Ciplapol S 320	6429		Cipla Agricare
Grapes	Erinose mite	polysulphide sulphur	SL	320 g/l	Lime Sulphur	4230		Agro-Serve t/a Efekto
Grapes	Erinose mite	polysulphide sulphur	SL	320 g/l	Lime Sulphur	7686		Delta Chemicals
Grapes	Mealybug	profenofos	EC	500 g/l	Selecron 500 EC	3113		Syngenta SA
Grapes	Mealybug	profenofos	EC	500 g/l	Selefos	6950		Erintrade CC t/a R.T. Chemicals
Grapes	Mealybug	prothiophos	EC	960 g/l	Tokuthion 960 EC	924		Volcano Agrosience /ta Arysta LS
Grapes	Thrips; Western flower thrips	spinetoram	WG	250 g/l	Delegate 250 WG	8392		Dow AgroSciences SA
Grapes	African bollworm; Thrips	spinosad	SC	480 g/l	Tracer 480 SC	6557		Dow AgroSciences SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Grapes	African bollworm; Thrips	spinosad	WP	800 g/kg	Entrust Naturalyte 800 WP	7389		Dow AgroSciences SA
Grapes	Mealy bug	spirotetramat	SC	240 g/l	Movento	8559		Bayer
Grapes	Mealybug	sulfoxaflor	SC	240 g/l	Closer 240 SC	9694	28	Dow AgroSciences SA
Grapes	Erinose mite	sulfur	DP	980 g/kg	Ag-Chem Dusting Sulphur	7379		Ag-Chem Africa
Grapes	Erinose mite	sulfur	DP	980 g/kg	Crop Dusting Sulphur	7376		Sunwood Chem
Grapes	Bud mite	sulfur	DP	980 g/kg	Dusting Sulphur	5261		Universal Crop Protection
Grapes	Erinose mite	sulfur	DP	980 g/kg	Dusting Sulphur	5539		Sunwood Chemicals
Grapes	Erinose mite	sulfur	DP	980 g/kg	Dusting Sulphur	9127		Orchard Agrikem
Grapes	Erinose mite	sulfur	DP	980 g/kg	Vine and Dusting Sulphur	1252		Plaaskem (Nulandis)
Grapes	Erinose mite	sulfur	SC	700 g/l	Flowable Sulphur	142		Applied Chemical Products (Nulandis)
Grapes	Erinose mite	sulfur	SC	800 g/l	Eco Fungimite	8756		Agro-Serve t/a Efekto
Grapes	Bud mite	sulfur	SC	800 g/l	Sulfomaxx	9941	6 weeks	Ag-Chem Africa
Grapes	Erinose mite	sulfur	SC	800 g/l	SulfoStar	6982		Ag-Chem Africa
Grapes	Erinose mite	sulfur	WG	800 g/kg	Cosavet	6355		Sulphur Chemical Mills
Grapes	Erinose mite	sulfur	WG	800 g/kg	Striker	6628		Chempac
Grapes	Erinose mite	sulfur	WG	800 g/kg	Sulgran	5727		Sunwood Chemicals
Grapes	Erinose mite	sulfur	WG	800 g/kg	Sulphur WDG	6045		Kenchem Trading
Grapes	Erinose mite	sulfur	WP	800 g/kg	Wettable Sulphur	6933		Sunwood Chemicals
Grapes	False codling moth	Thaumatotibia leucotreta granulosis virus	SC		Gratham	9038		Chempac
Grapes	Mealy bug	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Grapes	Mealybugs	thiamethoxam	WG	250 g/kg	Thiamex 25 WG	9207		Arysta Lifescience SA
Grapes	Mealybug	thiamethoxam	WG	250 g/kg	Thiatox 250 WDG	9190		Villa Crop Protection
Grapes	Mealybug	thiamethoxam	WG	250 g/kg	Thiaxam 250 WDG	9191		Universal Crop Protection
Grapes	Weevils	zeta-cypermethrin	EW	100 g/l	Fury 10 EW	6696		FMC
Grass	Mole cricket; White grub	thiamethoxam	WG	250 g/kg	Devaxam 250 WG	9333		DVA Chemicals SA
Grass pastures	Army worm	beta-cypermethrin	EC	100 g/l	Akito	6709		Cropserve/Arysta Lifescience SA
Grazing	Army worm	alpha-cypermethrin	EC	100 g/l	Magnum Super EC	6679		Technichem
Grazing	Army worm	alpha-cypermethrin	EC	100 g/l	Sentry EC	7966		Volcano Agrosience /ta Arysta LS
Grazing	Army worm	alpha-cypermethrin	SC	100 g/l	Alpha-thrin 100 SC	7425		Villa Crop Protection
Grazing	Army worm	alpha-cypermethrin	SC	100 g/l	Avalanche	6807		Klub M5
Grazing	Army worm	alpha-cypermethrin	SC	100 g/l	Magnum Super SC	7816		Technichem Crop Protection
Grazing	Army worm	alpha-cypermethrin	SC	100 g/l	Polytrin Super 100 SC	7262		Universal Crop Protection
Grazing	elegant grasshopper	carbaryl	DP	50 g/kg	Carbaryl Dust 50 DP	7627		Universal Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Grazing	Armyworms; Cutworms; Semi-looper; Stink bug; Thrips	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Grazing	Army worms	chlorpyrifos	EC	480 g/l	Pyrinex 480 EC	4673		Adama SA
Grazing	Black sand mite; Earth flea	dimethoate	EC	400 g/l	Danadim Progress	8868		Cheminova (Disa Bio-Technologies CC)
Grazing	Harvester termites	imidacloprid	WS	700 g/kg	Askari 70 WS	8541		DVA Chemicals SA
Grazing	Army worm	methomyl	SP	900 g/kg	Kuik 900 SP	5602		Rotam RSA
Grazing	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Grazing	Aphids; Wireworms	thiamethoxam	FS	350 g/l	Cruiser	6288		Syngenta SA
Grazing	Aphids; Wireworms	thiamethoxam	FS	600 g/l	Cruiser White	7546		Syngenta SA
Green peppers	Aphids	demeton-S-methyl	EC	250 g/l	Demeton EC	4852		Universal Crop Protection
Green peppers	Aphids	demeton-S-methyl	EC	250 g/l	Demetox EC	2057		Avima
Groundnuts	African bollworm	alpha-cypermethrin	EC	100 g/l	Fastac EC	4991		BASF South Africa
Groundnuts	African bollworm	alpha-cypermethrin	EC	100 g/l	Magnum Super EC	6679		Technichem
Groundnuts	African bollworm	alpha-cypermethrin	EC	100 g/l	Sentry EC	7966		Volcano Agrosience /ta Arysta LS
Groundnuts	African bollworm	alpha-cypermethrin	SC	100 g/l	Alpha-thrin 100 SC	7425		Villa Crop Protection
Groundnuts	African bollworm	alpha-cypermethrin	SC	100 g/l	Avalanche	6807		Klub M5
Groundnuts	African bollworm	alpha-cypermethrin	SC	100 g/l	Fastac SC	4992		BASF South Africa
Groundnuts	African bollworm; Cutworm	alpha-cypermethrin	SC	100 g/l	Magnum Super SC	7816		Technichem Crop Protection
Groundnuts	African bollworm	alpha-cypermethrin	SC	100 g/l	Polytrin Super 100 SC	7262		Universal Crop Protection
Groundnuts	African bollworm; Armyworms; Semi-looper	Bacillus thuringiensis var kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Groundnuts	African bollworm	beta-cypermethrin	EC	100 g/l	Akito	6709		Cropserve/Arysta Lifescience SA
Groundnuts	Bacterial legume inoculant	Bradyrhizobium sp. Vigna Strain	SC	2x10(9) cfu/ml	Nitro-Liq Groundnut & Cowpea	8989		Natrol
Groundnuts	African bollworm	cypermethrin	EC	200 g/l	Avi-Sipermetrin EC	3980		Avima
Groundnuts	African bollworm	cypermethrin	EC	200 g/l	Bitrad Cypermethrin	7014		Bitrad Consulting
Groundnuts	African bollworm	cypermethrin	EC	200 g/l	Chanrai Cypermethrin 200 EC	8843		Chanrai SA
Groundnuts	African bollworm	cypermethrin	EC	200 g/l	Cyperin 200 EC	5321		Nulandis
Groundnuts	African bollworm	cypermethrin	EC	200 g/l	Cypermethrin	7851		Arysta Lifescience SA
Groundnuts	African bollworm	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4069		Agro-Serve t/a Efekto
Groundnuts	African bollworm	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4644		Universal Crop Protection
Groundnuts	African bollworm	cypermethrin	EC	200 g/l	Doodskoot EC	3285		WPK Landbou
Groundnuts	African bollworm	cypermethrin	EC	200 g/l	Farmag Cypermethrin	3207		Castle Ag-Chem
Groundnuts	African bollworm	cypermethrin	EC	200 g/l	Kemprin 200 EC	3145		Arysta Lifescience SA /Protek
Groundnuts	African bollworm	cypermethrin	EC	200 g/l	Polytrin 200 EC	5409		Villa Crop Protection
Groundnuts	African bollworm	cypermethrin	EC	200 g/l	Sipermetrien	4889		Arysta Lifescience SA /Protek

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Groundnuts	African bollworm	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Groundnuts	African bollworm	deltamethrin	EC	25 g/l	Ag-Deltamethrin 25 EC	8492		Ag-Chem Africa
Groundnuts	African bollworm	deltamethrin	EC	25 g/l	Celtis 25 EC	7965		Volcano Agrosience /ta Arysta LS
Groundnuts	African bollworm, cutworm	deltamethrin	EC	25 g/l	Delta-Thrin 25 EC	7263		Universal Crop Protection
Groundnuts	African bollworm	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Groundnuts	African bollworm	deltamethrin	EC	25 g/l	Deltis 2,5% EC	6511		Almond Agro Chemicals (Pty Ltd
Groundnuts	African bollworm	deltamethrin	EW	25 g/l	Zenit	9073		Meridian Agrochemical Co.
Groundnuts	Aphids	demeton-S-methyl	EC	250 g/l	Demeton EC	4852		Universal Crop Protection
Groundnuts	Aphids	demeton-S-methyl	EC	250 g/l	Demeton-S-Methyl	4508		Cropchem
Groundnuts	Aphids	demeton-S-methyl	EC	250 g/l	Demetox EC	2057		Avima
Groundnuts	Aphids	dimethoate	EC	400 g/l	Butcher	6313		Klub M5
Groundnuts	Aphids	dimethoate	EC	400 g/l	Danadim Progress	8868		Cheminova (Disa Bio-Technologies CC)
Groundnuts	Aphids	dimethoate	EC	400 g/l	Deus 400 EC	7610		Ag-Chem Africa
Groundnuts	Aphids	dimethoate	EC	400 g/l	Dimethoate	4823		Wenkem
Groundnuts	Aphids	dimethoate	EC	400 g/l	Dimethoate	7059		Volcano Agrosiences
Groundnuts	Mealy bug	dimethoate	EC	400 g/l	Dimethoate	8455		Universal Crop Protection
Groundnuts	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	4507		Cropchem
Groundnuts	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	5367		Tsunami Plant Protection /ta Arysta LS
Groundnuts	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	7940		Makhro-Agro SA
Groundnuts	Aphids	dimethoate	EC	400 g/l	Dimeto 40 EC	1042		Avima
Groundnuts	Aphids	dimethoate	EC	400 g/l	Genoate EC	8195		Villa Crop Protection
Groundnuts	Nematodes	fenamiphos	CS	240 g/l	Nemacur 240 CS	7247		Villa Crop Protection
Groundnuts	Nematodes	fenamiphos	EC	400 g/l	Atador	7167		Erintrade CC t/a R.T. Chemicals
Groundnuts	Nematodes	fenamiphos	EC	400 g/l	Fenamiphos 400 EC	7647		Universal Crop Protection
Groundnuts	Nematodes	fenamiphos	EC	400 g/l	Nemacur 400 EC	367		Villa Crop Protection
Groundnuts	Nematodes	fenamiphos	EC	400 g/l	Spitfire 400 EC	7646		Villa Crop Protection
Groundnuts	Nematodes	fenamiphos	GR	100 g/kg	Nemacur 10 GR	2056		Villa Crop Protection
Groundnuts	Nematodes	furfural	EC	800 g/l	Crop Guard 80	9253		Illovo Sugar Ltd
Groundnuts	Nematodes	furfural	EC	900 g/l	Crop Guard	6864		Illovo Sugar Ltd
Groundnuts	African bollworm	gamma-cyhalothrin	CS	60 g/l	Vantex 60 CS	7227		Cheminova (Disa Bio-Technologies CC)
Groundnuts	African bollworm	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Groundnuts	African bollworm	lambda-cyhalothrin	EC	50 g/l	Ag-Lambda 50 EC	8472		Ag-Chem Africa
Groundnuts	African bollworm	lambda-cyhalothrin	EC	50 g/l	Cylam 50 EC	8261		Gouws & Scheepers
Groundnuts	African bollworm	lambda-cyhalothrin	EC	50 g/l	Judo 50 EC	7785		Villa Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Groundnuts	African bollworm	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Groundnuts	African bollworm	lambda-cyhalothrin	EC	50 g/l	Lambda 50 EC	7787		Universal Crop Protection
Groundnuts	African bollworm	lambda-cyhalothrin	EC	50 g/l	Lambda EC	8546		Arysta Lifescience SA
Groundnuts	African bollworm	lambda-cyhalothrin	EC	50 g/l	Makhrolam 5 EC	8141		Makhro-Agro SA
Groundnuts	African bollworm	lambda-cyhalothrin	EC	50 g/l	Shamda 50 EC	10258		Sharda International Africa CC
Groundnuts	African bollworm	lambda-cyhalothrin	EC	50g/l	Lamdex 5 EC	7578		Adama SA
Groundnuts	Aphids	mercaptothion	DP	50 g/kg	Merkaptothion DP	4278		Avima
Groundnuts	Aphids	mercaptothion/pyrethrins	DP	50/0,4 g/kg	Pythion 5% DP	2124		Avima
Groundnuts	Thrips	omethoate	SL	800 g/l	Folimat 800 SL	2316		Arysta Lifescience SA
Groundnuts	Nematodes	oxamyl	SL	310 g/l	Blockade SL	7345		Klub M5
Groundnuts	Nematodes	oxamyl	SL	310 g/l	Oxadate	7588		Arysta Lifescience SA
Groundnuts	Nematodes	oxamyl	SL	310 g/l	Oxamyl 310 SL	9246		Erintrade CC t/a R.T. Chemicals
Groundnuts	Nematodes	oxamyl	SL	310 g/l	Oxatak SL	7589		Meridian Agrochemical Co.
Groundnuts	Nematodes	oxamyl	SL	310 g/l	Platoon SL	7913		Villa Crop Protection
Groundnuts	Nematodes	oxamyl	SL	310 g/l	Stetson SL	7904		Universal Crop Protection
Groundnuts	Nematodes	oxamyl	SL	310 g/l	Vigour 310 SL	8088		Ag-Chem Africa
Groundnuts	Nematodes	oxamyl	SL	310 g/l	Vydate SL	5057		Du Pont de Nemours Int SA
Groundnuts	Aphids	pirimicarb	WG	500 g/kg	Apex 500 WDG	8475		Villa Crop Protection
Groundnuts	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Groundnuts	Aphids	pirimicarb	WG	500 g/kg	Unipex 500 WDG	8474		Universal Crop Protection
Groundnuts	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	100 g/kg	Counter 100 G	1101		Villa Crop Protection
Groundnuts	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	100 g/kg	Terbufos GR	5927		Universal Crop Protection
Groundnuts	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Bitrad Terbufos 15 GR	7123		Bitrad Consulting
Groundnuts	Astylus beetle; Black maize beetle; False wireworm; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Counter FC 15g	5571		Villa Crop Protection
Groundnuts	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Ortofos 15 G	6608		Ortus Chemicals
Groundnuts	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Terbufos 15 GR	6920		Universal Crop Protection
Groundnuts	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Terbufos 15 GR	7186		Villa Crop Protection
Groundnuts	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Terfos 15 G	7582		Volcano Agrosience /ta Arysta LS
Groundnuts	Aphids; Thrips; White grub; Wireworms	thiamethoxam	FS	350 g/l	Cruiser	6288		Syngenta SA
Groundnuts	Aphids; Thrips; White grub; Wireworms	thiamethoxam	FS	600 g/l	Cruiser White	7546		Syngenta SA
Groundnuts	African bollworm	zeta-cypermethrin	EW	100 g/l	Fury 10 EW	6696		FMC

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Guavas	African bollworm; False codling moth	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Guavas	False codling moth; White fly	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Guavas	Nematodes	cadusafos	EW	100 g/l	Rugby 10 ME	6368		FMC
Guavas	Nematodes	cadusafos	GR	100 g/kg	Rugby 10 G	4110		FMC SA
Guavas	Nematodes	fenamiphos	GR	100 g/kg	Nemacur 10 GR	2056		Villa Crop Protection
Guavas	Fruit fly	fenthion	EC	500 g/l	Fenthion 500	6430		RT Chemicals
Guavas	Fruit fly	fenthion	EC	500 g/l	Fruitcare	9204		Starplex 83 CC
Guavas	Fruit fly	fenthion	EC	500 g/l	Grab 500 EC	5616		Gouws & Scheepers (Nulandis)
Guavas	Fruit fly	fenthion	EC	500 g/l	Lebaycid 500 EC	1270		Bayer
Guavas	Mealy bug; Scale	mercaptothion	EC	500 g/l	Avi Gard	216		Avima
Guavas	Mealy bug; Scale	mercaptothion	EC	500 g/l	Kombat Garden Insects	4469		Kombat
Guavas	Mealy bug; Scale	mercaptothion	EC	500 g/l	Malasol	1353		Agro-Serve t/a Efekto
Guavas	Mealy bug; Scale	mercaptothion	EC	500 g/l	Malathion	8317		Kombat
Guavas	Mealybug; Scale	mercaptothion	EC	500 g/l	Malathion 50% EC	4235		Agro-Serve t/a Efekto
Guavas	Scale	mercaptothion	EC	500 g/l	Mercaptothion 500 EC	4394		Dow AgroSciences SA
Guavas	Scale	mercaptothion	EW	440 g/l	Fyfanon 440 EW	9484		Cheminova
Guavas	Mealy bug; Scale	mercaptothion	WP	250 g/kg	Avi Merkaptotoks	3031		Avima
Guavas	Mealybug	prothiophos	EC	960 g/l	Tokuthion 960 EC	924		Volcano Agrosience /ta Arysta LS
Hazel nuts	Aphids; Stinkbugs; Thrips	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Hazel nuts	Thrips	imidacloprid	SC	350 g/l	Kohinor 350 SC	8447		Adama SA
Hazel nuts	Fruit sucking bug; Stinkbug	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Herbs	Leafminers; Red spider mite	abamectin	SC	84 g/l	Agripec Gold	9235		Syngenta SA
Herbs	African bollworm	Bacillus thuringiensis var kurstaki	WG	32 000 IU/mg	Kirshhoffs Margaret Roberts Dipel Biological Cater	7112		Ball Straathof
Herbs	African bollworm	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Herbs	Aphids; Red spider mite; Whitefly	canola oil/garlic extract	SL	478/478 g/l	Kannar Kangar	7145		Kannar CC
Herbs	African bollworm; Diamondback moth; Leaf miner	flubendiamide	SC	480 g/l	Belt	8860		Bayer
Herbs	African bollworm; Aphids; Whitefly	garlic extract	SL	500 g/l	Garlic Repellent 930	7147		Kannar CC
Hides & Skins	Dermistidae hide and skin larvae	carbaryl	WP	850 g/kg	Carbaryl 850 WP	7626		Universal Crop Protection
Home garden	Slugs; Snails	carbaryl/metaldehyde	SC	80/120 g/l	Snailflo	1793		Agro-Serve t/a Efekto
Home garden	Ants; Army worm; Crickets; Lawn caterpillars; Lesser army worm; Short-horn grasshoppers; Spotted maize beetle	mercaptothion	EC	500 g/l	Mikka 500 EC	10211		Universal Crop Protection
Home garden	Slugs; Snails	metaldehyde	RB	30 g/kg	Sharda Metaldehyde 3 GB Snail and Slug Bait	9520		Sharda International Africa CC
Home garden	Slugs; Snails	metaldehyde	RB	50 g/kg	Sharda Metaldehyde 5 GB Snail and Slug Bait	9518		Sharda International Africa CC
Home gardens	Ants	imidacloprid	RB	0,1 g/kg	Victor Gel Ant Bait	9240		Makhteshim-Agan SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Home gardens	Snails	metaldehyde	RB	50 g/kg	Entice	9266		Universal Crop Protection
Homes	Gerbils; Mice; Rats	coumatetralyl	RB	0,375 g/kg	Mirron Grain Bait	9495		Villa Crop Protection
Homes	Cockroaches	indoxacarb		6 g/kg	Advion Cockroach Gel Bait	8424		Du Pont de Nemours
Homes	Flying and crawling insects	lambda-cyhalothrin	CS	106 g/l	Lambda Kill 106 CS	9264		Universal Crop Protection
Hops	Red spider mite	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Hops	African bollworm	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Hops	African bollworm	chlorantraniliprole	SC	200 g/l	Coragen	8529	1 day	Du Pont de Nemours Int SA
Hops	Cutworms	chlorpyrifos	EC	480 g/l	Dursban 480 EC	5225		Dow AgroSciences SA
Hops	Red spider mite	cyhexatin	SC	600 g/l	Acarstin Flo	4165		Sipcam South Africa
Hops	African bollworm	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Hops	African bollworm	esfenvalerate	EC	200 g/l	Sumi-Alpha 200 EC	6452		Philagro South Africa
Hops	African bollworm	esfenvalerate	EC	50 g/l	Sumicidin Super	6381		Philagro South Africa
Hops	African bollworm	esfenvalerate	EW	200 g/l	Sumi-Alpha 200 EW	8821		Philagro South Africa
Hops	Nematodes	furfural	EC	800 g/l	Crop Guard 80	9253		Illovo Sugar Ltd
Hops	Nematodes	furfural	EC	900 g/l	Crop Guard	6864		Illovo Sugar Ltd
Hops	African bollworm	indoxacarb	EC	150 g/l	Avaunt 150 EC	8623		Du Pont de Nemours
Hops	African bollworm	indoxacarb	EC	150 g/l	Steward 150 EC	8435	7 days	Du Pont de Nemours Int SA
Hops	African bollworm	methomyl	SL	200 g/l	Methomex 200 SL	5253		Adama SA
Horseradish	Aphids; Leafhopper; Whitefly	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Household	Crawling and flying insects	alpha-cypermethrin	SC	100 g/l	Alphathrin	7850		Tsunami Plant Protection
Household	Flying and crawling insects	alpha-cypermethrin	SC	60 g/l	Kombat Flies	8718	n/a	Kombat
Household	Mice, Rats	brodifacoum	BB	0,05 g/kg	Jaguar Blox	8259	n/a	MC Pharma
Household	Mice, Rats	brodifacoum	RB	0,05 g/kg	Broditop Pasta	8387	n/a	Mr. Stefano Migliore
Household	Mice, Rats	bromadiolone	RB	0.05 g/kg	Tomcat All-Weather Blox	5524	n/a	MC Pharma
Household	Crawling and flying insects	deltamethrin	FU	30 g/kg	Insect Fumigation Tablets	8556		Avima
Household	Crawling insects	deltamethrin/piperonyl butoxide	EC	15/40 g/l	Deltanex 15 EC	8801		Avima
Household	Crawling and flying insects	deltamethrin/piperonyl butoxide	WP	70/350 g/kg	Delta 7 WP	8605		Lifeguards Sciences
Household	Cockroaches	hydramethylnon	gel	20,4 g/kg	Generis Gel	8727		Avima
Household	Ants	hydramethylnon	GR	10 g/kg	Nip-It Ant Control	8579	n/a	Prinswer Manufacturing CC
Household	Cockroaches	indoxacarb		6 g/kg	Advion Cockroach Gel Bait	8424	n/a	Du Pont de Nemours
Household	Crawling and flying insects	lambda-cyhalothrin	ES	100 g/l	Ant Free	8715	n/a	Kombat
Household	Crawling and flying insects	lambda-cyhalothrin	ES	100 g/l	Fly Free	8716	n/a	Kombat
Household	Crawling and flying insects	lambda-cyhalothrin	ES	100 g/l	Roach Free	8714	n/a	Kombat

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Household	Crawling and flying insects	lambda-cyhalothrin	ES	60 g/l	Mosquito Free	8717	n/a	Kombat
Household	Crawling insects	permethrin/pirimiphos-methyl	DP	4/16 g/kg	Super Guard Dust	8057		Avima
Household	Flying insects, crawling insects	permethrin	WP	250 g/kg	Cipla Permethrin	3637	2010/02	Cipla Agricare
Household & Hospitality industry	Crawling insects	permethrin/piperonyl butoxide	DP	5/40 g/kg	Permadust	7999	n/a	Lifeguard Sciences
Household and Hospitality industry	Flying insects; Crawling insects	alpha-cypermethrin	SC	100 g/l	Alpha-Thrin Pest Kill	9441		Villa Crop Protection
Household and Hospitality industry	Gerbils; Mice; Rats	brodifacoum	CB	0,75 g/kg	Pulse Liquid Bait	6192		Lifeguard Sciences
Household and Hospitality industry	Gerbils; Mice; Rats	brodifacoum	RB	0,05 g/kg	Pulse Pellets	6190		Lifeguard Sciences
Household and Hospitality industry	Gerbils; Mice; Rats	brodifacoum	RB	0,05 g/kg	Pulse Wax Blocks	6189		Lifeguard Sciences
Household and Hospitality industry	Crawling insects	cypermethrin/prallethrin/piperonyl butoxide	AE	2,2/1,1/8,0 g/kg	Longlast	7837		Lifeguard Sciences
Household and Hospitality industry	Crawling insects	deltamethrin/imiprothrin	AE	0,51/1 g/kg	Raid Crawling Insect Killer	8040		SC Johnson & Son SA
Household and Hospitality industry	Mice; Rats	difenacoum	RB	0,05 g/kg	Ridak Gold	8809		BASF SA
Household and Hospitality industry	Flies; Mosquitoes	d-phenothrin/d-trans allethrin/piperonyl butoxide	AE	10/2/120 g/kg	Synmatic	8932		Lifeguard Sciences
Household and Hospitality industry	Flying insects; Crawling insects	d-phentothrin/d-transallethrin/d-tetramethrin/piperonyl butoxide	AE	1,6/0,9/0,9/8,0 g/kg	Superfast	7838		Lifeguard Sciences
Household and Hospitality industry	Cockroaches	fipronil	RB	0,6 g/kg	Domino Cockroach Gel	9782		Lifeguard Sciences
Household and Hospitality industry	Crawling insects; Flying insects	fipronil/lambda cyhalothrin	SC	182/18 g/l	Reward 200 Super	9663		Universal Crop Protection
Household and Hospitality industry	Flying insects; Crawling insects	flufenoxuron/lambda cyhalothrin	EC	25/25 g/l	Struma 50 EC	9519		Villa Crop Protection
Household and Hospitality industry	Ants	hydramethylnon	GEL	21,5 g/kg	Agent Pest Bait	9351		Villa Crop Protection
Household and Hospitality industry	Crawling insects; Flying insects	lambda-cyhalothrin	ME	100 g/l	Bombex Lambda 10 CS - Public Health	9534		GAT Microencapsulation SA
Household and Hospitality industry	Flying insects; Crawling insects	lambda-cyhalothrin	ME	106 g/l	Judo Kill 106 CS	9442		Villa Crop Protection
Household and Hospitality industry	Flies	methomyl/(Z)-9-Tricosene	RB	10/1 g/kg	Snap	8395		Lifeguard Sciences
Household and Hospitality industry	Crawling insects	permethrin/tetramethrin/piperonyl butoxide	SL	3,0/1,0/6,0 g/kg	Guardian Insect Spray	6493		Lifeguard Sciences
Household and Hospitality industry	Flies; Mosquitoes	pyrethrins/piperonyl butoxide	AE	15/150 g/kg	Ecomatic	8003		Lifeguard Sciences
Household and Hospitality industry	Flying insects; Crawling insects	pyrethrins/piperonyl butoxide	ULV	5/40 g/l	Nimbus	8012		Lifeguard Sciences
Household and Hospitality industry	Ants	sodium tetraborate	EC	100 g/l	Ant-Kill	9140		Nutrico SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Household outside	Flies	methomyl/(Z)-9-Tricocene	bait	10/1 g/kg	Active Fly Bait	8395	2010/02	Wefco Marketing International CC
Indoors	Cockroaches	boric acid	PA	75 g/150 ml	Drift Cockroach Killer	8267		Inala Pest Control Operators
Industrial	Crawling insects	dichlorvos	EC	1000 g/l	Devipan 100	8633		Makhro-Agro SA
Industrial areas	Flying and crawling insects	lambda-cyhalothrin	CS	106 g/l	Lambda Kill 106 CS	9264		Universal Crop Protection
Industrial premises	Bedbugs; Fleas	carbaryl	WP	850 g/kg	Carbaryl 850 WP	7626		Universal Crop Protection
Industrial premises	Gerbils; Mice; Rats	coumatetralyl	RB	0,375 g/kg	Mirron Grain Bait	9495		Villa Crop Protection
Industrial premises	Termites	fipronil	EC	25 g/l	Termidor 25 EC	6616		BASF SA
Jatropha	Chrysomelidae beetle	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Kiwi fruit	African bollworm; Leafrollers	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Kiwi fruit	Fruit fly	fenthion	EC	500 g/l	Lebaycid 500 EC	1270		Bayer
Kiwi fruit	Leafhoppers; Mealybugs	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Lawns	Caterpillar; Crickets	carbaryl	DP	50 g/kg	Avi-Carbo DP	1703		Avima
Lawns	Caterpillars; Crickets	carbaryl	DP	50 g/kg	Carbakil	6746		Small Pack Solutions/Proek
Lawns	Lawn caterpillar	carbaryl	DP	50 g/kg	Carbaryl Dust 50 DP	7627		Universal Crop Protection
Lawns	Caterpillar; Crickets	carbaryl	DP	50 g/kg	Karbachick	8610		Kombat
Lawns	Lawn caterpillar	carbaryl	DP	50 g/kg	Karb dust 50 DP	1081		Villa Crop Protection
Lawns	Crickets; Lawn caterpillar	carbaryl	DP	50 g/kg	Karbapet	8611		Kombat
Lawns	Lawn caterpillar	carbaryl	SC	480g/l	Sevin XLR Plus	5783		Universal Crop Protection
Lawns	Crickets; Lawn caterpillar	chlorpyrifos	CS	232 g/l	Pychlorex 232 CS	8445		Arysta Lifescience SA
Lawns	Ants; Army worm; Crickets; Lawn caterpillar; Northern harvester termite	cypermethrin	EC	200 g/l	Bitrad Cypermethrin	7014		Bitrad Consulting
Lawns	Crickets; Lawn caterpillar	cypermethrin	EC	200 g/l	Cypermethrin	7851		Arysta Lifescience SA
Lawns	Ants; Crickets; Lawn caterpillar	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4069		Agro-Serve t/a Efekto
Lawns	Army worm	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4644		Universal Crop Protection
Lawns	Ants; Armyworm; Crickets; Lawn caterpillar; Northern harvester termite	cypermethrin	EC	200 g/l	Kemprin 200 EC	3145		Arysta Lifescience SA /Protek
Lawns	Army worm	cypermethrin	EC	200 g/l	Knox Worm	7176		Arysta LS/Protek
Lawns	Crickets; Lawn caterpillar	cypermethrin	EC	200 g/l	Makhro Cyper	7750		Makhro-Agro SA
Lawns	Ants; Lawn caterpillar	deltamethrin	SC	10 g/l	Aphids	8500		Kombat
Lawns	Ants; Lawn caterpillar	deltamethrin	SC	10 g/l	Garden Insects	8502		Kombat
Lawns	Ants; Cutworms; Lawn caterpillar; Northern harvester termite	deltamethrin	SC	10 g/l	K-O Gard SC 10	4794	n/a	Bayer
Lawns	Lawn caterpillar	diazinon	EC	275 g/l	Diazinon	4550		Gulf Chemicals t/a Arysta Lifescience SA
Lawns	Lawn caterpillar	dichlorvos	EC	1000 g/l	Desta 100 EC	6641		Volcano Agrosience /ta Arysta LS
Lawns	Mole crickets	fipronil	SC	200 g/l	Dynamite SC	8408		Villa Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Lawns	Mole crickets	fipronil	SC	200 g/l	Nova Fip 200 SC	9477		AgriNova Trust
Lawns	Mole crickets	fipronil	SC	200 g/l	Regent 200 SC	4910		BASF South Africa
Lawns	Snakes	silicon based repelent	AL	85 ml/l	Snake Repel	7505		Chemical Solutions
Lawns	Northern harvester termite	sodium fluosilicate	RB	50 g/kg	Termite Stop	5437		Small Pack Solutions/Protek
Lawns & Turf	Mole crickets	fipronil	SC	200 g/l	Demonstrate 200 SC	9976		Universal Crop Protection
Lawns & Turf	Mole crickets	fipronil	SE	200 g/l	Rhyme 200 SE	8992		Cheminova (Disa Bio-Technologies CC)
Lawns & Turf	Mole crickets;White grubs	imidacloprid	SC	350 g/l	Meadow 350 SC	9982		Universal Crop Protection
Lawns & Turf	Mole cricket; White grub	thiamethoxam	WG	250 g/kg	Molecrickets	8977		Kombat
Lawns (farming)	Army worm; Caterpillar; Crickets	chlorpyrifos	EC	480 g/l	Avi-Klorpirifos	4318		Avima
Leeks	Thrips	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Leeks	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Leeks	Thrips	spinosad	SC	120 g/l	Eco Insect Control	7232		Agro-Serve t/a Efekto
Leeks	Thrips	spinosad	SC	480 g/l	Tracer 480 SC	6557		Dow AgroSciences SA
Leeks	Thrips	spinosad	WP	800 g/kg	Entrust Naturalyte 800 WP	7389		Dow AgroSciences SA
Lentils	Leafminers; Red spider mite; Thrips	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Lentils	African bollworm; Armyworms; Cutworms; Leafminers; Pumpkin fly; Semi-looper; Stink bugs; Thrips; Tomato moth; White fly	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Lettuce	Carmine spider mite; Leafminers; Red spider mite	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Lettuce	African bollworm	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Lettuce	African bollworm; Semi-looper	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Lettuce	African bollworm	Bacillus thuringiensis var. kurstaki	WG	xx	Delfin	9761		Madumbi Sustainable Agriculture
Lettuce	White fly	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Lettuce	African bollworm; Armyworms; Cutworms; Diamondback moth; Leafminers; Stink bugs; Thrips; Whitefly	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Lettuce	Cutworm	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Lettuce	Cutworms	chlorpyrifos	EC	480 g/l	Agropyrifos 480 EC	4888		Arysta Lifescience SA
Lettuce	Cutworms	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	5417		Makhteshim-Agan SA
Lettuce	Cutworms	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6272		Arysta Lifescience SA
Lettuce	Cutworms	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6350		Universal Crop Protection
Lettuce	Cutworms	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	7183		Villa Crop Protection
Lettuce	Cutworm	chlorpyrifos	EC	480 g/l	Chlorpyrifos EC	5867		Cropchem
Lettuce	Cutworms	chlorpyrifos	EC	480 g/l	Dursban 480 EC	5225		Dow AgroSciences SA
Lettuce	Cutworms	chlorpyrifos	EC	480 g/l	Lirifos 480 EC	4883		Gouws & Scheepers (Nulandis)
Lettuce	Cutworms	chlorpyrifos	EC	480 g/l	Makhrofos 480 EC	7973		Makhro-Agro SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Lettuce	Cutworms	chlorpyrifos	EC	480 g/l	Pyrifos 480 EC	6397		Applied Agricultural Products (Nulandis)
Lettuce	Cutworms	chlorpyrifos	EC	480 g/l	Pyrinex 480 EC	4673		Adama SA
Lettuce	Cutworms	chlorpyrifos	EC	480 g/l	Rochlop 480 EC	5905		Rotam RSA
Lettuce	Cutworms	chlorpyrifos	WG	750 g/kg	Dursban 750 WG	6589	21 days	Dow AgroSciences SA
Lettuce	Diamond back moth	chlorpyrifos/lambda-cyhalothrin	EC	338/12 g/l	Limit 350 EC	8601		Villa Crop Protection
Lettuce	Diamond back moth	chlorpyrifos/lambda-cyhalothrin	EC	338/12 g/l	Linear 350 EC	8602		Universal Crop Protection
Lettuce	African bollworm; Cutworm	deltamethrin	AL	60 mg/l	Servus RTU	8420		Makhro-Agro SA
Lettuce	African bollworm; Cutworms	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Lettuce	Caterpillars	deltamethrin	EC	25 g/l	Delta-Thrin 25 EC	7263		Universal Crop Protection
Lettuce	Caterpillars	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Lettuce	African bollworm	deltamethrin	EC	25 g/l	Servus	7271		Adama SA
Lettuce	African bollworm; Armyworms	emamectin benzoate	WG	50 g/kg	Proclaim	7581		Syngenta SA
Lettuce	Nematodes	ethoprophos	GR	150 g/kg	Mocap GR	6985		Villa Crop Protection
Lettuce	Nematodes	ethoprophos	GR	150 g/kg	Phoscap 15 GR	9119		Universal Crop Protection
Lettuce	Nematodes	ethoprophos	GR	150 g/kg	Procap 15 GR	9118		Villa Crop Protection
Lettuce	African bollworm; Fall armyworm	flubendiamide	EC	480 g/l	Belt	8860		Bayer
Lettuce	Nematodes	furfural	EC	800 g/l	Crop Guard 80	9253		Illovo Sugar Ltd
Lettuce	Nematodes	furfural	EC	900 g/l	Crop Guard	6864		Illovo Sugar Ltd
Lettuce	Fall armyworm	indoxacarb	EC	150 g/l	Steward 150 EC	8435	1 day	Du Pont de Nemours Int SA
Lettuce	Fall armyworm	indoxacarb	WG	300 g/kg	Steward	6332	1 day	Du Pont de Nemours Int SA
Lettuce	Armyworm; Diamondback moth; Leafhoppers; Loopers; Whitefly	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Lettuce	Armyworms; Diamondback moth; Leafhoppers; Semi-loopers; White fly	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Lettuce	African bollworm	methoxyfenozide	SC	240 g/l	Runner 240 SC	7779		Dow AgroSciences SA
Lettuce	Aphids	mevinphos	EC	150 g/l	Mevinfos EC	4315		Universal Crop Protection
Lettuce	Aphids	mevinphos	EC	240 g/l	Phosdrin 240 EC	7267		Universal Crop Protection
Lettuce	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Lettuce	Aphids; Whitefly	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Lettuce	African bollworm	spinosad	SC	120 g/l	Eco Insect Control	7232		Agro-Serve t/a Efekto
Lettuce	African bollworm	spinosad	SC	480 g/l	Tracer 480 SC	6557		Dow AgroSciences SA
Lettuce	African bollworm; Leafminer	spinosad	WP	800 g/kg	Entrust Naturalyte 800 WP	7389		Dow AgroSciences SA
Lettuce	Aphids	spirotetramat	SC	240 g/l	Movento	8559		Bayer
Lettuce	Aphids; Leafhoppers; Whitefly	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Litchis	False codling moth	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Litchis	False codling moth	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Litchis	Nematodes	cadusafos	EW	100 g/l	Rugby 10 ME	6368		FMC
Litchis	Nematodes	cadusafos	GR	100 g/kg	Rugby 10 G	4110		FMC SA
Litchis	Bark borers; Stem borers	carbaryl	SC	480g/l	Sevin XLR Plus	5783		Universal Crop Protection
Litchis	False codling moth	chlorantraniliprole	SC	200 g/l	Coragen	8529	14 days	Du Pont de Nemours Int SA
Litchis	False codling moth	chlorantraniliprole	WG	350 g/kg	Altacor	8467	14 days	Du Pont de Nemours Int SA
Litchis	False codling moth	cryptophlebia leucotreta granulovirus	SC	5x10 (10) OBs (occlusion bodies)/ml	Cryptogram	7598		River Bioscience
Litchis	False codling moth	dodeceny acotate E8/dodeceny acetate Z8	VP	15/15 g/kg	RB Splat FCM	10259		River Bioscience
Litchis	Nematodes	fenamiphos	GR	100 g/kg	Nemacur 10 GR	2056		Villa Crop Protection
Litchis	False codling moth	methoxyfenozide	SC	240 g/l	Runner 240 SC	7779		Dow AgroSciences SA
Litchis	False codling moth	permethrin/false codling moth female pheromone	RB	60/4 g/kg	Last Call F.C.M.	6973		Insect Science
Litchis	Litchi moth	teflubenzuron	SC	150 g/l	Nomolt	4990		BASF South Africa
Livestock facilities	Flies	(Z)-9 tricosene/imidacloprid	RB	5/5 g/kg	Victor Fly Bait	9662		Adama SA
Lucerne	Lucerne caterpillar	alpha-cypermethrin	EC	100 g/l	Fastac EC	4991		BASF South Africa
Lucerne	Caterpillar	alpha-cypermethrin	EC	100 g/l	Magnum Super EC	6679		Technichem
Lucerne	Caterpillar	alpha-cypermethrin	EC	100 g/l	Sentry EC	7966		Volcano Agroscience /ta Arysta LS
Lucerne	Caterpillar	alpha-cypermethrin	SC	100 g/l	Alpha-thrin 100 SC	7425		Villa Crop Protection
Lucerne	Caterpillar	alpha-cypermethrin	SC	100 g/l	Avalanche	6807		Klub M5
Lucerne	Lucerne caterpillar	alpha-cypermethrin	SC	100 g/l	Fastac SC	4992		BASF South Africa
Lucerne	Caterpillar	alpha-cypermethrin	SC	100 g/l	Magnum Super SC	7816		Technichem Crop Protection
Lucerne	Caterpillar	alpha-cypermethrin	SC	100 g/l	Polytrin Super 100 SC	7262		Universal Crop Protection
Lucerne	Caterpillar	Bacillus thuringiensis var kurstaki	WG	32 000 IU/mg	Kirshhoffs Margaret Roberts Dipel Biological Cater	7112		Ball Straathof
Lucerne	African bollworm; Armyworms; Caterpillar	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Lucerne	African bollworm; Caterpillar	beta-cyfluthrin	SC	125 g/l	Bulldock Beta 125 SC	7612		Bayer
Lucerne	Caterpillar	beta-cypermethrin	EC	100 g/l	Akito	6709		Cropserve/Arysta Lifescience SA
Lucerne	Caterpillar	carbaryl	DP	50 g/kg	Avi-Carbo DP	1703		Avima
Lucerne	Caterpillar	carbaryl	DP	50 g/kg	Carbaryl Dust 50 DP	7627		Universal Crop Protection
Lucerne	Caterpillar	carbaryl	DP	50 g/kg	Karbachick	8610		Kombat
Lucerne	Caterpillar	carbaryl	DP	50 g/kg	Karbadust 50 DP	1081		Villa Crop Protection
Lucerne	Caterpillar	carbaryl	DP	50 g/kg	Karbapet	8611		Kombat

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Lucerne	Caterpillar	carbaryl	SC	480g/l	Sevin XLR Plus	5783		Universal Crop Protection
Lucerne	Caterpillar	carbaryl	WP	850 g/kg	Carbaryl	3250		Kombat
Lucerne	Caterpillar	carbaryl	WP	850 g/kg	Carbaryl 850 WP	7626		Universal Crop Protection
Lucerne	Caterpillar	carbaryl	WP	850 g/kg	Karba 850 WP	1195		Villa Crop Protection
Lucerne	Caterpillars	carbaryl	WP	850 g/kg	Kombat KarbaCore	3243		Kombat
Lucerne	Armyworms; Cutworms; Semi-looper; Stink bug; Thrips	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Lucerne	Army worm	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	5417		Makhteshim-Agan SA
Lucerne	Army worm	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	7183		Villa Crop Protection
Lucerne	Army worm	chlorpyrifos	EC	480 g/l	Pyrifos 480 EC	6397		Applied Agricultural Products (Nulandis)
Lucerne	Caterpillar	cypermethrin	EC	200 g/l	Avi-Sipermetrin EC	3980		Avima
Lucerne	Caterpillar	cypermethrin	EC	200 g/l	Bitrad Cypermethrin	7014		Bitrad Consulting
Lucerne	Caterpillar	cypermethrin	EC	200 g/l	Chanrai Cypermethrin 200 EC	8843		Chanrai SA
Lucerne	Caterpillar	cypermethrin	EC	200 g/l	Cyperin 200 EC	5321		Nulandis
Lucerne	Caterpillar	cypermethrin	EC	200 g/l	Cypermethrin	7851		Arysta Lifescience SA
Lucerne	Caterpillar	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4069		Agro-Serve t/a Efekto
Lucerne	Caterpillar	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4644		Universal Crop Protection
Lucerne	Caterpillar	cypermethrin	EC	200 g/l	Doodskoot EC	3285		WPK Landbou
Lucerne	Caterpillar	cypermethrin	EC	200 g/l	Farmag Cypermethrin	3207		Castle Ag-Chem
Lucerne	Caterpillar	cypermethrin	EC	200 g/l	Kemprin 200 EC	3145		Arysta Lifescience SA /Protek
Lucerne	Caterpillar	cypermethrin	EC	200 g/l	Polytrin 200 EC	5409		Villa Crop Protection
Lucerne	Caterpillar	cypermethrin	EC	200 g/l	Sipermetrien	4889		Arysta Lifescience SA /Protek
Lucerne	Caterpillar	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Lucerne	Caterpillar	deltamethrin	EC	25 g/l	Celtis 25 EC	7965		Volcano Agrosience /ta Arysta LS
Lucerne	Caterpillars	deltamethrin	EC	25 g/l	Delta-Thrin 25 EC	7263		Universal Crop Protection
Lucerne	Caterpillars	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Lucerne	Caterpillar	deltamethrin	EC	25 g/l	Deltis 2,5% EC	6511		Almond Agro Chemicals (Pty Ltd
Lucerne	Caterpillar	deltamethrin	EC	25 g/l	Servus	7271		Adama SA
Lucerne	Caterpillar	deltamethrin	EW	25 g/l	Zenit	9073		Meridian Agrochemical Co.
Lucerne	Black sand mite; Earth flea	dimethoate	EC	400 g/l	Butcher	6313		Klub M5
Lucerne	Aphids; Black sand mite; Earth flea	dimethoate	EC	400 g/l	Deus 400 EC	7610		Ag-Chem Africa
Lucerne	Black sand mite; Earth flea	dimethoate	EC	400 g/l	Dimethoate	4823		Wenkem
Lucerne	Black sand mit; Earth flea	dimethoate	EC	400 g/l	Dimethoate	7059		Volcano Agrosiences
Lucerne	Black sand mite; Earth flea	dimethoate	EC	400 g/l	Dimethoate	8455		Universal Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Lucerne	black sand mite, earth flea	dimethoate	EC	400 g/l	Dimethoate EC	4507		Cropchem
Lucerne	Black sand mite; Earth flea	dimethoate	EC	400 g/l	Dimethoate EC	7940		Makhro-Agro SA
Lucerne	Black sand mite; Earth flea	dimethoate	EC	400 g/l	Genoate EC	8195		Villa Crop Protection
Lucerne	African bollworm; Caterpillar	gamma-cyhalothrin	CS	60 g/l	Vantex 60 CS	7227		Chemnova (Disa Bio-Technologies CC)
Lucerne	Armyworm; Caterpillar; Loopers; Thrips	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Lucerne	African bollworm	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Lucerne	African bollworm	lambda-cyhalothrin	EC	50 g/l	Cylam 50 EC	8261		Gouws & Scheepers
Lucerne	African bollworm; Caterpillar	lambda-cyhalothrin	EC	50 g/l	Judo 50 EC	7785		Villa Crop Protection
Lucerne	African bollworm; Armyworm; Caterpillar; Loopers; Thrips	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Lucerne	African bollworm; Caterpillar	lambda-cyhalothrin	EC	50 g/l	Lambda 50 EC	7787		Universal Crop Protection
Lucerne	African bollworm; Caterpillar	lambda-cyhalothrin	EC	50 g/l	Lambda EC	8546		Arysta Lifescience SA
Lucerne	African bollworm; Caterpillar	lambda-cyhalothrin	EC	50 g/l	Makhrolam 5 EC	8141		Makhro-Agro SA
Lucerne	African bollworm	lambda-cyhalothrin	EC	50 g/l	Shamda 50 EC	10258		Sharda International Africa CC
Lucerne	African bollworm; Caterpillar	lambda-cyhalothrin	EC	50g/l	Lamdex 5 EC	7578		Adama SA
Lucerne	Caterpillar	mercaptotion	DP	50 g/kg	Malathion DP	5966		Agro-Serve t/a Efekto
Lucerne	Caterpillar	mercaptotion	DP	50 g/kg	Merkaptotion DP	4278		Avima
Lucerne	Earth flea	mercaptotion	EC	500 g/l	Datathion 500 EC	828		Nulandis
Lucerne	Earth flea	mercaptotion	EC	500 g/l	Malasol	1353		Agro-Serve t/a Efekto
Lucerne	Earth flea	mercaptotion	EC	500 g/l	Mercaptotion 500 EC	4394		Dow AgroSciences SA
Lucerne	Earth flea	mercaptotion	WP	250 g/kg	Avi Merkaptotoks	3031		Avima
Lucerne	Caterpillar	mercaptotion/pyrethrins	DP	50/0,4 g/kg	Pythion 5% DP	2124		Avima
Lucerne	African bollworm	methomyl	SL	200 g/l	Methomate 200 SL	8123		Villa Crop Protection
Lucerne	African bollworm	methomyl	SL	200 g/l	Methomex 200 SL	5253		Adama SA
Lucerne	African bollworm	methomyl	SL	200 g/l	Methomyl 200 SL	7100		Universal Crop Protection
Lucerne	African bollworm	methomyl	SL	200 g/l	Mylomex 200 SL	4367		Nulandis
Lucerne	African bollworm	methomyl	SP	900 g/kg	Ciplamyl 90 SP	3436		Cipla Agricare
Lucerne	African bollworm	methomyl	SP	900 g/kg	Kuik 900 SP	5602		Rotam RSA
Lucerne	African bollworm	methomyl	SP	900 g/kg	Lannate 900 SP	2011		Du Pont de Nemours
Lucerne	African bollworm	methomyl	SP	900 g/kg	Makhromex 900 SP	8140		Makhro-Agro SA
Lucerne	African bollworm	methomyl	SP	900 g/kg	Masta 900 SP	9449		Arysta Lifescience SA
Lucerne	African bollworm	methomyl	SP	900 g/kg	Methomex 900 SP	5254		Adama SA
Lucerne	African bollworm	methomyl	SP	900 g/kg	Methomyl 100 SP	6873		Tsunami Plant Protection
Lucerne	African bollworm	methomyl	SP	900 g/kg	Methomyl 90 SP	5931		Universal Crop Protection
Lucerne	African bollworm	methomyl	SP	900 g/kg	Methomyl 90 SP	7189		Villa Crop Protection
Lucerne	African bollworm; Fall armyworm	methomyl	SP	900 g/kg	Mylomex 900 SP	4783		Nulandis
Lucerne	African bollworm	methomyl	SP	900 g/kg	Spitfire 900 SP	8197	7 days	Bitrad Consulting
Lucerne	Aphids; Earth flea; Black sand mite	omethoate	SL	800 g/l	Folimat 800 SL	2316		Arysta Lifescience SA
Lucerne	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Lucerne	Aphids; Leafhoppers	thiamethoxam	FS	350 g/l	Cruiser	6288		Syngenta SA
Lucerne	Aphids; Leafhoppers	thiamethoxam	FS	600 g/l	Cruiser White	7546		Syngenta SA
Lucerne	Caterpillar	trichlorfon	SP	950 g/kg	Trichlorfon 950 SP	6566		Almond Agro Chemicals (Pty Ltd
Lucerne	Caterpillar	trichlorfon	SP	950 g/kg	Trichlorfon 950 SP	6686		Tsunami Plant Protection /ta Arysta LS
Lucerne	Caterpillar	zeta-cypermethrin	EW	100 g/l	Fury 10 EW	6696		FMC
Lupins	African bollworm	beta-cyfluthrin	SC	125 g/l	Bulldock Beta 125 SC	7612		Bayer
Lupins	African bollworm	beta-cypermethrin	EC	100 g/l	Akito	6709		Cropserve/Arysta Lifescience SA
Lupins	African bollworm	cypermethrin	EC	200 g/l	Chanrai Cypermethrin 200 EC	8843		Chanrai SA
Lupins	African bollworm	cypermethrin	EC	200 g/l	Doodskoot EC	3285		WPK Landbou
Lupins	African bollworm	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Lupins	African bollworm	deltamethrin	EC	25 g/l	Celtis 25 EC	7965		Volcano Agrosience /ta Arysta LS
Lupins	African bollworm	deltamethrin	EC	25 g/l	Delta-Thrin 25 EC	7263		Universal Crop Protection
Lupins	African bollworm	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Lupins	African bollworm	deltamethrin	EC	25 g/l	Deltis 2,5% EC	6511		Almond Agro Chemicals (Pty Ltd
Lupins	African bollworm	deltamethrin	EC	25 g/l	Servus	7271		Adama SA
Lupins	African bollworm	deltamethrin	EW	25 g/l	Zenit	9073		Meridian Agrochemical Co.
Lupins	African bollworm	gamma-cyhalothrin	CS	60 g/l	Vantex 60 CS	7227		Cheminova (Disa Bio-Technologies CC)
Lupins	African bollworm	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Lupins	African bollworm	lambda-cyhalothrin	EC	50 g/l	Cylam 50 EC	8261		Gouws & Scheepers
Lupins	African bollworm	lambda-cyhalothrin	EC	50 g/l	Judo 50 EC	7785		Villa Crop Protection
Lupins	African bollworm	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Lupins	African bollworm	lambda-cyhalothrin	EC	50 g/l	Lambda 50 EC	7787		Universal Crop Protection
Lupins	African bollworm	lambda-cyhalothrin	EC	50 g/l	Lambda EC	8546		Arysta Lifescience SA
Lupins	African bollworm	lambda-cyhalothrin	EC	50 g/l	Makhrolam 5 EC	8141		Makhro-Agro SA
Lupins	African bollworm	lambda-cyhalothrin	EC	50g/l	Lamdex 5 EC	7578		Adama SA
Lupins	African bollworm	methomyl	SL	200 g/l	Methomate 200 SL	8123		Villa Crop Protection
Lupins	African bollworm	methomyl	SL	200 g/l	Methomex 200 SL	5253		Adama SA
Lupins	African bollworm	methomyl	SL	200 g/l	Methomyl 200 SL	7100		Universal Crop Protection
Lupins	African bollworm	methomyl	SL	200 g/l	Mylomex 200 SL	4367		Nulandis
Lupins	African bollworm	methomyl	SP	900 g/kg	Ciplamyl 90 SP	3436		Cipla Agricare
Lupins	African bollworm	methomyl	SP	900 g/kg	Kuik 900 SP	5602		Rotam RSA
Lupins	African bollworm	methomyl	SP	900 g/kg	Lannate 900 SP	2011		Du Pont de Nemours
Lupins	African bollworm	methomyl	SP	900 g/kg	Makhromex 900 SP	8140		Makhro-Agro SA
Lupins	African bollworm	methomyl	SP	900 g/kg	Masta 900 SP	9449		Arysta Lifescience SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Lupins	African bollworm	methomyl	SP	900 g/kg	Methomex 900 SP	5254		Adama SA
Lupins	African bollworm	methomyl	SP	900 g/kg	Methomyl 100 SP	6873		Tsunami Plant Protection
Lupins	African bollworm	methomyl	SP	900 g/kg	Methomyl 90 SP	5931		Universal Crop Protection
Lupins	African bollworm	methomyl	SP	900 g/kg	Methomyl 90 SP	7189		Villa Crop Protection
Lupins	African bollworm; Fall armyworm	methomyl	SP	900 g/kg	Mylomex 900 SP	4783		Nulandis
Lupins	African bollworm	methomyl	SP	900 g/kg	Spiritfire 900 SP	8197	7 days	Bitrad Consulting
Lupins	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Macadamia nuts	European red mite; Red spider mite	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Macadamia nuts	Stinkbug	acephate	SP	750 g/kg	Ace 750 SP	4175		Nulandis
Macadamia nuts	Stink bug	alpha-cypermethrin	EC	100 g/l	Fastac EC	4991		BASF South Africa
Macadamia nuts	Stink bug	alpha-cypermethrin	EW	100 g/l	Ichiban 100 EW	9248		Meridian Agrochemical Co.
Macadamia nuts	Stink bug	alpha-cypermethrin	SC	100 g/l	Ag-Alpha Cyper 100 SC	8473		Ag-Chem Africa
Macadamia nuts	Stink bug	alpha-cypermethrin	SC	100 g/l	Alpha-thrin 100 SC	7425		Villa Crop Protection
Macadamia nuts	Stink bug	alpha-cypermethrin	SC	100 g/l	Avalanche	6807		Klub M5
Macadamia nuts	Stinkbug	alpha-cypermethrin	SC	100 g/l	Fastac SC	4992		BASF South Africa
Macadamia nuts	Stinkbug	alpha-cypermethrin	SC	100 g/l	Magnum Super SC	7816		Technichem Crop Protection
Macadamia nuts	Stink bug	alpha-cypermethrin	SC	100 g/l	Polytrin Super 100 SC	7262		Universal Crop Protection
Macadamia nuts	False codling moth	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Macadamia nuts	False codling moth	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Macadamia nuts	Stinkbug	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Macadamia nuts	Stinkbug	beta-cyfluthrin	SC	125 g/l	Bulldock Beta 125 SC	7612		Bayer
Macadamia nuts	Stinkbug	beta-cypermethrin	EC	100 g/l	Akito	6709		Cropserve/Arysta Lifescience SA
Macadamia nuts	Bark borers; Stem borers	carbaryl	SC	480g/l	Sevin XLR Plus	5783		Universal Crop Protection
Macadamia nuts	African bollworm; Carob moth; Codling moth; False codling moth; Litchi moth; Stinkbug complex	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Macadamia nuts	Aphids; Stinkbugs; Thrips	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Macadamia nuts	Mealy bug; Thrips	chlorpyrifos	WG	750 g/kg	Dursban 750 WG	6589	83 days	Dow AgroSciences SA
Macadamia nuts	Stinkbugs	chlorpyrifos/cypermethrin	EC	450/5 g/l	Cyferfos 500EC	7606		Nulandis
Macadamia nuts	False codling moth	cryptophlebia leucotreta granulovirus	SC	5x10 (10) OBs (occlusion bodies)/ml	Cryptogran	7598		River Bioscience
Macadamia nuts	Stinkbug	cypermethrin	EC	200 g/l	Ag-Cypermethrin 200 EC	8491		Ag-Chem Africa
Macadamia nuts	Stinkbug	cypermethrin	EC	200 g/l	Avi-Sipermetrin EC	3980		Avima
Macadamia nuts	Stinkbug	cypermethrin	EC	200 g/l	Bitrad Cypermethrin	7014		Bitrad Consulting
Macadamia nuts	Stink bug	cypermethrin	EC	200 g/l	Chanrai Cypermethrin 200 EC	8843		Chanrai SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Macadamia nuts	Stinkbugs	cypermethrin	EC	200 g/l	Cyperin 200 EC	5321		Nulandis
Macadamia nuts	Stinkbug	cypermethrin	EC	200 g/l	Cypermethrin	7851		Arysta Lifescience SA
Macadamia nuts	Stinkbug	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4069		Agro-Serve t/a Efekto
Macadamia nuts	Stinbug	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4644		Universal Crop Protection
Macadamia nuts	Stinkbugs	cypermethrin	EC	200 g/l	Farmag Cypermethrin	3207		Castle Ag-Chem
Macadamia nuts	Stinkbug	cypermethrin	EC	200 g/l	Kemprin 200 EC	3145		Arysta Lifescience SA /Protek
Macadamia nuts	Stinkbug	cypermethrin	EC	200 g/l	Nova Methrin 200	9930		AgriNova Trust
Macadamia nuts	Stinkbug	cypermethrin	EC	200 g/l	Polytrin 200 EC	5409		Villa Crop Protection
Macadamia nuts	Stinkbugs	cypermethrin	EC	200 g/l	Sipermetrin	4889		Arysta Lifescience SA /Protek
Macadamia nuts	African bollworm; Codling moth; False codling moth; Leafrollers	emamectin benzoate	WG	50 g/kg	Proclaim	7581		Syngenta SA
Macadamia nuts	Stinkbug	gamma-cyhalothrin	CS	60 g/l	Vantex 60 CS	7227		Cheminova (Disa Bio-Technologies CC)
Macadamia nuts	Thrips	imidacloprid	SC	350 g/l	Kohinor 350 SC	8447		Adama SA
Macadamia nuts	Stinkbug	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Macadamia nuts	Stinkbug	lambda-cyhalothrin	CS	50 g/l	Karis 5 CS	9267		GAT Microencapsulation SA
Macadamia nuts	Stinkbug	lambda-cyhalothrin	EC	50 g/l	Ag-Lambda 50 EC	8472		Ag-Chem Africa
Macadamia nuts	Stinkbugs	lambda-cyhalothrin	EC	50 g/l	Attacke	7669		Erintrade CC t/a R.T. Chemicals
Macadamia nuts	Stinkbug	lambda-cyhalothrin	EC	50 g/l	Judo 50 EC	7785		Villa Crop Protection
Macadamia nuts	Stinkbug	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Macadamia nuts	Stinkbug	lambda-cyhalothrin	EC	50 g/l	Lambda 50 EC	7787		Universal Crop Protection
Macadamia nuts	Stinkbug	lambda-cyhalothrin	EC	50 g/l	Lambda EC	8546		Arysta Lifescience SA
Macadamia nuts	Stinkbug	lambda-cyhalothrin	EC	50 g/l	Shamda 50 EC	10258		Sharda International Africa CC
Macadamia nuts	False codling moth	methoxyfenozide	SC	240 g/l	Runner 240 SC	7779		Dow AgroSciences SA
Macadamia nuts	False codling moth	permethrin/false codling moth female pheromone	RB	60/4 g/kg	Last Call F.C.M.	6973		Insect Science
Macadamia nuts	Macadamia nut borer	permethrin/pheromone	RB	60/1,6 g/kg	Last Call M.N.B.	7249		Insect Science
Macadamia nuts	Fruit sucking bug; Stinkbug	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Macadamia nuts	False codling moth; Thrips	spinetoram	WG	250 g/l	Delegate 250 WG	8392		Dow AgroSciences SA
Macadamia nuts	Stinkbug	tau-fluvalinate	EW	240 g/l	Klartan 240 EW	5096		Adama SA
Macadamia nuts	Stinkbug	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Macadamia nuts	Stinkbug	zeta-cypermethrin	EW	100 g/l	Fury 10 EW	6696		FMC
Maize	Nematodes	abamectin	FS	400 g/l	Avicta	8496		Syngenta SA
Maize	Nematodes	abamectin	FS	500 g/l	Avicta 500 FS	9258		Syngenta SA
Maize	Red spider mite	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Maize	African bollworm; Cutworms; Pink stalk borer; Stalk borer	alpha-cypermethrin	EC	100 g/l	Fastac EC	4991		BASF South Africa
Maize	African bollworm; Pink stalkborer; Stalkborer	alpha-cypermethrin	EC	100 g/l	Magnum Super EC	6679		Technichem

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Maize	African bollworm; Pink stalk borer; Stalkborer	alpha-cypermethrin	EC	100 g/l	Sentry EC	7966		Volcano Agrosience /ta Arysta LS
Maize	African bollworm; Stalk borer	alpha-cypermethrin	EW	100 g/l	Ichiban 100 EW	9248		Meridian Agrochemical Co.
Maize	African bollworm; Pink stalk borer; Stalk borer	alpha-cypermethrin	SC	100 g/l	Alpha-thrin 100 SC	7425		Villa Crop Protection
Maize	African bollworm; Pink stalk borer; Stalk borer	alpha-cypermethrin	SC	100 g/l	Avalanche	6807		Klub M5
Maize	African bollworm; Pink stalk borer; Stalk borer	alpha-cypermethrin	SC	100 g/l	Fastac SC	4992		BASF South Africa
Maize	African bollworm; Cutworm; Pink stalkborer; Stalkborer	alpha-cypermethrin	SC	100 g/l	Magnum Super SC	7816		Technichem Crop Protection
Maize	Red spider mite	amitraz	EC	200 g/l	Mitac	4560		Volcano Agrosience
Maize	Astylus larvae; Black maize beetle; Ground weevils; Leafhopper; Lesser false wireworms; Wireworms	Bacillus firmus/clothianidin neonicotinoid	FS	100/500 g/l	Poncho Votivo 600 FS	9250		Bayer
Maize	Chilo stalkborer; Stalkborer	benfuracarb	EC	200 g/l	Action EC	8280		Universal Crop Protection
Maize	Chilo stalkborer; Stalkborer	benfuracarb	EC	200 g/l	Stalker	7914		Meridian Agrochemical Co.
Maize	Chilo stalkborer; Stalkborer	benfuracarb	EC	200 g/l	Stamex EC	8279		Villa Crop Protection
Maize	Black maize beetle; False wireworm; Ground weevil	benfuracarb	LS	900 g/l	Oncol 900 LS	3109		Dow AgroSciences SA
Maize	Chilo stalkborer; Stalkborer	benfuracarb/lambda-cyhalothrin	EC	200/6 g/l	Arena EC	8532		Villa Crop Protection
Maize	Chilo stalkborer; Stalkborer	benfuracarb/lambda-cyhalothrin	EC	200/6 g/l	Benfurathrin 206 EC	8531		Universal Crop Protection
Maize	Chilo stemborer, Busseola stalkborer	benfuracarb/lambda-cyhalothrin	EC	200/6 g/l	Benfurathrin EC	8531		Universal Crop Protection
Maize	Chilo stalkborer; Stalkborer	benfuracarb/lambda-cyhalothrin	EC	200/6 g/l	Benfurathrin EC	8531		Universal Crop Protection
Maize	Chilo stalkborer; Stalkborer	beta-cyfluthrin	GR	0,5 g/kg	Bulldock 0,05 GR	4540		Bayer
Maize	Chilo stalkborer; Stalkborer	beta-cyfluthrin	SC	125 g/l	Bulldock Beta 125 SC	7612		Bayer
Maize	African bollworm; Pink stalk borer; Stalk borer	beta-cypermethrin	EC	100 g/l	Akito	6709		Cropserve/Arysta Lifescience SA
Maize	Red spider mite	bifenthrin	EC	100 g/l	Bifenthrin 100 EC	9125		Sharda International Africa CC
Maize	Two-spotted spider mite (Red spider mite)	bifenthrin	EC	100 g/l	Ramba 100 EC	9899		Villa Crop Protection
Maize	Red spider mite	bifenthrin	EC	100 g/l	Seizer 100 EC	7471		Adama SA
Maize	Red spider mite	bifenthrin	EC	100 g/l	Tempes 100 EC	9946		Universal Crop Protection
Maize	Stalk borer	bifenthrin/novaluron	SC	50/50 g/l	Rimon Fast 100 SC	9422		Adama SA
Maize	Stalkborer	carbaryl	GR	25 g/kg	Stalkborer Granules	2491		Kombat
Maize	Stalk borer	carbaryl	GR	25 g/kg	Stalkborer Granules	8767		Agro-Serve t/a Efekto
Maize	Chafer beetle	carbaryl	SC	480g/l	Sevin XLR Plus	5783		Universal Crop Protection
Maize	Armyworm; Chafer beetle	carbaryl	WP	850 g/kg	Carbaryl	3250		Kombat
Maize	Army worm; Chafer beetle	carbaryl	WP	850 g/kg	Carbaryl 850 WP	7626		Universal Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Maize	Army worm; Chafer beetle	carbaryl	WP	850 g/kg	Karba 850 WP	1195		Villa Crop Protection
Maize	Army worm; Chafer beetle	carbaryl	WP	850 g/kg	Kombat Karbacure	3243		Kombat
Maize	Astylus beetle; Black maize beetle; False wire worm; Ground weevils; Leafhopper; Nematodes; Root worm; Stalkborer	carbofuran	GR	100 g/kg	Alvuran 100 G	4881		Nulandis
Maize	Astylus beetle; Black maize beetle; False wire worm; Ground weevils; Leafhopper; Nematodes; Root worm; Stalkborer	carbofuran	GR	100 g/kg	Carbodan 10 G	7577		Adama SA
Maize	Astylus beetle; Black maize beetle; False wire worm; Ground weevils; Leafhopper; Nematodes; Root worm; Stalkborer	carbofuran	GR	100 g/kg	Carbofuran	6649		Volcano Agrosociences
Maize	Astylus beetle; Black maize beetle; False wireworms; Ground weevils; Leafhoppers; Nematodes; Rootworm; Stalkborer	carbofuran	GR	100 g/kg	Carbofuran 10 GR	8547		Tsunami Plant Protection /ta Arysta LS
Maize	Astylus beetle; Black maize beetle; False wire worm; Ground weevils; Leafhopper; Nematodes; Root worm; Stalkborer	carbofuran	GR	100 g/kg	Carbofuran 100 GR	6945		Universal Crop Protection
Maize	Astylus beetle larvae; Black maize beetle; False wireworm; Ground weevils; Leafhoppers; Nematodes; Rootworm	carbofuran	GR	100 g/kg	Curaterr 10 GR	871		Bayer
Maize	Astylus beetle; Black maize beetle; False wire worm; Ground weevils; Leafhopper; Nematodes; Root worm; Stalkborer	carbofuran	GR	100 g/kg	Furadan 10 GR	7558		FMC Chemicals (pty)Ltd
Maize	Astylus beetle; Black maize beetle; False wire worm; Ground weevils; Leafhopper; Nematodes; Root worm; Stalkborer	carbofuran	GR	100 g/kg	Carbofuran 100 GR	7182		Villa Crop Protection
Maize	Black maize beetle; False wireworm; Ground weevils; Leafhopper; Nematodes; Stalkborer	carbosulfan	EC	480 g/l	Carbostem	7859		Meridian Agrochemical Co.
Maize	Black maize beetle; False wireworm; Ground weevils; Leafhopper; Nematodes; Stalkborer	carbosulfan	EC	480 g/l	Carbosulfan 480	7896		CMF Agrochemicals
Maize	Black maize beetle; False wireworm; Ground weevils; Leafhopper; Nematodes; Stalkborer	carbosulfan	EC	480 g/l	Marshal 400 EC	3314		FMC SA
Maize	Black maize beetle; False wireworm; Ground weevils; Leafhopper; Nematodes; Stalkborer	carbosulfan	EC	480 g/l	Rascal 480 EC	9898		Arysta Lifescience SA
Maize	Black maize beetle; False wire worms; Ground weevils; Leafhopper; Nematodes	carbosulfan	SC	400 g/l	Sharda Carbosulfan 400 SC	8954		Sharda International Africa CC
Maize	Chilo stalkborer; Stalkborer	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Maize	Black maize beetle; Stalkborer	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Maize	Black maize beetle; Stalkborer	chlorpyrifos	EC	480 g/l	Agropyrifos 480 EC	4888		Arysta Lifescience SA
Maize	Black maize beetle; Fall armyworm; Stalkborer	chlorpyrifos	EC	480 g/l	Avi-Klorpirifos	4318	32 days	Avima
Maize	Black maize beetle; Stalkborer	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	5417		Makhteshim-Agan SA
Maize	Black maize beetle; Stalkborer	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6272		Arysta Lifescience SA
Maize	Black maize beetle; Stalkborer	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6350		Universal Crop Protection
Maize	Black maize beetle; Stalkborer	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	7183		Villa Crop Protection
Maize	Black maize beetle; Stalkborer	chlorpyrifos	EC	480 g/l	Chlorpyrifos EC	5867		Cropchem

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Maize	Black maize beetle; Stalkborer	chlorpyrifos	EC	480 g/l	Chlorpyrifos	10017		Meridian Agrochemical Co.
Maize	Black maize beetle; Stalkborer	chlorpyrifos	EC	480 g/l	Dursban 480 EC	5225		Dow AgroSciences SA
Maize	Black maize beetle; Stalkborer	chlorpyrifos	EC	480 g/l	Lirifos 480 EC	4883		Gouws & Scheepers (Nulandis)
Maize	Black maize beetle; Stalkborer	chlorpyrifos	EC	480 g/l	Makhrofos 480 EC	7973		Makhro-Agro SA
Maize	Black maize beetle; Stalkborer	chlorpyrifos	EC	480 g/l	Pyrifos 480 EC	6397		Applied Agricultural Products (Nulandis)
Maize	Black maize beetle; Stalkborer	chlorpyrifos	EC	480 g/l	Pyrinex 480 EC	4673		Adama SA
Maize	Black maize beetle; Stalkborer	chlorpyrifos	EC	480 g/l	Rochlop 480 EC	5905		Rotam RSA
Maize	Black maize beetle; Stalkborer	chlorpyrifos	WG	750 g/kg	Dursban 750 WG	6589	32 days, 35 (grazing)	Dow AgroSciences SA
Maize	Black maize beetle; Fall armyworm; Stalkborer	chlorpyrifos/cypermethrin	EC	450/5 g/l	Cyprifos 500EC	7606		Nulandis
Maize	Stalkborer; Stem borer	chlorpyrifos/lambda-cyhalothrin	EC	338/12 g/l	Enstar	9975		Meridian Agrochemical Co.
Maize	Chilo stalkborer; Stalkborer	chlorpyrifos/lambda-cyhalothrin	EC	338/12 g/l	Limit 350 EC	8601		Villa Crop Protection
Maize	Chilo stalkborer; Stalkborer	chlorpyrifos/lambda-cyhalothrin	EC	338/12 g/l	Linear 350 EC	8602		Universal Crop Protection
Maize	Astylus beetle larvae; Black maize beetle; False wireworms; Ground weevils; Leafhopper; Wireworms	clothianidin	FS	600 g/l	Poncho 600 FS	8581		Bayer
Maize	Astylus larvae; Black maize beetle; False wire worms; Ground weevils; Leafhopper; Rootworms	clothianidin	FS	600 g/l	Pondo 600 FS	10168	90 days	Villa Crop Protection
Maize	Astylus larvae; Black maize beetle; False wire worms; Ground weevils; Leafhopper; Rootworms	clothianidin	FS	600 g/l	Pontac 600 FS White	10169	90 days	Universal Crop Protection
Maize	African bollworm	cypermethrin	EC	20 g/l	Fruitfly	3343		Kombat
Maize	African bollworm; Stalkborer	cypermethrin	EC	20 g/l	Garden Ripcord	3666		Agro-Serve t/a Efekto
Maize	African bollworm; Cutworm; Pink stalkborer; Stalkborer	cypermethrin	EC	200 g/l	Avi-Sipermetrin EC	3980		Avima
Maize	African bollworm; Pink stalkborer; Stalkborer	cypermethrin	EC	200 g/l	Bitrad Cypermethrin	7014		Bitrad Consulting
Maize	African bollworm; Stalk borer	cypermethrin	EC	200 g/l	Chanrai Cypermethrin 200 EC	8843		Chanrai SA
Maize	African bollworm; Stalk borer	cypermethrin	EC	200 g/l	Cyperin 200 EC	5321		Nulandis
Maize	African bollworm; Stalk borer	cypermethrin	EC	200 g/l	Cypermethrin	7851		Arysta Lifescience SA
Maize	African bollworm; Pink stalkborer; Stalk borer	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4069		Agro-Serve t/a Efekto
Maize	African bollworm; Pink stalkborer; Stalkborer	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4644		Universal Crop Protection
Maize	African bollworm; Stalkborer	cypermethrin	EC	200 g/l	Doodskoot EC	3285		WPK Landbou
Maize	African bollworm	cypermethrin	EC	200 g/l	Farmag Cypermethrin	3207		Castle Ag-Chem
Maize	African bollworm; Cutworm; Pink stalkborer; Stalkborer	cypermethrin	EC	200 g/l	Kemprin 200 EC	3145		Arysta Lifescience SA /Protek
Maize	African bollworm; Cutworms; Leafhoppers; Pink stalkborer; Stalkborer	cypermethrin	EC	200 g/l	Polytrin 200 EC	5409		Villa Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Maize	African bollworm; Stalk borer	cypermethrin	EC	200 g/l	Sipermetrien	4889		Arysta Lifescience SA /Protek
Maize	African bollworm; Armyworm; Chafer beetle; Chilo stalkborer; Stalkborer	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Maize	African bollworm; Chafer beetle; Chilo stalkborer; Stalkborer	deltamethrin	EC	25 g/l	Ag-Deltamethrin 25 EC	8492		Ag-Chem Africa
Maize	African bollworm; Chafer beetle; Chilo stalkborer; Stalkborer	deltamethrin	EC	25 g/l	Celtis 25 EC	7965		Volcano Agrosience /ta Arysta LS
Maize	African bollworm; Chafer beetle; Chilo stalkborer; Stalkborer	deltamethrin	EC	25 g/l	Delta-Thrin 25 EC	7263		Universal Crop Protection
Maize	African bollworm; Chafer beetle; Chilo stalkborer; Stalkborer	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Maize	African bollworm; Chafer beetle; Chilo stalkborer; Stalkborer	deltamethrin	EC	25 g/l	Deltis 2,5% EC	6511		Almond Agro Chemicals (Pty Ltd
Maize	African bollworm	deltamethrin	EC	25 g/l	D-Tacke	7229		Erintrade CC t/a R.T. Chemicals
Maize	African bollworm; Chilo stalkborer; Stalkborer	deltamethrin	EC	25 g/l	Servus	7271		Adama SA
Maize	Aphids	demeton-S-methyl	EC	250 g/l	Demeton EC	4852		Universal Crop Protection
Maize	Aphids	demeton-S-methyl	EC	250 g/l	Demeton-S-Methyl	4508		Cropchem
Maize	Aphids	demeton-S-methyl	EC	250 g/l	Demetox EC	2057		Avima
Maize	African bollworm; Army worm	emamectin benzoate	EW	20 g/l	Promec 20 EW	9729	14 days	Meridian Agrochemical Co.
Maize	African bollworm	emamectin benzoate	WG	50 g/kg	Proclaim	7581		Syngenta SA
Maize	Armyworm; Fall armyworm	emamectin benzoate	WG	50 g/kg	Vitex 50	9525	14 days	Meridian Agrochemical Co.
Maize	African bollworm; Chilo stalkborer; Stalkborer	esfenvalerate	EC	200 g/l	Sumi-Alpha 200 EC	6452		Philagro South Africa
Maize	African bollworm; Chilo stalkborer; Stalkborer	esfenvalerate	EC	50 g/l	Sumicidin Super	6381		Philagro South Africa
Maize	African bollworm; Chilo stalkborer; Stalkborer	esfenvalerate	EW	200 g/l	Sumi-Alpha 200 EW	8821		Philagro South Africa
Maize	Stalk borer	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	4187		Universal Crop Protection
Maize	Stalkborer	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	4603		Avima
Maize	Stalk borer	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	7185		Villa Crop Protection
Maize	Seed treatment film coating - not mentioned in text	film coating	FS		Peridiam EV26001	8669		Bayer Crop
Maize	Fall armyworm	flubendiamide	SC	480 g/l	Belt	8860		Bayer
Maize	Nematodes	furfural	EC	800 g/l	Crop Guard 80	9253		Illovo Sugar Ltd
Maize	Nematodes	furfural	EC	900 g/l	Crop Guard	6864		Illovo Sugar Ltd
Maize	Astylus larvae; Black maize beetle; False wire worms; Ground weevils; Leafhopper; Rootworms	imidacloprid	FS	350 g/l	Exseed 350 FS	7870		Bayer
Maize	Astylus larvae; Black maize beetle; False wire worms; Ground weevils; Leafhopper; Rootworms	imidacloprid	FS	350 g/l	Gaucho 350 FS	7849		Bayer
Maize	Astylus larvae; Black maize beetle; False wire worms; Ground weevils; Leafhopper; Rootworms	imidacloprid	FS	600 g/l	Gaucho 600 FS	6562		Bayer

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Maize	Astylus larvae; Black maize beetle; False wire worms; Ground weevils; Leafhopper; Rootworms	imidacloprid	FS	600 g/l	Ronsek 600 FS	8573		Villa Crop Protection
Maize	Astylus larvae; Black maize beetle; False wire worms; Ground weevils; Leafhopper; Rootworms	imidacloprid	FS	600 g/l	Solect 600 FS White	8572		Universal Crop Protection
Maize	Astylus larvae; Black maize beetle; False wire worm; Ground weevils; Leafhopper; Rootworm	imidacloprid	FS	600 g/l	Tirado	8007		Erintrade CC t/a R.T. Chemicals
Maize	Astylus larvae; Black maize beetle; False wire worms; Ground weevils; Rootworms	imidacloprid	WS	700 g/kg	Askari 70 WS	8541		DVA Chemicals SA
Maize	Astylus larvae; Black maize beetle; False wireworm; Ground weevils; Leafhopper	imidacloprid	WS	700 g/kg	Courage 700 WS	8002		Volcano Agrosience /ta Arysta LS
Maize	Astylus larvae; Black maize beetle; False wire worms; Ground weevils; Leafhopper; Rootworms	imidacloprid	WS	700 g/kg	Imidacloprid 700 WS	8446	65 days	Sharda International Africa CC
Maize	Astylus larvae; Black maize beetle; False wireworm; Ground weevil; Leafhopper; Rootworms	imidacloprid	WS	700 g/kg	Picus 70 WS	7762		Cheminova
Maize	Astylus larvae; Black maize beetle; False wireworm; Ground weevils; Leafhopper; Rootworms	imidacloprid	WS	700 g/kg	Picus 70 WS	8381		Cheminova
Maize	Astylus larvae; Black maize beetle; False wire worms; Ground weevils; Leafhopper; Rootworms	imidacloprid	WS	700 g/kg	Sombrero 700 WS	8444		Adama SA
Maize	Astylus larvae; Black maize beetle; False wireworm; Ground weevil; Leafhopper; Rootworms	imidacloprid	WS	700 g/kg	Stallion	7991		Tsunami Plant Protection /ta Arysta LS
Maize	African bollworm; Chilo stalkborer; Stalkborer	indoxacarb	EC	150 g/l	Avaunt 150 EC	8623		Du Pont de Nemours
Maize	African bollworm; Chilo stalkborer; Fall armyworm; Stalkborer	indoxacarb	EC	150 g/l	Steward 150 EC	8435	3 days; 42 days F	Du Pont de Nemours Int SA
Maize	African bollworm; Chilo stalkborer; Cutworms; Fall armyworm; Stem borer	indoxacarb	SC	150 g/l	Addition 150 SC	9146		Villa Crop Protection
Maize	African bollworm; Chilo stalkborer; Cutworm; Fall armyworm; Stem borer	indoxacarb	SC	150 g/l	Advance 150 SC	9147	7 days; 42 days F	Universal Crop Protection
Maize	African bollworm; Chilo stalkborer; Stalkborer	indoxacarb	SC	150 g/l	Avaunt	6678		Du Pont de Nemours
Maize	Army worm	indoxacarb	SC	300 g/l	Doxstar Flo	9884	42 days; 3 days F	Meridian Agrochemical Co.
Maize	Fall armyworm	indoxacarb	SC	300 g/l	Doxstar Flo	9884	42 days; 3 days F	Meridian Agrochemical Co.
Maize	African bollworm; Chilo stalkborer; Pink stalkborer; Stalk borer	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Maize	African bollworm; Chilo stalkborer; Maize stalkborer; Pink stalkborer	lambda-cyhalothrin	CS	106 g/l	Judo Secure 106 CS	8938	7 days	Villa Crop Protection
Maize	African bollworm; Chilo stalkborer; Maize stalkborer; Pink stalkborer	lambda-cyhalothrin	CS	106 g/l	Lambda Secure 106 CS	8939	7 days	Universal Crop Protection
Maize	Chilo stalkborer; Stalkborer	lambda-cyhalothrin	CS	50 g/l	Karis 5 CS	9267		GAT Microencapsulation SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Maize	African bollworm; Stalk borer	lambda-cyhalothrin	EC	50 g/l	Attacke	7669		Erintrade CC t/a R.T. Chemicals
Maize	African bollworm; Chilo stalkborer; Pink stalkborer; Stalkborer	lambda-cyhalothrin	EC	50 g/l	Cylam 50 EC	8261		Gouws & Scheepers
Maize	African bollworm; Sorghum stalkborer; Stalkborer	lambda-cyhalothrin	EC	50 g/l	Insectido 5 EC	8437		DVA Chemicals SA
Maize	African bollworm; Chilo stalkborer; Pink stalkborer; Stalkborer	lambda-cyhalothrin	EC	50 g/l	Judo 50 EC	7785		Villa Crop Protection
Maize	African bollworm; Chilo stalkborer; Pink stalkborer; Stalk borer	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Maize	African bollworm; Chilo stalkborer; Pink stalkborer; Stalkborer	lambda-cyhalothrin	EC	50 g/l	Lambda 50 EC	7787		Universal Crop Protection
Maize	African bollworm; Chilo stalkborer; Pink stalkborer; Stalkborer	lambda-cyhalothrin	EC	50 g/l	Lambda EC	8546		Arysta Lifescience SA
Maize	African bollworm; Chilo stalkborer; Pink stalkborer; Stalk borer	lambda-cyhalothrin	EC	50 g/l	Makhrolam 5 EC	8141		Makhro-Agro SA
Maize	African bollworm; Chilo stalkborer; Pink stalkborer; Stalkborer	lambda-cyhalothrin	EC	50g/l	Lamdex 5 EC	7578		Adama SA
Maize	Cutworms; Stalkborer	lambda-cyhalothrin	EW	50 g/l	Lambda Aquamul	9583		Meridian Agrochemical Co.
Maize	Pink stalkborer; Stalkborer	lambda-cyhalothrin	EW	50 g/l	Lambda Aquamul	9583		Meridian Agrochemical Co.
Maize	Chilo stalkborer; Stalkborer	lufenuron	EC	50 g/l	Baritone 50 EC	8659		Universal Crop Protection
Maize	Chilo stalkborer; Stalkborer	lufenuron	EC	50 g/l	Prime 50 EC	8660		Villa Crop Protection
Maize	Aphids; Army worm	mercaptotion	DP	50 g/kg	Malathion DP	5966		Agro-Serve t/a Efekto
Maize	Aphids	mercaptotion	DP	50 g/kg	Merkaptothion DP	4278		Avima
Maize	Army worm; Fall armyworm; Lesser army worm	mercaptotion	EC	500 g/l	Datathion 500 EC	828		Nulandis
Maize	Aphids	mercaptotion/pyrethrins	DP	50/0,4 g/kg	Pythion 5% DP	2124		Avima
Maize	African bollworm	methomyl	SL	200 g/l	Methomate 200 SL	8123		Villa Crop Protection
Maize	African bollworm	methomyl	SL	200 g/l	Methomex 200 SL	5253		Adama SA
Maize	African bollworm	methomyl	SL	200 g/l	Methomyl 200 SL	7100		Universal Crop Protection
Maize	African bollworm	methomyl	SL	200 g/l	Mylomex 200 SL	4367		Nulandis
Maize	African bollworm	methomyl	SP	900 g/kg	Ciplamyl 90 SP	3436		Cipla Agricare
Maize	African bollworm	methomyl	SP	900 g/kg	Kuik 900 SP	5602		Rotam RSA
Maize	African bollworm	methomyl	SP	900 g/kg	Lannate 900 SP	2011		Du Pont de Nemours
Maize	African bollworm	methomyl	SP	900 g/kg	Makhromex 900 SP	8140		Makhro-Agro SA
Maize	African bollworm; Fall armyworm	methomyl	SP	900 g/kg	Masta 900 SP	9449		Arysta Lifescience SA
Maize	African bollworm	methomyl	SP	900 g/kg	Methomex 900 SP	5254		Adama SA
Maize	African bollworm	methomyl	SP	900 g/kg	Methomyl 100 SP	6873		Tsunami Plant Protection
Maize	African bollworm	methomyl	SP	900 g/kg	Methomyl 90 SP	5931		Universal Crop Protection
Maize	African bollworm	methomyl	SP	900 g/kg	Methomyl 90 SP	7189		Villa Crop Protection
Maize	African bollworm; Fall armyworm	methomyl	SP	900 g/kg	Mylomex 900 SP	4783		Nulandis
Maize	African bollworm; Fall armyworm	methomyl	SP	900 g/kg	Spitfire 900 SP	8197	7 days	Bitrad Consulting

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Maize	Black maize beetle	phorate	GR	100 g/kg	Forate GR	5930		Universal Crop Protection
Maize	Red spider mite	propargite	EC	800 g/l	Comite EC	3230		Arysta Lifescience SA
Maize	Black maize beetle	quinalphos	GB	5 g/kg	Bonus	3614		Kombat
Maize	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	100 g/kg	Counter 100 G	1101		Villa Crop Protection
Maize	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	100 g/kg	Terbufos GR	5927		Universal Crop Protection
Maize	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Bitrad Terbufos 15 GR	7123		Bitrad Consulting
Maize	Astylus beetle; Black maize beetle; False wireworm; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Counter FC 15g	5571		Villa Crop Protection
Maize	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Ortofos 15 G	6608		Ortus Chemicals
Maize	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Terbufos 15 GR	6920		Universal Crop Protection
Maize	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Terbufos 15 GR	7186		Villa Crop Protection
Maize	Astylus beetle; Black maize beetle; False wireworms; Wireworm	terbufos	GR	150 g/kg	Terbufos 150	8119		Erintrade CC t/a R.T. Chemicals
Maize	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Terfos 15 G	7582		Volcano Agroscience /ta Arysta LS
Maize	Astylus beetle; Black maize beetle; False wireworms; Ground weevils; Leafhopper; Spotted maize beetle	thiamethoxam	FS	350 g/l	Cruiser	6288		Syngenta SA
Maize	Astylus beetle; Black maize beetle; False wireworms; Ground weevils; Leafhopper	thiamethoxam	FS	600 g/l	Cruiser White	7546		Syngenta SA
Maize	Black maize beetle; False wire worm; Ground weevil; Maize leafhopper; Spotted maize beetle	thiamethoxam	FS	600 g/l	Raider 600 FS White	9111		Universal Crop Protection
Maize	Black maize beetle; False wire worm; Ground weevil; Maize leafhopper; Spotted maize beetle	thiamethoxam	FS	600 g/l	Sorento 600 FS	9110		Villa Crop Protection
Maize	Astylus larvae; Black maize beetle; False wireworms; Ground weevils	thiamethoxam	WS	700 g/kg	Tacoma 700 WG	8857		Arysta Lifescience SA
Maize	Astylus beetle larvae; Black maize beetle; False wireworms; Ground weevils	thiamethoxam/tefluthrin	FS	200/80 g/l	Cruiser Force	8597		Syngenta SA
Maize	Astylus beetle larvae; Black maize beetle; False wireworms; Leafhopper	thiodicarb	FS	500 g/l	Semevin 500	4451		Bayer
Maize	Stalk borer	thiodicarb	SC	375 g/l	Larvin 375 SC	2997		Bayer
Maize	Stalkborer	thiodicarb	SC	375 g/l	Thiostar	10069		Meridian Agrochemical Co.
Maize	African bollworm; Cutworm; Pink stalkborer; Stalkborer	zeta-cypermethrin	EW	100 g/l	Fury 10 EW	6696		FMC
Maize (including sweetcorn)	African bollworm; Pink stalkborer; Stalkborer	alpha-cypermethrin	SC	100 g/l	Polytrin Super 100 SC	7262		Universal Crop Protection
Maize (including sweetcorn)	Chilo stalkborer; Fall armyworm; Stalkborer	benfuracarb/fenvalerate	EC	200/20 g/l	Oncol Super 220 EC	7649		Dow AgroSciences SA
Maize (including sweetcorn)	Fall armyworm	chlorantraniliprole	SC	200 g/l	Coragen	8529	7 days	Du Pont de Nemours Int SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Maize (including sweetcorn)	Fall armyworm	chlorantraniliprole	SC	50 g/l	Prevathon 5 SC	9150	7 days	Du Pont de Nemours Int SA
Maize (including sweetcorn)	Fall armyworm	emamectin benzoate	WG	50 g/kg	Emma	9022	14	Arysta Lifescience SA
Maize (including sweetcorn)	African bollworm; Chilo stalkborer; Pink stalkborer; Stalkborer	gamma-cyhalothrin	CS	60 g/l	Vantex 60 CS	7227		Chemnova (Disa Bio-Technologies CC)
Maize (including sweetcorn)	Fall armyworm	indoxacarb	WG	300 g/kg	Steward	6332	3 days; 42 days F	Du Pont de Nemours Int SA
Maize (including sweetcorn)	Fall armyworm	indoxacarb/novaluron	SC	240/80 g/l	Plemax	10246	63	Adama SA
Maize (including sweetcorn)	African bollworm; Chilo stalkborer	lambda-cyhalothrin	EC	50 g/l	Shanda 50 EC	10258		Sharda International Africa CC
Maize (including sweetcorn)	Fall armyworm	lufenuron	EC	50 g/l	Judge	9927	30 days	Arysta Lifescience SA
Maize (including sweetcorn)	Army worms; Fall armyworm	lufenuron	EC	50 g/l	Lepidex	7977	30 days	Meridian Agrochemical Co.
Maize (including sweetcorn)	Fall armyworm; Stalkborer	methoxyfenozide/spinetoram	SC	360 g/l	Uphold 360 SC	10164	21	Dow Agroscience SA
Maize (including sweetcorn)	Fall armyworm	spinetoram	WG	250 g/l	Delegate 250 WG	8392		Dow AgroSciences SA
Mangoes	Bud mite	bromopropylate	EC	500 g/l	Flair	8196		Erintrade CC t/a R.T. Chemicals
Mangoes	Scale	chlorpyrifos	WG	750 g/kg	Dursban 750 WG	6589	136 days	Dow AgroSciences SA
Mangoes	Weevil	deltamethrin	AL	60 mg/l	Servus RTU	8420		Makhro-Agro SA
Mangoes	Weevil	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Mangoes	Weevils	deltamethrin	EC	25 g/l	Ag-Deltamethrin 25 EC	8492		Ag-Chem Africa
Mangoes	Weevil	deltamethrin	EC	25 g/l	Delta-Thrin 25 EC	7263		Universal Crop Protection
Mangoes	Weevil	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Mangoes	Weevil	deltamethrin	EC	25 g/l	Servus	7271		Adama SA
Mangoes	Weevil	esfenvalerate	EC	200 g/l	Sumi-Alpha 200 EC	6452		Philagro South Africa
Mangoes	Weevils	esfenvalerate	EC	50 g/l	Sumicidin Super	6381		Philagro South Africa
Mangoes	Fruit fly; Weevil	fenthion	EC	500 g/l	Fenthion 500	6430		RT Chemicals
Mangoes	Fruit fly; Weevil	fenthion	EC	500 g/l	Fruitcare	9204		Starplex 83 CC
Mangoes	Fruit fly; Weevil	fenthion	EC	500 g/l	Grab 500 EC	5616		Gouws & Scheepers (Nulandis)
Mangoes	Fruit fly; Weevil	fenthion	EC	500 g/l	Lebaycid 500 EC	1270		Bayer
Mangoes	Weevils	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	4603		Avima
Mangoes	Thrips	fipronil	SC	200 g/l	Ciplapro-Nil 200	9383		Castle Ag-Chem
Mangoes	Thrips	fipronil	SC	200 g/l	Citrunil 200 SC	8380		Tsunami Plant Protection /ta Arysta LS
Mangoes	Thrips	fipronil	SC	200 g/l	Dynamite SC	8408		Villa Crop Protection
Mangoes	Thrips	fipronil	SC	200 g/l	Fipronil 200 SC	9114		Sharda International Africa CC
Mangoes	Thrips	fipronil	SC	200 g/l	Nova Fip 200 SC	9477		AgriNova Trust
Mangoes	Thrips	fipronil	SC	200 g/l	Regent 200 SC	4910		BASF South Africa

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Mangoes	Thrips	fipronil	SC	200 g/l	Reward SC	8268		Universal Crop Protection
Mangoes	Thrips	fipronil	SC	200 g/l	Rossi 200 SC	8272		Villa Crop Protection
Mangoes	Thrips	fipronil	SC	200 g/l	Warden 200 SC	9428		Arysta Lifescience SA
Mangoes	Thrips	fipronil	SE	200 g/l	Rhyme 200 SE	8992		Cheminova (Disa Bio-Technologies CC)
Mangoes	Thrips	fipronil	WG	800 g/kg	Agadi 800 WG	8968		Makhteshim-Agan SA
Mangoes	Fruit fly	fruitfly attractant/permethrin	RB	100/60 g/kg	Last Call FF	7023		Insect Science
Mangoes	Scale	prothiophos	EC	960 g/l	Tokuthion 960 EC	924		Volcano Agroscience /ta Arysta LS
Mangoes	Scale	pyriproxyfen	EC	100 g/l	Fredo	8568	60 days	Sharda International Africa CC
Mangoes	Scale	pyriproxyfen	EC	100 g/l	Genesis 100 EC	7571		Volcano Agroscience /ta Arysta LS
Mangoes	Scale	pyriproxyfen	EC	100 g/l	Nemesis	7099	60 days	Philagro South Africa
Mangoes	Scale	pyriproxyfen	EC	100 g/l	Nemesis 100 EC	6378		Philagro South Africa
Mangoes	Scale	pyriproxyfen	EC	100 g/l	ProXiX	7668		Erintrade CC t/a R.T. Chemicals
Mangoes	Scale	pyriproxyfen	EC	100 g/l	Proxy 100 EC	8100		Ag-Chem Africa
Mangoes	Scale	pyriproxyfen	EC	100 g/l	Proxy-10	7568		Almond Agrochemicals
Mangoes	Scale	pyriproxyfen	EC	100 g/l	Proxyfen	7569		Arysta Lifescience SA
Mangoes	Scale	pyriproxyfen	EC	100 g/l	Pyrilate EC	7570		Meridian Agrochemical Co.
Mangoes	Scale	pyriproxyfen	EC	100 g/l	Pyriproxyfen 100 EC	7572		Universal Crop Protection
Mangoes	Scale	pyriproxyfen	EC	100 g/l	Scalex 100 EC	7573		Villa Crop Protection
Mangoes	Mealy bug; Scale; Weevil	thiamethoxam	SC	240 g/l	Actara SC	7207	130 days	Syngenta SA
Mangoes	Mealy bug; Scale; Seed weevil	thiamethoxam	WG	250 g/kg	Devaxam 250 WG	9333		DVA Chemicals SA
Mangoes	Mango scale; Mango seed weevil; Mealybug	thiamethoxam	WG	250 g/kg	Thiamex 25 WG	9207		Arysta Lifescience SA
Mangoes	Mealybug; Mango scale; Mango seed weevil	thiamethoxam	WG	250 g/kg	Thiatox 250 WDG	9190		Villa Crop Protection
Mangoes	Mealybug; Mango scale; Mango seed weevil	thiamethoxam	WG	250 g/kg	Thiaxam 250 WDG	9191		Universal Crop Protection
Mangoes	Weevil	triflumuron	SC	480 g/l	Triflumuron 480	6862		RT Chemicals
Manure heaps	Fly maggots	dichlorvos	EC	1000 g/l	Nuvan 1000 EC	8016		Avima
Manure heaps	Fly maggots	trichlorfon	SP	950 g/kg	Trichlorfon 950 SP	6686		Tsunami Plant Protection /ta Arysta LS
Mating disruptor	Oriental fruit moth in peach and plum orchards	(E)-8 dodecen-1-yl acetate/(Z)-8 dodecen-1-ol/(Z)-8 dodecen-1-yl acetate	VP	240 mg/dispenser	Isomate OFM Rosso	6556		Nulandis
Mating disruptor	Oriental fruit moth	(E)-8 dodecen-1-yl acetate/(Z)-8 dodecen-1-ol/(Z)-8-dodecen-1-yl acetate	CS	14,4/2,7/214,2 g/l	CheckMate OFM-F	7388		Spectrum Research Services
Mating disruptor	Oriental fruit moth in stone fruit orchards	(E)-8 dodecen-1-yl acetate/(Z)-8 dodecen-1-ol/(Z)-8-dodecen-1-yl acetate	VP	150 mg/spiral	NoMate OFM Spiral	7487		Chempac

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Mating disruptor	False codling moth	(E)-8 Dodecen-1-yl acetate/(Z)-8-Dodecen-1-yl acetate	CS	225 g/l	CheckMate FCM-F	8384		Spectrum Research Services
Mating disruptor	Oriental fruit moth in peach and plum orchards	(E)-8 dodecenyl acetate/(Z)-8 dodecenol/(Z)-8 dodecenyl acetate	VP	222,5 mg/canister	Isomate M 100	6555		Nulandis
Mating disruptor	False codling moth in citrus orchards	(E)-8 dodecenyl acetate/Z-8 dodecenyl acetate/Z-8 dodecenol	VP	166,8/70,8/2,40 mg/dispenser	Isomate FCM	7692		Nulandis
Mating disruptor	False codling moth in avocado	(E)-8 dodecenyl acetate/Z-8 dodecenyl acetate/Z-8 dodecenol	VP	166,8/70,8/2,40 mg/dispenser	Isomate FCM	7692		Nulandis
Mating disruptor	False codling moth in litchi	(E)-8 dodecenyl acetate/Z-8 dodecenyl acetate/Z-8 dodecenol	VP	166,8/70,8/2,40 mg/dispenser	Isomate FCM	7692		Nulandis
Mating disruptor	False codling moth in tree nuts	(E)-8 dodecenyl acetate/Z-8 dodecenyl acetate/Z-8 dodecenol	VP	166,8/70,8/2,40 mg/dispenser	Isomate FCM	7692		Nulandis
Mating disruptor	False codling moth in pomegranates	(E)-8 dodecenyl acetate/Z-8 dodecenyl acetate/Z-8 dodecenol	VP	166,8/70,8/2,40 mg/dispenser	Isomate FCM	7692		Nulandis
Mating disruptor	False codling moth in stone fruit	(E)-8 dodecenyl acetate/Z-8 dodecenyl acetate/Z-8 dodecenol	VP	166,8/70,8/2,40 mg/dispenser	Isomate FCM	7692		Nulandis
Mating disruptor	False codling moth in grape vines	(E)-8 dodecenyl acetate/Z-8 dodecenyl acetate/Z-8 dodecenol	VP	166,8/70,8/2,40 mg/dispenser	Isomate FCM	7692		Nulandis
Mating disruptor	Codling moth in apples and pear orchards	(E,E)-8,10 dodecadien-1-ol	VP	140 mg/spiral	Nomate CM Spiral	5592		Chempac
Mating disruptor	Codling moth	(E,E)-8,10 Dodecadien-1-ol	VP	140 g/l	Checkmate CM-F	7159		Spectrum Research Services
Mating disruptor	Codling moth	(E,E)-8,10 Dodecadien-1-ol	VP	182,1 g/kg	Checkmate CM	5598		Spectrum Research Services
Mating disruptor	Codling moth	(E,E)-8,10 Dodecadien-1-ol	VP	69,33 g/canister	Puffer CM	8385		Spectrum Research Services
Mating disruptor	Codling moth in apple and pear orchards	(E,E)-8,10-Dodecadien-1-ol	VP	182,1 g/kg	CheckMate CM-XL 1000	8382		Spectrum Research Services
Mating disruptor	Codling moth	(E,E)-8,10-dodecadien-1-ol/dodecanol/tetradecanol	VP	529/297/60 g/l	Isomate C Plus	6311		Nulandis
Mating disruptor	Codling moth	(E,E)-8,10-dodecadien-1-ol/dodecanol/tetradecanol	VP	529/297/60 g/l	Isomate-CTT	6855		UAP Crop Care (Nulandis)
Mating disruptor	Codling moth	(E,E)-8;10-Dodecadien-1-ol/dodecanol/tetradecanol	VP	220/120/27,6 mg/dispenser	Halo CTT	9285		Arysta Lifescience SA
Mating disruptor	Oriental fruit moth	(Z)-8-dodecen-1-yl acetate/E-8-dodecen-1-yl acetate/Z-8-dodecen-1-ol	VP	180 mg/dispenser	Checkmate OFM	5278		Spectrum Research Services
Mating disruptor	Oriental fruit moth	(Z)-8-dodecenyl acetate/E-8-dodecenyl acetate/Z-8-dodecenol	VP	46,5/3/0,5 g/kg	Cidetrak OFM-L	9000		Viking Intellectual Properties

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Mating disruptor	Mealybug	lavandulyl senecioate	VP	150 mg/dispenser	Checkmate VMB-XL	8940		Spectrum Research Services
Medics and clover	Bacterial legume inoculant	Rhizobium meliloti	SC	2x10(9) cfu/ml	Nitro-Liq Lucerne	8987		Natrol
Mint	Red spider mite	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Mushrooms	Fungus gnats	cyromazine	WP	750 g/kg	Cygon	7230		RT Chemicals
Mushrooms	Flies; Fungus gnat	cyromazine	WP	750 g/kg	Patron 75 WP	3035		Syngenta SA
Mushrooms	Fungus gnats	dichlorvos	AE	93 g/kg	Insectigas	4612		Afrox
Mushrooms	Fungus gnat larvae	diflubenzuron	WP	250 g/kg	Diflubenzuron 250 WP	9413		Sharda International Africa CC
Mushrooms	Fungus gnats	diflubenzuron	WP	250 g/kg	Dimilin 25 WP	5483		Arysta Lifescience SA
Mushrooms	Fungus gnats	diflubenzuron	WP	250 g/kg	Larvakil	6119		Coopers Environmental Science
Mushrooms	Gnats	Heterorhabditis bacteriophora	WP	5x10(7) ijs/sachet	Cryptonem	9251		River Bioscience
Mushrooms	Fungus gnats	mercaptotion	DP	50 g/kg	Malathion DP	5966		Agro-Serve t/a Efekto
Mushrooms	Fungus gnats	mercaptotion	DP	50 g/kg	Merkaptotion DP	4278		Avima
Mushrooms	Fungus gnats	mercaptotion	EC	500 g/l	Avi Gard	216		Avima
Mushrooms	Fungus gnats	mercaptotion	EC	500 g/l	Datathion 500 EC	828		Nulandis
Mushrooms	Fungus gnats	mercaptotion	EC	500 g/l	Kombat Garden Insects	4469		Kombat
Mushrooms	Fungus gnats	mercaptotion	EC	500 g/l	Malasol	1353		Agro-Serve t/a Efekto
Mushrooms	Fungus gnats	mercaptotion	EC	500 g/l	Malathion	8317		Kombat
Mushrooms	Fungus gnats	mercaptotion	EC	500 g/l	Malathion 50% EC	4235		Agro-Serve t/a Efekto
Mushrooms	Fungus gnats	mercaptotion	EC	500 g/l	Mercaptotion 500 EC	4394		Dow AgroSciences SA
Mushrooms	Fungus gnats	mercaptotion	WP	250 g/kg	Avi Merkaptotoks	3031		Avima
Mushrooms	Fungus gnats	mercaptotion/pyrethrins	DP	50/0,4 g/kg	Pythion 5% DP	2124		Avima
Mustard	Aphids	spirotetramat	SC	240 g/l	Movento	8559		Bayer
Nectarines	Banded fruit weevil	chlorfenapyr	SC	360 g/l	Plumett	9860		Meridian Agrochemical Co.
Nectarines	Banded fruit weevil; Thrips	chlorfenapyr	SC	360 g/l	Sergeant	9876		Arysta Lifescience SA
Nectarines	European red mite; Red spider mite	cyhexatin	SC	600g/l	Triran FA	5481		Viking Distribuors
Nectarines	Banded fruit weevil	indoxacarb	WG	300 g/kg	Indo 300 WDG	9025		Crop Asure
Nectarines	African bollworm; Banded fruit weevil	lambda-cyhalothrin	EC	50 g/l	Shamda 50 EC	10258		Sharda International Africa CC
Non-food contact areas	Flies	(Z)-9 tricosene/imidacloprid	RB	5/5 g/kg	Victor Fly Bait	9662		Adama SA
Oats	Brown ear aphid; Oat aphid; Common wheat aphid	acetamiprid	SP	200 g/kg	Acetamiprid 200 SP	9348		Sharda International Africa CC
Oats	Aphids	acetamiprid	SP	200 g/kg	Alice 20 SP	8723		Arysta Lifescience SA
Oats	Aphids	acetamiprid	SP	200 g/kg	Mospilan 20 SP	5899		Mitsui & Co.
Oats	Aphids	acetamiprid	SP	200 g/kg	Mulan 20 SP	9167		Adama SA
Oats	Aphids	acetamiprid	SP	200 g/kg	Tamprid	9582		Meridian Agrochemical Co.
Oats	Brown ear aphid; Oat aphid; Common wheat aphid	acetamiprid	WG	200 g/kg	Devalan 20 SP	9492		DVA Chemicals SA
Oats	Aphids	acetamiprid	WG	200 g/kg	Mospilan 20	8192		Mitsui & Co.
Oats	Aphids; Red legged sand mite	omethoate	SL	800 g/l	Folimat 800 SL	2316		Arysta Lifescience SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Oats	Aphids	pirimicarb	WG	500 g/kg	Apex 500 WDG	8475		Villa Crop Protection
Oats	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Oats	Aphids	pirimicarb	WG	500 g/kg	Unipex 500 WDG	8474		Universal Crop Protection
Oats	Aphids; Wireworms	thiamethoxam	FS	350 g/l	Cruiser	6288		Syngenta SA
Oats	Aphids; Wireworms	thiamethoxam	FS	600 g/l	Cruiser White	7546		Syngenta SA
Okra	False codling moth	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Okra	False codling moth; White fly	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Okra	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Olives	Leaf eating beetles	aziphos-methyl	SC	200 g/l	Aziphos 200 SC	5588		Adama SA
Olives	Leaf eating beetles	aziphos-methyl	WP	350 g/kg	Aziphos 350 WP	4851		Adama SA
Olives	False codling moth	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Olives	False codling moth	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Olives	Lace bug	demeton-S-methyl	EC	250 g/l	Demeton EC	4852		Universal Crop Protection
Olives	Lace bugs	demeton-S-methyl	EC	250 g/l	Demeton-S-Methyl	4508		Cropchem
Olives	Lace bug	demeton-S-methyl	EC	250 g/l	Demetox EC	2057		Avima
Olives	African bollworm; Olive beetle	spinetoram	WG	250 g/l	Delegate 250 WG	8392		Dow AgroSciences SA
Olives	Olive fly	spinosad	CB	0,24 g/l	Eco Fruitfly Bait GF-120 *	7333		Agro-Serve t/a Efekto
Olives	Olive fly	spinosad	CB	0,24g/l	Gf-120 NF	7331		Dow AgroSciences SA
Onions	Leafminers; Thrips	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Onions	Thrips	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Onions	Thrips	cartap hydrochloride	SP	500 g/kg	Ag Tap 500 SP	7550		Ag-Chem Africa
Onions	Thrips	cartap hydrochloride	SP	500 g/kg	Agritap SP	9464		Meridian Agrochemical Co.
Onions	Thrips	cartap hydrochloride	SP	500 g/kg	Cartap	8497		Tsunami Plant Protection /ta Arysta LS
Onions	Thrips	cartap hydrochloride	SP	500 g/kg	Gibsan 500 SP	7018	14 days	Nulandis
Onions	Thrips	cartap hydrochloride	SP	500 g/kg	Suntap 500 SP	5760		Plaaskem (Gouws & Scheepers)
Onions	Thrips	deltamethrin	AL	60 mg/l	Servus RTU	8420		Makhro-Agro SA
Onions	Thrips	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Onions	Thrips	deltamethrin	EC	25 g/l	Celtis 25 EC	7965		Volcano Agrosience /ta Arysta LS
Onions	Thrips	deltamethrin	EC	25 g/l	Delta-Thrin 25 EC	7263		Universal Crop Protection
Onions	Thrips	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Onions	Thrips	deltamethrin	EC	25 g/l	Deltis 2,5% EC	6511		Almond Agro Chemicals (Pty Ltd)
Onions	Thrips	deltamethrin	EC	25 g/l	Servus	7271		Adama SA
Onions	Mite	demeton-S-methyl	EC	250 g/l	Demeton EC	4852		Universal Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Onions	Mites	demeton-S-methyl	EC	250 g/l	Demeton-S-Methyl	4508		Cropchem
Onions	Mite	demeton-S-methyl	EC	250 g/l	Demetox EC	2057		Avima
Onions	Thrips	fatty acids	SL	355 g/l	Fade	5995		Gouws and Scheepers (Nulandis)
Onions	Nematodes	fenamiphos	CS	240 g/l	Nemacur 240 CS	7247		Villa Crop Protection
Onions	Nematodes	fenamiphos	EC	400 g/l	Atador	7167		Erintrade CC t/a R.T. Chemicals
Onions	Nematodes	fenamiphos	EC	400 g/l	Fenamiphos 400 EC	7647		Universal Crop Protection
Onions	Nematodes	fenamiphos	EC	400 g/l	Nemacur 400 EC	367		Villa Crop Protection
Onions	Nematodes	fenamiphos	EC	400 g/l	Spitfire 400 EC	7646		Villa Crop Protection
Onions	Nematodes	furfural	EC	800 g/l	Crop Guard 80	9253		Illovo Sugar Ltd
Onions	Nematodes	furfural	EC	900 g/l	Crop Guard	6864		Illovo Sugar Ltd
Onions	Thrips	gamma-cyhalothrin	CS	60 g/l	Vantex 60 CS	7227		Cheminova (Disa Bio-Technologies CC)
Onions	Thrips	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Onions	Thrips	lambda-cyhalothrin	CS	50 g/l	Karis 5 CS	9267		GAT Microencapsulation SA
Onions	Thrips	lambda-cyhalothrin	EC	50 g/l	Cylam 50 EC	8261		Gouws & Scheepers
Onions	Thrips	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Onions	Thrips	lambda-cyhalothrin	EC	50 g/l	Shamda 50 EC	10258		Sharda International Africa CC
Onions	Thrips	mercaptotion	DP	50 g/kg	Malathion DP	5966		Agro-Serve t/a Efekto
Onions	Thrips	mercaptotion	DP	50 g/kg	Merkaptothion DP	4278		Avima
Onions	Thrips	mercaptotion	EC	500 g/l	Avi Gard	216		Avima
Onions	Thrips	mercaptotion	EC	500 g/l	Datathion 500 EC	828		Nulandis
Onions	Thrips	mercaptotion	EC	500 g/l	Kombat Garden Insects	4469		Kombat
Onions	Thrips	mercaptotion	EC	500 g/l	Malasol	1353		Agro-Serve t/a Efekto
Onions	Thrips	mercaptotion	EC	500 g/l	Malathion	8317		Kombat
Onions	Thrips	mercaptotion	EC	500 g/l	Malathion 50% EC	4235		Agro-Serve t/a Efekto
Onions	Thrips	mercaptotion	EC	500 g/l	Mercaptothion 500 EC	4394		Dow AgroSciences SA
Onions	Thrips	mercaptotion	WP	250 g/kg	Avi Merkaptotoks	3031		Avima
Onions	Thrips	mercaptotion/pyrethrins	DP	50/0,4 g/kg	Pythion 5% DP	2124		Avima
Onions	Thrips	omethoate	SL	800 g/l	Folimat 800 SL	2316		Arysta Lifescience SA
Onions	Thrips	oxamyl	SL	310 g/l	Vydate SL	5057		Du Pont de Nemours Int SA
Onions	Thrips	parathion	EC	500 g/l	Avi-Parathion EC	1946		Avima
Onions	Thrips	parathion	EC	500 g/l	Parathion 500 EC	4297		Universal Crop Protection
Onions	Thrips	phorate	GR	100 g/kg	Forate GR	5930		Universal Crop Protection
Onions	Thrips	profenofos	EC	500 g/l	Profenofos	7032		Universal Crop Protection
Onions	Thrips	profenofos	EC	500 g/l	Selecron 500 EC	3113		Syngenta SA
Onions	Thrips	spinosad	SC	120 g/l	Eco Insect Control	7232		Agro-Serve t/a Efekto

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Onions	Thrips	spinosad	SC	480 g/l	Tracer 480 SC	6557		Dow AgroSciences SA
Onions	Thrips	spinosad	WP	800 g/kg	Entrust Naturalyte 800 WP	7389		Dow AgroSciences SA
Ornamentals; Flowers & Lawns	American leafminer; Red spider mite	abamectin	EC	18 g/l	Abalone 18 EC	7458		Tsunami Plant Protection /ta Arysta LS
Ornamentals; Flowers & Lawns	Red spider mite	abamectin	EC	18 g/l	Agromectin	6798		Arysta Lifescience SA
Ornamentals; Flowers & Lawns	American leafminer, Red spider mite	abamectin	EC	18 g/l	Biomectin	7979		Villa Crop Protection
Ornamentals; Flowers & Lawns	Red spider mite	abamectin	EC	18 g/l	Makhromectin	7941		Makhro-Agro SA
Ornamentals; Flowers & Lawns	American leafminer, Red spider mite	abamectin	EC	18 g/l	Miticide	8501		Kombat
Ornamentals; Flowers & Lawns	American leafminer, Red spider mite	abamectin	EC	18 g/l	Unimectin 18 EC	7978		Universal Crop Protection
Ornamentals; Flowers & Lawns	American leafminer; Red spider mite	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Ornamentals; Flowers & Lawns	Moles	Allium sativum	AL	45 g/l	Mole Repellent	6271		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Red spider mite	amitraz	EC	200 g/l	Parsec 200 EC	7912		Makhteshim-Agan SA
Ornamentals; Flowers & Lawns	Red spider mite	amitraz	EC	200 g/l	Red Spidersprey	2274		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Red spider mite	amitraz	EC	200 g/l	Samba 200 EC	7509		Arysta Lifescience SA /Protek
Ornamentals; Flowers & Lawns	Spider mites	azadirachtin	SL	3 g/l	Absolute Neem Oil	9317		Absolute Neem Agricultural Spray & Adjuvants
Ornamentals; Flowers & Lawns	African bollworm; Army worms; Lawn caterpillar; Lily borer; Leafrollers; Pine tree emperor moth; Semi-looper	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Ornamentals; Flowers & Lawns	Red spider mite	bifenazate	SC	240 g/l	Floramite 240 SC	8324		Chemtura
Ornamentals; Flowers & Lawns	Aphids; Red spider mite; Thrips	bifenthrin/myclobutanil	EC	2/7,5 g/l	Rosecare 3	6509		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Aphids; Red spider mite	bifenthrin/bupirimate/propiconazole	AL	0,04/0,3/0,1 g/l	Makhro Rose Protector RTU	8631		Makhro-Agro SA
Ornamentals; Flowers & Lawns	Aphids; Red spider mite	bifenthrin/bupirimate/propiconazole	SL	10/75/25 g/l	Makhro Rose Protector	8114		Makhro-Agro SA
Ornamentals; Flowers & Lawns	Aphids; Red spider mite; Thrips	bifenthrin/myclobutanil	AL	0,02/0,075 g/l	Rosecare 3 RTU	7599		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Aphids; Leaf hoppers; Red spider mite; Thrips; White fly	borax/orange oil	SL	10/50 g/l	Prev- Am	7130		Oro Agri SA
Ornamentals; Flowers & Lawns	Aphids; Mealybug	canola oil	EC	960 g/l	Vegol	7061		Warren Chem
Ornamentals; Flowers & Lawns	Aphids; Red spider mite; Whitefly	canola oil/garlic extract	SL	478/478 g/l	Kannar Kangar	7145		Kannar CC

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Ornamentals; Flowers & Lawns	Aphids; Astylus beetle; CMR beetles; Red spider mite; Thrips; Whitefly	canola oil/garlic extract/piperonyl butoxide	SL	473/473/10 g/l	Kannar Pygar	7146		Kannar CC
Ornamentals; Flowers & Lawns	African bollworm; Ants; Aphids; Astylus beetle; CMR beetle; Red spider mite; Thrips; Whitefly	canola oil/garlic extract/pyrethrins/piperonyl butoxide	SL	250/642/14/50 g/l	KangroShield 100	7630		Kannar CC
Ornamentals; Flowers & Lawns	Aphids; Australian bug	canola oil/pyrethrin	EC	895/5 g/l	Pyrol	7062		Warren Chem
Ornamentals; Flowers & Lawns	Astylus beetle; Chafer beetle; Crickets; Lawn caterpillars; Shieldbug	carbaryl	DP	50 g/kg	Karbadust	493		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	African bollworm; Lawn caterpillar	carbaryl	WP	850 g/kg	Carbaryl	3250		Kombat
Ornamentals; Flowers & Lawns	African bollworm; Chafer beetles; Lawn caterpillar	carbaryl	WP	850 g/kg	Carbaryl 850 WP	7626		Universal Crop Protection
Ornamentals; Flowers & Lawns	African bollworm; Chafer beetles; Lawn caterpillar	carbaryl	WP	850 g/kg	Karba 850 WP	1195		Villa Crop Protection
Ornamentals; Flowers & Lawns	Chafer beetles; Lawn caterpillars	carbaryl	WP	850 g/kg	Karbaspray	2569		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	African bollworm; Lawn caterpillar	carbaryl	WP	850 g/kg	Kombat Karbacure	3243		Kombat
Ornamentals; Flowers & Lawns	Aphids; Astylus beetle; Chafer beetle; Crickets; Lawn caterpillar	carbaryl/deltamethrin	DP	15/0,75 g/kg	Everdeath	6281		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Red spider mite	chlorfenapyr	EC	100 g/l	Spidermitespray	6074		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Red spider mite	chlorfenapyr	SC	240 g/l	Hunter 24 SC	8307		BASF South Africa
Ornamentals; Flowers & Lawns	African bollworm; Aphids; Australian bug; Mealybug	chlorpyrifos	CS	232 g/l	Pychlorex 232 CS	8445		Arysta Lifescience SA
Ornamentals; Flowers & Lawns	African bollworm; Aphids; Australian bug; Mealy bug; Pernicious scale; Red scale; Red spider mite	chlorpyrifos	EC	480 g/l	Agropyrifos 480 EC	4888		Arysta Lifescience SA
Ornamentals; Flowers & Lawns	African bollworm; Aphids; Australian bug; Mealy bug; Pernicious scale; Red scale; Red spider mite	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6272		Arysta Lifescience SA
Ornamentals; Flowers & Lawns	African bollworm; Aphids; Australian bug; Mealy bug; Pernicious scale; Red scale; Red spider mite	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6350		Universal Crop Protection
Ornamentals; Flowers & Lawns	African bollworm; Aphids; Australian bug; Mealy bug; Pernicious scale; Red scale; Red spider mite	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	7183		Villa Crop Protection
Ornamentals; Flowers & Lawns	Red spider mite	chlorpyrifos	EC	480 g/l	Dursban 480 EC	5225		Dow AgroSciences SA
Ornamentals; Flowers & Lawns	Aphids	chlorpyrifos	EC	480 g/l	Lirifos 480 EC	4883		Gouws & Scheepers (Nulandis)
Ornamentals; Flowers & Lawns	African bollworm; Aphids; Australian bug; Mealy bug; Pernicious scale; Red scale; Red spider mite	chlorpyrifos	EC	480 g/l	Makhrofos 480 EC	7973		Makhro-Agro SA
Ornamentals; Flowers & Lawns	African bollworm; Aphids; Australian bug; Mealy bug; Pernicious scale; Red scale; Red spider mite	chlorpyrifos	EC	480 g/l	Pyrinex 480 EC	4673		Adama SA
Ornamentals; Flowers & Lawns	African bollworm; Aphids; Mealy bug; Pernicious scale; Red spider mite	chlorpyrifos	WG	750 g/kg	Dursban 750 WG	6589	83 days	Dow AgroSciences SA
Ornamentals; Flowers & Lawns	False codling moth	cryptophlebia leucotreta granulovirus	SC	5x10 (10) OBs (occlusion bodies)/ml	Cryptogran	7598		River Bioscience

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Ornamentals; Flowers & Lawns	Aphids; Crickets; Flower beetles; Lawn caterpillar; Lily borer; Mealy bug; Shield bug; White fly	cypermethrin	EC	20 g/l	Garden Ripcord	3666		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Aphids; Australian bug; Flower beetles; Lily borer; Mealy bug; Pine emperor moth; Shield bug and twig wilters; White fly	cypermethrin	EC	200 g/l	Bitrad Cypermethrin	7014		Bitrad Consulting
Ornamentals; Flowers & Lawns	Aphids; Flower beetles; Lily borer; Mealybug; White fly	cypermethrin	EC	200 g/l	Cypermethrin	7851		Arysta Lifescience SA
Ornamentals; Flowers & Lawns	Aphids; Australian bug; Flower beetles; Lily borer; Mealy bug; Pine emperor moth; Shield bug and twig wilters; White fly	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4069		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Pine emperor moth	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4644		Universal Crop Protection
Ornamentals; Flowers & Lawns	Aphids; Australian bug; Flower beetles; Lily borer; Mealybug; Pine emperor moth; Shield bug and twig wilters; White fly	cypermethrin	EC	200 g/l	Kemprin 200 EC	3145		Arysta Lifescience SA /Protek
Ornamentals; Flowers & Lawns	African bollworm; Aphids	cypermethrin	EC	200 g/l	Knox Worm	7176		Arysta LS/Protek
Ornamentals; Flowers & Lawns	Aphids; Australian bug; Flower beetles; Lily borer; Mealy bug; Pine emperor moth; Shield bug and twig wilters; White fly	cypermethrin	EC	200 g/l	Makhro Cyper	7750		Makhro-Agro SA
Ornamentals; Flowers & Lawns	Cutworm	cypermethrin/piperonyl butoxide	GR	2/10 g/kg	Scatter-kill for Cutworms	4119		Effecticide
Ornamentals; Flowers & Lawns	Crickets; Northern harvester termite	cypermethrin/piperonyl butoxide	SL	10,0/50,0 g/l	Spray-Kill for Ants, Harvester Termites, Crickets	4189		Effecticide
Ornamentals; Flowers & Lawns	African bollworm; CMR beetle; Lawn caterpillar; Mealy bug; Scale; Semi-looper; Thrips; White fly	cypermethrin/piperonyl butoxide	SL	8,0/40,0 g/l	Spray-Kill for Aphids, Moth	4287		Effecticide
Ornamentals; Flowers & Lawns	African bollworm; Ants; Antestia bug; Cutworms; Diamondback moth; Thrips; Weevil	deltamethrin	AL	60 mg/l	Servus RTU	8420		Makhro-Agro SA
Ornamentals; Flowers & Lawns	African bollworm	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Ornamentals; Flowers & Lawns	African bollworm	deltamethrin	EC	25 g/l	Delta-Thrin 25 EC	7263		Universal Crop Protection
Ornamentals; Flowers & Lawns	African bollworm	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Ornamentals; Flowers & Lawns	African bollworm; Aphids; Australian bug; Chafer beetle; Flower beetle; Lily borer; Shieldbugs; Thrips; Whitefly	deltamethrin	SC	10 g/l	Aphids	8500		Kombat
Ornamentals; Flowers & Lawns	African bollworm; Aphids; Australian bug; Chafer beetle; Flower beetle; Lily borer; Shieldbugs; Thrips; Whitefly	deltamethrin	SC	10 g/l	Garden Insects	8502		Kombat
Ornamentals; Flowers & Lawns	Ants; Aphids; Astylus beetle; Australian bug; Chafer beetle; Semi-loopers; Soft brown scale; Thrips; Whitefly	deltamethrin/esbiothrin	AL	0,02/1,0 g/l	No Insect Outdoors	6346		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Aphids	demeton-S-methyl	EC	250 g/l	Demeton EC	4852		Universal Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Ornamentals; Flowers & Lawns	Aphids	demeton-S-methyl	EC	250 g/l	Demeton-S-Methyl	4508		Cropchem
Ornamentals; Flowers & Lawns	Aphids	demeton-S-methyl	EC	250 g/l	Demetox EC	2057		Avima
Ornamentals; Flowers & Lawns	Aphids; Red spider mite	diazinon	EC	275 g/l	Diazinon	4550		Gulf Chemicals t/a Arysta Lifescience SA
Ornamentals; Flowers & Lawns	Aphids; Lawn caterpillars; Red spider mite	diazinon	EC	275 g/l	Diazinon 275 EC	4941		Avima
Ornamentals; Flowers & Lawns	Australian bug; Disinsectation; Leafminers; Mealy bug; Semi-looper	dichlorvos	EC	1000 g/l	Desta 100 EC	6641		Volcano Agroscience /ta Arysta LS
Ornamentals; Flowers & Lawns	Australian bug; Blotch leaf miner; Channel leaf miner; Disinsectation; Lawn caterpillars; Mealy bug; Semi-looper	dichlorvos	EC	1000 g/l	Devipan 100	4669		Makhteshim-Agan SA
Ornamentals; Flowers & Lawns	Australian bug; Blotch leaf miner; Channel leaf miner; Disinsectation; Lawn caterpillar; Mealybug; Semi-looper	dichlorvos	EC	1000 g/l	Devipan 100	8633		Makhro-Agro SA
Ornamentals; Flowers & Lawns	Australian bug; Blotch leaf miner; Channel leaf miner; Disinsectation; Lawn caterpillars; Mealy bug; Semi-looper	dichlorvos	EC	1000 g/l	Dichlorvos 1000 EC	4640		Universal Crop Protection
Ornamentals; Flowers & Lawns	Aphids	dimethoate	EC	400 g/l	Aphicide	528		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Aphids	dimethoate	EC	400 g/l	Danadim Progress	8868		Cheminova (Disa Bio-Technologies CC)
Ornamentals; Flowers & Lawns	Aphids; Black moth	dimethoate	EC	400 g/l	Dimethoate	8455		Universal Crop Protection
Ornamentals; Flowers & Lawns	Aphids; Black moth	dimethoate	EC	400 g/l	Dimethoate EC	4507		Cropchem
Ornamentals; Flowers & Lawns	Aphids; Black moth	dimethoate	EC	400 g/l	Dimethoate EC	5367		Tsunami Plant Protection /ta Arysta LS
Ornamentals; Flowers & Lawns	Aphids; Black moth	dimethoate	EC	400 g/l	Dimethoate EC	7940		Makhro-Agro SA
Ornamentals; Flowers & Lawns	Aphids; Red spider mite	dimethoate	EC	400 g/l	Dimeto 40 EC	1042		Avima
Ornamentals; Flowers & Lawns	Aphids; Black moth	dimethoate	EC	400 g/l	Genoate EC	8195		Villa Crop Protection
Ornamentals; Flowers & Lawns	African bollworm	emamectin benzoate	WG	50 g/kg	Proclaim	7581		Syngenta SA
Ornamentals; Flowers & Lawns	Red spider mite	etoxazole	SC	100 g/l	Smite	6011		Philagro South Africa
Ornamentals; Flowers & Lawns	Aphids; Mealybug; Red spider mite; Thrips	fatty acids	SL	355 g/l	Fade	5995		Gouws and Scheepers (Nulandis)
Ornamentals; Flowers & Lawns	Nematodes	fenamiphos	CS	240 g/l	Nemacur 240 CS	7247		Villa Crop Protection
Ornamentals; Flowers & Lawns	Red spider mite	fenpropathrin	EC	200 g/l	Acathrin EC	7629		Meridian Agrochemical Co.
Ornamentals; Flowers & Lawns	Red spider mite	fenpropathrin	EC	200 g/l	Meothrin	6385		Philagro South Africa

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Ornamentals; Flowers & Lawns	Red spider mite	fenpropathrin	EW	100 g/l	Meothrin EW	8844		Philagro South Africa
Ornamentals; Flowers & Lawns	Mole crickets	fipronil	EC	25 g/l	Termidor 25 EC	6616		BASF South Africa
Ornamentals; Flowers & Lawns	Mole crickets	fipronil	EC	25 g/l	Ultrakill Termite Control	9002		Starplex 83 CC
Ornamentals; Flowers & Lawns	Mole crickets	fipronil	EC	25 g/l	Zero Mole Cricket	8577		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Northern harvester termite	fipronil	RB	0,18 g/kg	Zero Harvester Termite Bait	6073		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Nematodes	furfural	EC	800 g/l	Crop Guard 80	9253		Illovo Sugar Ltd
Ornamentals; Flowers & Lawns	Nematodes	furfural	EC	900 g/l	Crop Guard	6864		Illovo Sugar Ltd
Ornamentals; Flowers & Lawns	African bollworm; Aphids; Whitefly	garlic extract	SL	500 g/l	Garlic Repellent 930	7147		Kannar CC
Ornamentals; Flowers & Lawns	Weevils	Heterorhabditis bacteriophora	WP	5x10(7) ljs/sachet	Cryptonem	9251		River Bioscience
Ornamentals; Flowers & Lawns	Lawn caterpillar	imidacloprid	GR	0,5 g/kg	4:1:1 (24) + Insecticide	9117		Agro-Serve t/a Wonder
Ornamentals; Flowers & Lawns	Ants; Mole crickets	imidacloprid	GR	2,5 g/kg	Lawn Protector	8791		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Aphids; Mealybugs; Pernicious scale; Red scale; Soft brown scale; Thrips	imidacloprid	GR	7,5 g/kg	Insecticide Granules Plus	8768		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Aphids; Mealy bug; Pernicious scale; Red scale; Soft brown scale	imidacloprid	SC	20 g/l	Aphicide Plus	8780		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Ants; Aphids; Mole crickets; Northern harvester termite; Pernicious scale; Red scale; Soft brown scale	imidacloprid	SC	20 g/l	Plant Protector	8781		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Ants; Aphids; Mole crickets; Northern harvester termite	imidacloprid	SC	200 g/l	Merit 200 SC	8020		Bayer
Ornamentals; Flowers & Lawns	Aphids	imidacloprid	SC	350 g/l	Apache Gold 350 SC	9398		Castle Ag-Chem
Ornamentals; Flowers & Lawns	Aphids	imidacloprid	SC	350 g/l	Complete 350 SC	7959		Arysta Lifescience SA /Protek
Ornamentals; Flowers & Lawns	Aphids	imidacloprid	SC	350 g/l	Confidor 350 SC	5691		Bayer
Ornamentals; Flowers & Lawns	Aphids	imidacloprid	SC	350 g/l	Cyrus SC	9731		Meridian Agrochemical Co.
Ornamentals; Flowers & Lawns	Aphids	imidacloprid	SC	350 g/l	Imidacloprid 350 SC	8442		Sharda International Africa CC
Ornamentals; Flowers & Lawns	Aphids	imidacloprid	SC	350 g/l	Kohinor 350 SC	8447		Adama SA
Ornamentals; Flowers & Lawns	Aphids; Mole crickets	imidacloprid	SC	350 g/l	Koinor 350 SC	8562		Makhro-Agro SA
Ornamentals; Flowers & Lawns	Aphids	imidacloprid	SC	350 g/l	Provado 350 SC	7740		Bayer

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Ornamentals; Flowers & Lawns	Aphids	imidacloprid	SC	350 g/l	Punto 350 SC	8852		Anasac SA
Ornamentals; Flowers & Lawns	Aphids	imidacloprid	SC	350 g/l	Starbug	8008		Erintrade CC t/a R.T. Chemicals
Ornamentals; Flowers & Lawns	Aphids	imidacloprid	SC	350 g/l	Warrant 350 SC	7729		Cheminova
Ornamentals; Flowers & Lawns	Aphids	imidacloprid	WG	700 g/kg	Confidor 70 WG	7240		Bayer
Ornamentals; Flowers & Lawns	Aphids	imidacloprid	WG	700 g/kg	Warrant 70 WG	8454		Cheminova
Ornamentals; Flowers & Lawns	Aphids; Chafer beetles; Red spider mite; Spotted maize beetle	mercaptotion	DP	50 g/kg	Malathion DP	5966		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Aphids; Thrips	mercaptotion	DP	50 g/kg	Merkaptotion DP	4278		Avima
Ornamentals; Flowers & Lawns	Aphids; Astylus beetle; CMR beetle; Crickets; Fall armyworm; Grasshoppers; Lawn caterpillar; Mealy bug; Thrips	mercaptotion	EC	500 g/l	Avi Gard	216		Avima
Ornamentals; Flowers & Lawns	Aphids; CMR beetle; Mealy bug; Red scale; Red spider mite; Scale; Short-horned grasshopper; Soft brown scale; Thrips	mercaptotion	EC	500 g/l	Datathion 500 EC	828		Nulandis
Ornamentals; Flowers & Lawns	Aphids; Astylus beetle; Australian bug; CMR beetle; Crickets; Lawn caterpillar; Mealy bug; Soft brown scale; Red scale; Thrips	mercaptotion	EC	500 g/l	Malasol	1353		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Aphids; Astylus beetle; CMR beetles; Crickets; Grasshoppers; Lawn caterpillar; Mealybug; Thrips	mercaptotion	EC	500 g/l	Malathion	8317		Kombat
Ornamentals; Flowers & Lawns	Aphids; Astylus beetle; Australian bug; CMR beetles; Crickets; Lawn caterpillar; Mealy bug; Red scale; Soft brown scale; Thrips	mercaptotion	EC	500 g/l	Malathion 50% EC	4235		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Aphids; Australian bug; CMR beetles; Lawn caterpillar; Mealy bug; Red scale; Red spider mite; Scale; Snout beetles; Soft brown scale; Stinkbug; Thrips	mercaptotion	EC	500 g/l	Mercaptotion 500 EC	4394		Dow AgroSciences SA
Ornamentals; Flowers & Lawns	Aphids; Australian bug; Black maize beetle; CMR beetles; Crickets; Mealy bug; Red scale; Red spider mite; Short-horn grasshoppers; Soft brown scale; Spotted maize beetle; Thrips; Weevils	mercaptotion	EC	500 g/l	Mikka 500 EC	10211		Universal Crop Protection
Ornamentals; Flowers & Lawns	Aphids; Astylus beetle; Australian bug; Mealy bug; Red scale; Red spider mite; Scale; Soft brown scale; Snout beetle; Thrips	mercaptotion	WP	250 g/kg	Avi Merkaptotoks	3031		Avima
Ornamentals; Flowers & Lawns	Aphids; Thrips	mercaptotion/pyrethrins	DP	50/0,4 g/kg	Pythion 5% DP	2124		Avima
Ornamentals; Flowers & Lawns	Aphids; Carnation worm	methomyl	SL	200 g/l	Methomate 200 SL	8123		Villa Crop Protection
Ornamentals; Flowers & Lawns	Aphids; Carnation worm	methomyl	SL	200 g/l	Methomex 200 SL	5253		Adama SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Ornamentals; Flowers & Lawns	Aphids; Carnation worm	methomyl	SL	200 g/l	Methomyl 200 SL	7100		Universal Crop Protection
Ornamentals; Flowers & Lawns	Aphids; Carnation worm	methomyl	SL	200 g/l	Mylomex 200 SL	4367		Nulandis
Ornamentals; Flowers & Lawns	Aphids; Carnation worm	methomyl	SP	900 g/kg	Makhromex 900 SP	8140		Makhro-Agro SA
Ornamentals; Flowers & Lawns	Aphids; Carnation worm	methomyl	SP	900 g/kg	Methomex 900 SP	5254		Adama SA
Ornamentals; Flowers & Lawns	Aphids; Carnation worm	methomyl	SP	900 g/kg	Methomyl 90 SP	5931		Universal Crop Protection
Ornamentals; Flowers & Lawns	Aphids; Carnation worm	methomyl	SP	900 g/kg	Methomyl 90 SP	7189		Villa Crop Protection
Ornamentals; Flowers & Lawns	Aphids; Carnation worm	methomyl	SP	900 g/kg	Mylomex 900 SP	4783		Nulandis
Ornamentals; Flowers & Lawns	Lily borer	mevinphos	EC	150 g/l	Mevinfos EC	4315		Universal Crop Protection
Ornamentals; Flowers & Lawns	Lily borer	mevinphos	EC	240 g/l	Phosdrin 240 EC	7267		Universal Crop Protection
Ornamentals; Flowers & Lawns	Red spider mite	milbemectin	EC	10 g/l	Milbeknock 1% EC	6654		Sumitomo Corporation/Protek
Ornamentals; Flowers & Lawns	Aphids; Australian bug; Mealy bug; Pernicious scale; Red scale; Red spider mite; Soft brown scale	mineral oil (light medium)	EC	720 g/l	Oleum	3575		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	White grub	permethrin/pirimiphos-methyl	DP	4/16 g/kg	Super Guard Dust	8057		Avima
Ornamentals; Flowers & Lawns	Aphids	pirimicarb	AE	1 g/kg	Pirimor Aphid Killer	1200		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Aphids	pirimicarb	WG	500 g/kg	Apex 500 WDG	8475		Villa Crop Protection
Ornamentals; Flowers & Lawns	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Ornamentals; Flowers & Lawns	Aphids	pirimicarb	WG	500 g/kg	Unipex 500 WDG	8474		Universal Crop Protection
Ornamentals; Flowers & Lawns	Greyscale; Pernicious scale; Red scale	polysulphide sulphur	SL	320 g/l	Lime Sulphur	4230		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Pernicious scale	polysulphide sulphur	SL	320 g/l	Lime Sulphur	7686		Delta Chemicals
Ornamentals; Flowers & Lawns	Australian bug	potassium salts of fatty acids	EW	470 g/l	Neudosan	7063		Warren Chem
Ornamentals; Flowers & Lawns	Aphids; Whitefly	pymetrozine	WG	500 g/kg	Chess	8104	n/a	Syngenta SA
Ornamentals; Flowers & Lawns	Aphids; Whitefly	pymetrozine	WG	500 g/kg	Cranium 500 WDG	9968		Universal Crop Protection
Ornamentals; Flowers & Lawns	Aphids	pymetrozine	WG	500 g/kg	Trivia 500 WDG	9969		Villa Crop Protection
Ornamentals; Flowers & Lawns	White fly	pyriproxyfen	EC	50 g/l	Whitefly Insecticide	6371		Agro-Serve t/a Efekto

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Ornamentals; Flowers & Lawns	Cutworms	sodium fluosilicate	RB	100 g/kg	Cutworm Bait	22		Kombat
Ornamentals; Flowers & Lawns	Lawn caterpillar; Western flower thrips	spinosad	SC	120 g/l	Eco Insect Control	7232		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Lawn caterpillar; Western flower thrips	spinosad	SC	480 g/l	Tracer 480 SC	6557		Dow AgroSciences SA
Ornamentals; Flowers & Lawns	Lawn caterpillar; Western flower thrips	spinosad	WP	800 g/kg	Entrust Naturalyte 800 WP	7389		Dow AgroSciences SA
Ornamentals; Flowers & Lawns	Thrips	sulfur	DP	980 g/kg	Ag-Chem Dusting Sulphur	7379		Ag-Chem Africa
Ornamentals; Flowers & Lawns	Thrips	sulfur	DP	980 g/kg	Dusting Sulphur	5261		Universal Crop Protection
Ornamentals; Flowers & Lawns	Thrips	sulfur	DP	980 g/kg	Dusting Sulphur	9127		Orchard Agrikem
Ornamentals; Flowers & Lawns	Red spider mite; Thrips	sulfur	SC	700 g/l	Flowable Sulphur	142		Applied Chemical Products (Nulandis)
Ornamentals; Flowers & Lawns	Red spider mite; Thrips	sulfur	SC	800 g/l	Eco Fungimite	8756		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Red spider mite; Thrips	sulfur	SC	800 g/l	Sulfomaxx	9941		Ag-Chem Africa
Ornamentals; Flowers & Lawns	Red spider mite; Thrips	sulfur	SC	800 g/l	SulfoStar	6982		Ag-Chem Africa
Ornamentals; Flowers & Lawns	Red spider mite; Thrips	sulfur	WG	800 g/kg	Cosavet	6355		Sulphur Chemical Mills
Ornamentals; Flowers & Lawns	Pernicious scale; Red spider mite; Thrips	sulfur	WG	800 g/kg	Kumulus WG	2404		BASF South Africa
Ornamentals; Flowers & Lawns	Red spider mite; Thrips	sulfur	WG	800 g/kg	Microthiol Special	5329		Total South Africa
Ornamentals; Flowers & Lawns	Red spider mite; Thrips	sulfur	WG	800 g/kg	Striker	6628		Chempac
Ornamentals; Flowers & Lawns	Red spider mite; Thrips	sulfur	WG	800 g/kg	Sulgran	5727		Sunwood Chemicals
Ornamentals; Flowers & Lawns	Red spider mite; Thrips	sulfur	WP	800 g/kg	Wettable Sulphur	6933		Sunwood Chemicals
Ornamentals; Flowers & Lawns	Red spider mite	tetradifon	EC	81 g/l	Redspidercide	4220		Agro-Serve t/a Efekto
Ornamentals; Flowers & Lawns	Red spider mite	tetradifon	EC	81 g/l	Tedion EC	926		Avima
Ornamentals; Flowers & Lawns	Aphids; Mealybug; Scale	thiamethoxam	SC	240 g/l	Actara SC	7207	n/a	Syngenta SA
Ornamentals; Flowers & Lawns	Aphids	thiamethoxam	WG	250 g/kg	Aphid Free	8978		Kombat
Ornamentals; Flowers & Lawns	Aphids; Mole cricket; White grub	thiamethoxam	WG	250 g/kg	Meridian	7824		Syngenta SA /Protek
Ornamentals; Flowers & Lawns	Carnation worm; Lawn Caterpillar	trichlorfon	SP	950 g/kg	Trichlorfon 950 SP	6566		Almond Agro Chemicals (Pty Ltd
Ornamentals; Flowers & Lawns	Carnation worm; Lawn caterpillar	trichlorfon	SP	950 g/kg	Trichlorfon 950 SP	6686		Tsunami Plant Protection /ta Arysta LS

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Ornamentals; Flowers & Lawns	Pine emperor moth	zeta-cypermethrin	EW	100 g/l	Fury 10 EW	6696		FMC
Papaya	Red spider mite; White fly	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Papaya	Nematodes	fenamiphos	GR	100 g/kg	Nemacur 10 GR	2056		Villa Crop Protection
Papaya	Aphids	mercaptotion	EC	500 g/l	Avi Gard	216		Avima
Papaya	Aphids; Fruit fly	mercaptotion	EC	500 g/l	Datathion 500 EC	828		Nulandis
Papaya	Aphids	mercaptotion	EC	500 g/l	Kombat Garden Insects	4469		Kombat
Papaya	Aphids	mercaptotion	EC	500 g/l	Malasol	1353		Agro-Serve t/a Efekto
Papaya	Aphids	mercaptotion	EC	500 g/l	Malathion	8317		Kombat
Papaya	Aphids	mercaptotion	EC	500 g/l	Malathion 50% EC	4235		Agro-Serve t/a Efekto
Papaya	Aphids	mercaptotion	EC	500 g/l	Mercaptotion 500 EC	4394		Dow AgroSciences SA
Papaya	Aphids	mercaptotion	WP	250 g/kg	Avi Merkaptotoks	3031		Avima
Papaya	Nematodes	Paecilomyces lilacinus	WP	4 x 10(9) spores/g	PL Gold	7698		Biological Control Products SA
Papaya	Nematodes	Paecilomyces lilacinus strain 251	WP	4x10(9) live spores/g	PL251	5976		Biological Control Products SA
Papaya	Mealybugs; Thrips; Whitefly	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Paprika	African bollworm	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Paprika	African bollworm	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Paprika	African bollworm	deltamethrin	EC	25 g/l	Delta-Thrin 25 EC	7263		Universal Crop Protection
Paprika	African bollworm	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Paprika	African bollworm	deltamethrin	EC	25 g/l	Servus	7271		Adama SA
Paprika	Nematodes	furfural	EC	800 g/l	Crop Guard 80	9253		Illovo Sugar Ltd
Paprika	Nematodes	furfural	EC	900 g/l	Crop Guard	6864		Illovo Sugar Ltd
Parsley	Carmine spider mite; Leafminers; Red spider mite	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Parsley	Aphids; Whitefly	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Parsley	Aphids; Leafhoppers; Whitefly	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Pastures	Army worm	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Pastures	Army worm	chlorpyrifos	EC	480 g/l	Agropyrifos 480 EC	4888		Arysta Lifescience SA
Pastures	Army worm	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6272		Arysta Lifescience SA
Pastures	Army worm	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6350		Universal Crop Protection
Pastures	Army worm	chlorpyrifos	EC	480 g/l	Dursban 480 EC	5225		Dow AgroSciences SA
Pastures	Army worm	chlorpyrifos	EC	480 g/l	Lirifos 480 EC	4883		Gouws & Scheepers (Nulandis)
Pastures	Army worm	chlorpyrifos	EC	480 g/l	Makthrofos 480 EC	7973		Makthro-Agro SA
Pastures	Army worm	chlorpyrifos	EC	480 g/l	Rochlop 480 EC	5905		Rotam RSA
Pastures	Army worm	chlorpyrifos	WG	750 g/kg	Dursban 750 WG	6589	14 days	Dow AgroSciences SA
Pastures	Earth flea; Black sand mite	omethoate	SL	800 g/l	Folimat 800 SL	2316		Arysta Lifescience SA
Peaches	European red mite; Red spider mite	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Peaches	Red spider mite	abamectin	SL	4 g/l	Epicure SL	8662	5 days	Gouws & Scheepers (Plaaskem)

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Peaches	African bollworm; Antestia bug; Aphids; Codling moth; Fruit nibbler; Weevil	acephate	SP	750 g/kg	Ace 750 SP	4175		Nulandis
Peaches	African bollworm; Antestia bug; Aphids; Codling moth; Fruit nibbler; Weevil	acephate	SP	750 g/kg	Acephate 750 SP	6473		Universal Crop Protection
Peaches	African bollworm; Antestia bug; Aphids; Codling moth; Fruit nibbler; Leafroller; Weevil	acephate	SP	750 g/kg	Acephate 750 SP	7181		Villa Crop Protection
Peaches	African bollworm; Antestia bug; Aphids; Codling moth; Weevil	acephate	SP	750 g/kg	Bitrad Acephate	7013		Bitrad Consulting
Peaches	African bollworm; Antestia bug; Aphids; Codling moth; Fruit nibbler; Leafroller; Weevil	acephate	SP	750 g/kg	Gremlin 75 SP	8130		Volcano Agrosiences
Peaches	African bollworm; Antestia bug; Aphids; Codling moth; Fruit nibbler; Leafroller; Weevil	acephate	SP	750 g/kg	Orthene	190		Volcano Agrosience /ta Arysta LS
Peaches	African bollworm; Antestia bug; Aphids; Banded fruit weevil; Codling moth	acephate	SP	750 g/kg	Racet 750 SP	5607		Rotam RSA
Peaches	Aphids	acetamiprid	SL	25 g/l	Doublestar 25 SL	8884	28 days	Nulandis
Peaches	African bollworm; Codling moth; False codling moth; Fruitfly; Weevil	alpha-cypermethrin	EC	100 g/l	Fastac EC	4991		BASF South Africa
Peaches	African bollworm; Codling moth; False codling moth; Fruit flies; Weevils	alpha-cypermethrin	EC	100 g/l	Magnum Super EC	6679		Technichem
Peaches	African bollworm; Codling moth; False codling moth; Fruit flies; Weevil	alpha-cypermethrin	EC	100 g/l	Sentry EC	7966		Volcano Agrosience /ta Arysta LS
Peaches	African bollworm; Codling moth; False codling moth; Fruit flies; Weevils	alpha-cypermethrin	SC	100 g/l	Alpha-thrin 100 SC	7425		Villa Crop Protection
Peaches	African bollworm; Codling moth; False codling moth; Fruit flies; Weevils	alpha-cypermethrin	SC	100 g/l	Avalanche	6807		Klub M5
Peaches	African bollworm; Codling moth; False codling moth; Fruit flies; Weevil	alpha-cypermethrin	SC	100 g/l	Fastac SC	4992		BASF South Africa
Peaches	African bollworm; Banded fruit weevil; Codling moth; False codling moth; Fruit flies	alpha-cypermethrin	SC	100 g/l	Magnum Super SC	7816		Technichem Crop Protection
Peaches	African bollworm; Codling moth; False codling moth; Fruit flies; Weevils	alpha-cypermethrin	SC	100 g/l	Polytrin Super 100 SC	7262		Universal Crop Protection
Peaches	African bollworm; Aphids; Codling moth; European red mite; Fruit fly; Red mite; Weevil	azadirachtin	EC	1,5 g/l	Bioneem	6958		Biogrow Chemicals
Peaches	Bryobia mite; Codling moth; False codling moth; Oriental fruit moth	azinphos-methyl	SC	200 g/l	Azinphos 200 SC	5588		Adama SA
Peaches	Bryobia mite; Codling moth; False codling moth; Oriental fruit moth	azinphos-methyl	WP	350 g/kg	Azinphos 350 WP	4851		Adama SA
Peaches	African bollworm; Codling moth; False codling moth	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Peaches	African bollworm	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Peaches	False codling moth; Red spider mite	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Peaches	African bollworm; Codling moth; False codling moth; Fruit flies; Weevils	beta-cypermethrin	EC	100 g/l	Akito	6709		Cropserve/Arysta Lifescience SA
Peaches	Nematodes	cadusafos	EW	100 g/l	Hockey 100 EW	9123		Universal Crop Protection
Peaches	Nematodes	cadusafos	EW	100 g/l	Rugby 10 ME	6368		FMC
Peaches	Nematodes	cadusafos	EW	100 g/l	Soccer 10 EW	9122		Villa Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Peaches	Nematodes	cadusafos	GR	100 g/kg	Rugby 10 G	4110		FMC SA
Peaches	African bollworm; Antestia bug; Codling moth; False codling moth; Fruit piercing moths; Fruitflies; Leafrollers; Stink bugs; Thrips	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Peaches	Banded fruit weevil; Thrips	chlorfenapyr	SC	240 g/l	Hunter 24 SC	8307		BASF South Africa
Peaches	Codling moth; False codling moth; Thrips; Weevil	chlorfenapyr	SC	360 g/l	Saber 360 SC	8534		Universal Crop Protection
Peaches	Codling moth; False codling moth; Thrips; Weevil	chlorfenapyr	SC	360 g/l	Savage 360 SC	8533		Villa Crop Protection
Peaches	Nematodes	chloropicrin	AL	1656 g/l	Tripicrin	8306		Nippon Africa Chemicals
Peaches	Pernicious scale; Red scale	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Peaches	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Agropyrifos 480 EC	4888		Arysta Lifescience SA
Peaches	Aphids; Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Avi-Klorpirifos	4318	30 days	Avima
Peaches	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	5417		Makhteshim-Agan SA
Peaches	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6272		Arysta Lifescience SA
Peaches	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6350		Universal Crop Protection
Peaches	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	7183		Villa Crop Protection
Peaches	Pernicious scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos EC	5867		Cropchem
Peaches	Pernicious scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos	10017		Meridian Agrochemical Co.
Peaches	Pernicious scale	chlorpyrifos	EC	480 g/l	Dursban 480 EC	5225		Dow AgroSciences SA
Peaches	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Lirifos 480 EC	4883		Gouws & Scheepers (Nulandis)
Peaches	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Makrofos 480 EC	7973		Makro-Agro SA
Peaches	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Pyrifos 480 EC	6397		Applied Agricultural Products (Nulandis)
Peaches	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Pyrinex 480 EC	4673		Adama SA
Peaches	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Rochlop 480 EC	5905		Rotam RSA
Peaches	African bollworm; Aphids; Mealy bug; Pernicious scale; Red spider mite	chlorpyrifos	WG	750 g/kg	Dursban 750 WG	6589	30 days	Dow AgroSciences SA
Peaches	False codling moth	cryptophlebia leucotreta granulovirus	SC	5x10 (10) OBs (occlusion bodies)/ml	Cryptogran	7598		River Bioscience
Peaches	Codling moth; Oriental fruit moth	Cydia pomonella granulosus virus	SC	3x10(10)	Madex Twin	9781		Madumbi Sustainable Agriculture
Peaches	European red mite; Red spider mite	cyhexatin	SC	600 g/l	Acarstin Flo	4165		Sipcam South Africa
Peaches	European red mite; Red spider mite	cyhexatin	SC	600g/l	Tirran FA	5481		Viking Distribuors
Peaches	African bollworm; Codling moth; False codling moth; Fruitflies; Weevils	cypermethrin	EC	20 g/l	Fruitfly	3343		Kombat
Peaches	African bollworm; Codling moth; False codling moth; Fruit flies; Weevil	cypermethrin	EC	20 g/l	Garfen Ripcord	3666		Agro-Serve t/a Efekto
Peaches	African bollworm; Codling moth; Fruit fly; Weevils	cypermethrin	EC	200 g/l	Avi-Sipermetrin EC	3980		Avima
Peaches	African bollworm; Codling moth; False codling moth; Fruit flies; Weevils	cypermethrin	EC	200 g/l	Bitrad Cypermethrin	7014		Bitrad Consulting
Peaches	African bollworm; Codling moth; False codling moth; Fruit flies; Weevils	cypermethrin	EC	200 g/l	Chanrai Cypermethrin 200 EC	8843		Chanrai SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Peaches	African bollworm; Codling moth; False codling moth; Fruit flies; Weevils	cypermethrin	EC	200 g/l	Cyperin 200 EC	5321		Nulandis
Peaches	African bollworm; Codling moth; False codling moth; Fruit flies; Weevils	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4069		Agro-Serve t/a Efekto
Peaches	African bollworm; Codling moth; False codling moth; Fruit flies; Weevils	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4644		Universal Crop Protection
Peaches	African bollworm; Codling moth; False codling moth; Fruit fly	cypermethrin	EC	200 g/l	Doodskoot EC	3285		WPK Landbou
Peaches	African bollworm; Codling moth; False codling moth; Fruit flies; Weevils	cypermethrin	EC	200 g/l	Farmag Cypermethrin	3207		Castle Ag-Chem
Peaches	African bollworm; Codling moth; False codling moth; Fruitfly; Weevil	cypermethrin	EC	200 g/l	Kemprin 200 EC	3145		Arysta Lifescience SA /Protek
Peaches	African bollworm; Codling moth; False codling moth; Fruit flies	cypermethrin	EC	200 g/l	Knox Worm	7176		Arysta LS/Protek
Peaches	African bollworm; Codling moth; False codling moth; Fruit flies; Weevils	cypermethrin	EC	200 g/l	Polytrin 200 EC	5409		Villa Crop Protection
Peaches	African bollworm; Codling moth; False codling moth; Fruit flies; Weevils	cypermethrin	EC	200 g/l	Sipermetrien	4889		Arysta Lifescience SA /Protek
Peaches	Fruit fly	cypermethrin/tetrachlorvinphos/piperonyl butoxide	SL	2/20/10 g/l	Spray-Kill for Fruit fly	4288		Effecticide
Peaches	African bollworm; Weevil	deltamethrin	AL	60 mg/l	Servus RTU	8420		Makhro-Agro SA
Peaches	African bollworm; Weevils	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Peaches	African bollworm; Weevils	deltamethrin	EC	25 g/l	Ag-Deltamethrin 25 EC	8492		Ag-Chem Africa
Peaches	African bollworm; Weevils	deltamethrin	EC	25 g/l	Delta-Thrin 25 EC	7263		Universal Crop Protection
Peaches	African bollworm; Weevils	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Peaches	African bollworm; Weevils	deltamethrin	EC	25 g/l	Servus	7271		Adama SA
Peaches	Aphids; Bryobia mite	demeton-S-methyl	EC	250 g/l	Demeton EC	4852		Universal Crop Protection
Peaches	Aphids; Bryobia mite	demeton-S-methyl	EC	250 g/l	Demeton-S-Methyl	4508		Cropchem
Peaches	Aphids; Bryobia mite	demeton-S-methyl	EC	250 g/l	Demetox EC	2057		Avima
Peaches	Aphids; Bryobia mite; Red spider mite	diazinon	EC	275 g/l	Diazinon	4550		Gulf Chemicals t/a Arysta Lifescience SA
Peaches	Aphids; Bryobia mite; Red spider mite	diazinon	EC	275 g/l	Diazinon 275 EC	4941		Avima
Peaches	Aphids; Bryobia mite	dimethoate	EC	400 g/l	Aphicide	528		Agro-Serve t/a Efekto
Peaches	Aphids; Bryobia mite; Fruitfly	dimethoate	EC	400 g/l	Butcher	6313		Klub M5
Peaches	Aphids; Bryobia mite	dimethoate	EC	400 g/l	Danadim Progress	8868		Cheminova (Disa Bio-Technologies CC)
Peaches	Aphids; Bryobia mite; Fruit fly; Woolly aphid	dimethoate	EC	400 g/l	Dimethoate	4823		Wenkem
Peaches	Aphids; Bryobia mite; Fruit fly; Woolly aphid	dimethoate	EC	400 g/l	Dimethoate	7059		Volcano Agrosociences
Peaches	Aphids; Bryobia mite; Fruit fly; Woolly aphid	dimethoate	EC	400 g/l	Dimethoate	8455		Universal Crop Protection
Peaches	Aphids; Bryobia mite	dimethoate	EC	400 g/l	Dimethoate 400 EC	10088	28 days	Bitrad Kaap
Peaches	Aphids; Bryobia mite; Fruit fly; Woolly aphid	dimethoate	EC	400 g/l	Dimethoate EC	4507		Cropchem
Peaches	Aphids; Bryobia mite; Fruit fly; Woolly aphid	dimethoate	EC	400 g/l	Dimethoate EC	5367		Tsunami Plant Protection /ta Arysta LS

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Peaches	Aphids; Bryobia mite; Fruit fly; Woolly aphid	dimethoate	EC	400 g/l	Dimethoate EC	7940		Makhro-Agro SA
Peaches	Aphids	dimethoate	EC	400 g/l	Dimeto 40 EC	1042		Avima
Peaches	Aphids; Bryobia mite; Fruit fly	dimethoate	EC	400 g/l	Genoate EC	8195		Villa Crop Protection
Peaches	False codling moth	dodeceny acetate E8/dodeceny acetate Z8	VP	15/15 g/kg	RB Splat FCM	10259		River Bioscience
Peaches	Nematodes	fenamiphos	EC	400 g/l	Atador	7167		Erintrade CC t/a R.T. Chemicals
Peaches	Nematodes	fenamiphos	EC	400 g/l	Fenamiphos 400 EC	7647		Universal Crop Protection
Peaches	Nematodes	fenamiphos	EC	400 g/l	Spitfire 400 EC	7646		Villa Crop Protection
Peaches	Red spider mite	fenbutatin oxide	SC	550 g/l	Crystal 550 SC	9050		Villa Crop Protection
Peaches	Red spider mite	fenbutatin oxide	SC	550 g/l	Mitador	6953		RT Chemicals
Peaches	Red spider mite	fenbutatin oxide	SC	550 g/l	Roper 550 SC	9049		Universal Crop Protection
Peaches	Red spider mite	fenbutatin oxide	SC	550 g/l	Torque SC	4929		BASF South Africa
Peaches	Bryobia mite; Fruit fly	fenthion	EC	500 g/l	Fenthion 500	6430		RT Chemicals
Peaches	Bryobia mite; Fruit fly	fenthion	EC	500 g/l	Fruitcare	9204		Starplex 83 CC
Peaches	Bryobia mite; Fruit fly	fenthion	EC	500 g/l	Grab 500 EC	5616		Gouws & Scheepers (Nulandis)
Peaches	Bryobia mite; Fruit fly	fenthion	EC	500 g/l	Lebaycid 500 EC	1270		Bayer
Peaches	Thrips	formetanate	SP	500 g/kg	Dicarzol	8082		Klub M5
Peaches	African bollworm; Weevil	gamma-cyhalothrin	CS	60 g/l	Vantex 60 CS	7227		Cheminova (Disa Bio-Technologies CC)
Peaches	African bollworm; Oriental fruit moth; Weevil	indoxacarb	EC	150 g/l	Steward 150 EC	8435	28 days	Du Pont de Nemours Int SA
Peaches	African bollworm	indoxacarb	SC	300 g/l	Doxstar Flo	9884	28 days	Meridian Agrochemical Co.
Peaches	Weevil	indoxacarb	WG	300 g/kg	Margin 300 WDG	9009		Villa Crop Protection
Peaches	Weevil	indoxacarb	WG	300 g/kg	Session 300 WDG	9010		Universal Crop Protection
Peaches	African bollworm; Oriental fruit moth; Weevils	indoxacarb	WG	300 g/kg	Steward	6332	28 days	Du Pont de Nemours Int SA
Peaches	African bollworm; Weevils	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Peaches	African bollworm	lambda-cyhalothrin	CS	50 g/l	Karis 5 CS	9267		GAT Microencapsulation SA
Peaches	African bollworm	lambda-cyhalothrin	EC	50 g/l	Cylam 50 EC	8261		Gouws & Scheepers
Peaches	African bollworm; Weevil	lambda-cyhalothrin	EC	50 g/l	Judo 50 EC	7785		Villa Crop Protection
Peaches	African bollworm; Weevils	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Peaches	African bollworm	lambda-cyhalothrin	EC	50 g/l	Lambda 50 EC	7787		Universal Crop Protection
Peaches	African bollworm; Weevil	lambda-cyhalothrin	EC	50 g/l	Lambda EC	8546		Arysta Lifescience SA
Peaches	African bollworm; Weevils	lambda-cyhalothrin	EC	50 g/l	Makhrolam 5 EC	8141		Makhro-Agro SA
Peaches	African bollworm; Banded fruit weevil	lambda-cyhalothrin	EC	50 g/l	Shamda 50 EC	10258		Sharda International Africa CC
Peaches	African bollworm; Weevil	lambda-cyhalothrin	EC	50g/l	Lamdex 5 EC	7578		Adama SA
Peaches	Aphids	mercaptotion	DP	50 g/kg	Malathion DP	5966		Agro-Serve t/a Efekto

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Peaches	Aphids	mercaptothion	DP	50 g/kg	Merkaptothion DP	4278		Avima
Peaches	Aphids	mercaptothion	EC	500 g/l	Avi Gard	216		Avima
Peaches	Aphids; Bryobia mite; Fruit fly; Mealy bug	mercaptothion	EC	500 g/l	Datathion 500 EC	828		Nulandis
Peaches	Aphids	mercaptothion	EC	500 g/l	Kombat Garden Insects	4469		Kombat
Peaches	Aphids; Bryobia mite	mercaptothion	EC	500 g/l	Malasol	1353		Agro-Serve t/a Efekto
Peaches	Aphids	mercaptothion	EC	500 g/l	Malathion	8317		Kombat
Peaches	Aphids; Bryobia mite	mercaptothion	EC	500 g/l	Malathion 50% EC	4235		Agro-Serve t/a Efekto
Peaches	Aphids; Bryobia mite; Mealy bug	mercaptothion	EC	500 g/l	Mercaptothion 500 EC	4394		Dow AgroSciences SA
Peaches	Aphids; Bryobia mite; Mealy bug	mercaptothion	EW	440 g/l	Fyfanon 440 EW	9484		Cheminova
Peaches	Bryobia mite; Mealy bug	mercaptothion	WP	250 g/kg	Avi Merkaptotoks	3031		Avima
Peaches	Aphids	mercaptothion/pyrethrins	DP	50/0,4 g/kg	Pythion 5% DP	2124		Avima
Peaches	Aphids	methamidophos	SL	585 g/l	Bitrad Methamidophos	7015		Bitrad Consulting
Peaches	Aphids	methamidophos	SL	585 g/l	Metamidofos	4531		Tsunami Plant Protection /ta Arysta LS
Peaches	Aphids	methamidophos	SL	585 g/l	Metamidofos 585 SL	4286		Universal Crop Protection
Peaches	Aphids	methamidophos	SL	585 g/l	Methamidofos 585 SL	4405		Avima
Peaches	Aphids	methamidophos	SL	585 g/l	Methaphos	4085		Kynoch Agrochemicals (Applied)
Peaches	Aphids	methamidophos	SL	585 g/l	Tamron 585 SL	8251		Villa Crop Protection
Peaches	Aphids	methamidophos	SL	585 g/l	Thamido	4646		Gouws & Scheepers (Plaaskem)
Peaches	Pernicious scale	methidathion	EC	420 g/l	Arythion 420 EC	9388		Arysta Lifescience SA
Peaches	Pernicious scale	methidathion	EC	420 g/l	Methidathion 420 EC	7583		Universal Crop Protection
Peaches	Pernicious scale	methidathion	EC	420 g/l	Methidathion 420 EC	7584		Villa Crop Protection
Peaches	Pernicious scale	methidathion	EC	420 g/l	Suprathion 420 EC	5439		Adama SA
Peaches	Bryobia mite; Grey scale; Mealy bug; Pernicious scale; Red scale; White peach scale	methidathion	WP	200 g/kg	Suprathion 200 WP	6334		Makhteshim-Agan SA
Peaches	False codling moth	methomyl	SL	200 g/l	Methomate 200 SL	8123		Villa Crop Protection
Peaches	False codling moth	methomyl	SL	200 g/l	Methomex 200 SL	5253		Adama SA
Peaches	False codling moth	methomyl	SL	200 g/l	Methomyl 200 SL	7100		Universal Crop Protection
Peaches	False codling moth	methomyl	SL	200 g/l	Mylomex 200 SL	4367		Nulandis
Peaches	False codling moth	methomyl	SP	900 g/kg	Ciplamyl 90 SP	3436		Cipla Agricare
Peaches	False codling moth	methomyl	SP	900 g/kg	Kuik 900 SP	5602		Rotam RSA
Peaches	False codling moth	methomyl	SP	900 g/kg	Lannate 900 SP	2011		Du Pont de Nemours
Peaches	False codling moth	methomyl	SP	900 g/kg	Makhromex 900 SP	8140		Makhro-Agro SA
Peaches	False codling moth	methomyl	SP	900 g/kg	Masta 900 SP	9449		Arysta Lifescience SA
Peaches	False codling moth	methomyl	SP	900 g/kg	Methomex 900 SP	5254		Adama SA
Peaches	False codling moth	methomyl	SP	900 g/kg	Methomyl 100 SP	6873		Tsunami Plant Protection
Peaches	False codling moth	methomyl	SP	900 g/kg	Methomyl 90 SP	5931		Universal Crop Protection
Peaches	False codling moth	methomyl	SP	900 g/kg	Methomyl 90 SP	7189		Villa Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Peaches	False codling moth	methomyl	SP	900 g/kg	Mylomex 900 SP	4783		Nulandis
Peaches	False codling moth	methomyl	SP	900 g/kg	Spitfire 900 SP	8197	16 days	Bitrad Consulting
Peaches	Oriental fruit moth	novaluron	EC	100 g/l	Rimon 10 EC	6285		Adama SA
Peaches	Nematodes	oxamyl	SL	310 g/l	Vydate SL	5057		Du Pont de Nemours Int SA
Peaches	Aphids	pirimicarb	AE	1 g/kg	Pirimor Aphid Killer	1200		Agro-Serve t/a Efekto
Peaches	Aphids	pirimicarb	WG	500 g/kg	Apex 500 WDG	8475		Villa Crop Protection
Peaches	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Peaches	Aphids	pirimicarb	WG	500 g/kg	Unipex 500 WDG	8474		Universal Crop Protection
Peaches	Pernicious scale	polysulphide sulphur	SL	320 g/l	Ciplapol S 320	6429		Cipla Agricare
Peaches	Greyscale; Pernicious scale; Red scale	polysulphide sulphur	SL	320 g/l	Lime Sulphur	4230		Agro-Serve t/a Efekto
Peaches	Pernicious scale	polysulphide sulphur	SL	320 g/l	Lime Sulphur	7686		Delta Chemicals
Peaches	European red mite; Red spider mite	propargite	EC	590 g/l	Omite EC	1796		Crompton Chemical
Peaches	European red mite; Red spider mite	propargite	WP	300 g/kg	Omite 30 SP	1578		Chemtura
Peaches	Greyscale; Mealybug; Pernicious scale	prothiophos	EC	960 g/l	Tokuthion 960 EC	924		Volcano Agrosience /ta Arysta LS
Peaches	Aphids	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Peaches	African bollworm; False codling moth; Oriental fruit moth; Thrips	spinetoram	WG	250 g/l	Delegate 250 WG	8392		Dow AgroSciences SA
Peaches	African bollworm; Thrips	spinosad	SC	480 g/l	Tracer 480 SC	6557		Dow AgroSciences SA
Peaches	African bollworm; Thrips	spinosad	WP	800 g/kg	Entrust Naturalyte 800 WP	7389		Dow AgroSciences SA
Peaches	Aphids; Pernicious scale	sulfoxaflo	SC	240 g/l	Closer 240 SC	9694	14	Dow AgroSciences SA
Peaches	Rust	sulfur	SC	800 g/l	Sulfomaxx	9941		Ag-Chem Africa
Peaches	Aphids	tau-fluvalinate	EW	240 g/l	Klartan 240 EW	5096		Adama SA
Peaches	Red spider mite	tetradiion	EC	81 g/l	Tedion V-18 EC	5482		Crompton Chemical
Peaches	Red spider mite	tetradiion	EC	81 g/l	Redspidercide	4220		Agro-Serve t/a Efekto
Peaches	Red spider mite	tetradiion	EC	81 g/l	Tedion EC	926		Avima
Peaches	Red spider mite	tetradiion	EC	81 g/l	Tedion V-18	3236		Applied Agricultural Products (Plaaskem)
Peaches	Oriental fruit moth	thiacloprid	SC	480 g/l	Alanto	8389		Bayer
Peaches	Oriental fruit moth	thiacloprid	SC	480 g/l	Calypso 480 SC	6763		Bayer
Peaches	Oriental fruit moth	thiacloprid	SC	480 g/l	Compare 480 SC	9121		Universal Crop Protection
Peaches	Oriental fruit moth	thiacloprid	SC	480 g/l	Consult 480 SC	9120		Villa Crop Protection
Peaches	Aphids; Thrips	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Peaches	African bollworm; Codling moth; False codling moth; Fruitfly; Weevil	zeta-cypermethrin	EW	100 g/l	Fury 10 EW	6696		FMC
Peaches (including nectarines)	African bollworm; False codling moth; Oriental fruit moth	chlorantraniliprole	WG	350 g/kg	Altacor	8467	14 days	Du Pont de Nemours Int SA
Peas	Leafminers; Red spider mite; Thrips	abamectin	SC	84 g/l	Agriemec Gold	9235		Syngenta SA
Peas	African bollworm; Cutworm; Lesser army worm	alpha-cypermethrin	EC	100 g/l	Fastac EC	4991		BASF South Africa
Peas	African bollworm; Lesser army worm	alpha-cypermethrin	EC	100 g/l	Sentry EC	7966		Volcano Agrosience /ta Arysta LS

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Peas	African bollworm; Lesser army worm	alpha-cypermethrin	SC	100 g/l	Alpha-thrin 100 SC	7425		Villa Crop Protection
Peas	African bollworm; Lesser army worm	alpha-cypermethrin	SC	100 g/l	Avalanche	6807		Klub M5
Peas	African bollworm; Lesser army worm	alpha-cypermethrin	SC	100 g/l	Fastac SC	4992		BASF South Africa
Peas	African bollworm; Cutworm; Lesser army worm	alpha-cypermethrin	SC	100 g/l	Magnum Super SC	7816		Technichem Crop Protection
Peas	African bollworm; Lesser army worm	alpha-cypermethrin	SC	100 g/l	Polytrin Super 100 SC	7262		Universal Crop Protection
Peas	African bollworm	Bacillus thuringiensis var aizawai	WG	15 000 IU/mg	Florbac WG	5531		Valent BioSciences
Peas	African bollworm	Bacillus thuringiensis var kurstaki	WG	32 000 IU/mg	Kirshoffs Margaret Roberts Dipel Biological Gate	7112		Ball Straathof
Peas	African bollworm	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Peas	Red spider mite; Thrips; White fly	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Peas	African bollworm; Lesser army worm	beta-cyfluthrin	SC	125 g/l	Bulldock Beta 125 SC	7612		Bayer
Peas	African bollworm; Lesser army worm	beta-cypermethrin	EC	100 g/l	Akito	6709		Cropserve/Arysta Lifescience SA
Peas	Potato leafminer	cartap hydrochloride	SP	500 g/kg	Cartap	8497		Tsunami Plant Protection /ta Arysta LS
Peas	Potato leafminer	cartap hydrochloride	SP	500 g/kg	Gibsan 500 SP	7018	3 days	Nulandis
Peas	Potato leafminer	cartap hydrochloride	SP	500 g/kg	Suntap 500 SP	5760		Plaaskem (Gouws & Scheepers)
Peas	African bollworm; Armyworms; Cutworms; Leafminers; Pumpkin fly; Semi-looper; Stink bugs; Thrips; Tomato moth; White fly	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Peas	African bollworm	cypermethrin	EC	20 g/l	Fruitfly	3343		Kombat
Peas	African bollworm; Stalkborer	cypermethrin	EC	20 g/l	Garden Ripcord	3666		Agro-Serve t/a Efekto
Peas	African bollworm; Army worm	cypermethrin	EC	200 g/l	Avi-Sipermetrin EC	3980		Avima
Peas	African bollworm; Lesser army worm	cypermethrin	EC	200 g/l	Bitrad Cypermethrin	7014		Bitrad Consulting
Peas	African bollworm	cypermethrin	EC	200 g/l	Chanrai Cypermethrin 200 EC	8843		Chanrai SA
Peas	African bollworm; Lesser army worm	cypermethrin	EC	200 g/l	Cyperin 200 EC	5321		Nulandis
Peas	African bollworm; Lesser army worm	cypermethrin	EC	200 g/l	Cypermethrin	7851		Arysta Lifescience SA
Peas	African bollworm; Lesser army worm	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4069		Agro-Serve t/a Efekto
Peas	African bollworm; Lesser army worm	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4644		Universal Crop Protection
Peas	African bollworm; Lesser army worm	cypermethrin	EC	200 g/l	Doodskoot EC	3285		WPK Landbou
Peas	African bollworm; Lesser army worm	cypermethrin	EC	200 g/l	Farmag Cypermethrin	3207		Castle Ag-Chem
Peas	African bollworm; Lesser army worm	cypermethrin	EC	200 g/l	Kemprin 200 EC	3145		Arysta Lifescience SA /Protek
Peas	African bollworm; Lesser army worm	cypermethrin	EC	200 g/l	Knox Worm	7176		Arysta LS/Protek
Peas	African bollworm; Lesser army worm	cypermethrin	EC	200 g/l	Polytrin 200 EC	5409		Villa Crop Protection
Peas	African bollworm; Lesser army worm	cypermethrin	EC	200 g/l	Sipermetrien	4889		Arysta Lifescience SA /Protek
Peas	African bollworm	deltamethrin	AL	60 mg/l	Servus RTU	8420		Makhro-Agro SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Peas	African bollworm	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Peas	African bollworm	deltamethrin	EC	25 g/l	Celtis 25 EC	7965		Volcano Agrosience /ta Arysta LS
Peas	African bollworm	deltamethrin	EC	25 g/l	Delta-Thrin 25 EC	7263		Universal Crop Protection
Peas	African bollworm	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Peas	African bollworm	deltamethrin	EC	25 g/l	Deltis 2,5% EC	6511		Almond Agro Chemicals (Pty Ltd)
Peas	African bollworm	deltamethrin	EC	25 g/l	Servus	7271		Adama SA
Peas	African bollworm	deltamethrin	EW	25 g/l	Zenit	9073		Meridian Agrochemical Co.
Peas	Aphids	demeton-S-methyl	EC	250 g/l	Demeton EC	4852		Universal Crop Protection
Peas	Aphids	demeton-S-methyl	EC	250 g/l	Demeton-S-Methyl	4508		Cropchem
Peas	African bollworm	esfenvalerate	EC	200 g/l	Sumi-Alpha 200 EC	6452		Philagro South Africa
Peas	African bollworm	esfenvalerate	EC	50 g/l	Sumicidin Super	6381		Philagro South Africa
Peas	African bollworm	esfenvalerate	EW	200 g/l	Sumi-Alpha 200 EW	8821		Philagro South Africa
Peas	Nematodes	ethoprophos	GR	150 g/kg	Mocap GR	6985		Villa Crop Protection
Peas	Nematodes	ethoprophos	GR	150 g/kg	Phoscap 15 GR	9119		Universal Crop Protection
Peas	Nematodes	ethoprophos	GR	150 g/kg	Procap 15 GR	9118		Villa Crop Protection
Peas	Nematodes	fenamiphos	CS	240 g/l	Nemacur 240 CS	7247		Villa Crop Protection
Peas	Nematodes	fenamiphos	EC	400 g/l	Fenamiphos 400 EC	7647		Universal Crop Protection
Peas	Nematodes	fenamiphos	EC	400 g/l	Nemacur 400 EC	367		Villa Crop Protection
Peas	Nematodes	fenamiphos	EC	400 g/l	Spitfire 400 EC	7646		Villa Crop Protection
Peas	African bollworm	fenvaterate	EC	200 g/l	Fenvaterate 200 EC	4187		Universal Crop Protection
Peas	African bollworm	fenvaterate	EC	200 g/l	Fenvaterate 200 EC	4603		Avima
Peas	African bollworm	fenvaterate	EC	200 g/l	Fenvaterate 200 EC	7185		Villa Crop Protection
Peas	African bollworm	gamma-cyhalothrin	CS	60 g/l	Vantex 60 CS	7227		Cheminova (Disa Bio-Technologies CC)
Peas	African bollworm	indoxacarb	EC	150 g/l	Avaunt 150 EC	8623		Du Pont de Nemours
Peas	African bollworm	indoxacarb	EC	150 g/l	Steward 150 EC	8435	7 days	Du Pont de Nemours Int SA
Peas	African bollworm	indoxacarb	WG	300 g/kg	Steward	6332	7 days	Du Pont de Nemours Int SA
Peas	African bollworm	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Peas	African bollworm	lambda-cyhalothrin	EC	50 g/l	Attacke	7669		Erintrade CC t/a R.T. Chemicals
Peas	African bollworm	lambda-cyhalothrin	EC	50 g/l	Judo 50 EC	7785		Villa Crop Protection
Peas	African bollworm	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Peas	African bollworm	lambda-cyhalothrin	EC	50 g/l	Lambda 50 EC	7787		Universal Crop Protection
Peas	African bollworm	lambda-cyhalothrin	EC	50 g/l	Lambda EC	8546		Arysta Lifescience SA
Peas	African bollworm	lambda-cyhalothrin	EC	50 g/l	Makhrolam 5 EC	8141		Makhro-Agro SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Peas	African bollworm	lambda-cyhalothrin	EC	50g/l	Lamdex 5 EC	7578		Adama SA
Peas	African bollworm	methoxyfenozide	SC	240 g/l	Runner 240 SC	7779		Dow AgroSciences SA
Peas	Aphids	mevinphos	EC	150 g/l	Mevinfos EC	4315		Universal Crop Protection
Peas	Aphids	mevinphos	EC	240 g/l	Phosdrin 240 EC	7267		Universal Crop Protection
Peas	Aphids	mevinphos	SL	500 g/l	Phosdrin 500 SL	4995		Universal Crop Protection
Peas	Aphids; Leafminer; Red legged earth mite	omethoate	SL	800 g/l	Folimat 800 SL	2316		Arysta Lifescience SA
Peas	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Peas	Potato leafminer	spinosad	SC	120 g/l	Eco Insect Control	7232		Agro-Serve t/a Efekto
Peas	Potato leafminer	spinosad	SC	480 g/l	Tracer 480 SC	6557		Dow AgroSciences SA
Peas	Potato leafminer	spinosad	WP	800 g/kg	Entrust Naturalyte 800 WP	7389		Dow AgroSciences SA
Peas	African bollworm; Lesser army worm	zeta-cypermethrin	EW	100 g/l	Fury 10 EW	6696		FMC
Pecan nuts	European red mite; Red spider mite	abamectin	SC	84 g/l	Agriamec Gold	9235		Syngenta SA
Pecan nuts	False codling moth	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Pecan nuts	False codling moth	Beauveria bassiana	EC	4x10 ⁹ spores/ml	Broadband	8270	0	BASF South Africa
Pecan nuts	Bark borer; Stem borer	beta-cyfluthrin	SC	125 g/l	Bulldock Beta 125 SC	7612		Bayer
Pecan nuts	Bark borers; Stem borers	carbaryl	SC	480g/l	Sevin XLR Plus	5783		Universal Crop Protection
Pecan nuts	African bollworm; Carob moth; Codling moth; False codling moth; Litchi moth; Stinkbug complex	chlorantraniliprole/lambda-cyhalothrin	OS	100/50 g/l	Ampligo	8685		Syngenta SA
Pecan nuts	Aphids; Stinkbugs; Thrips	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Pecan nuts	False codling moth	cryptophlebia leucotreta granulovirus	SC	5x10 ¹⁰ OBs (occlusion bodies)/ml	Cryptogran	7598		River Bioscience
Pecan nuts	African bollworm; Codling moth; False codling moth; Leafrollers	emamectin benzoate	WG	50 g/kg	Proclaim	7581		Syngenta SA
Pecan nuts	Nematodes	fenamiphos	GR	100 g/kg	Nemacur 10 GR	2056		Villa Crop Protection
Pecan nuts	Thrips	imidacloprid	SC	350 g/l	Kohinor 350 SC	8447		Adama SA
Pecan nuts	Stinkbug	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Pecan nuts	Stinkbug	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Pecan nuts	False codling moth	methoxyfenozide	SC	240 g/l	Runner 240 SC	7779		Dow AgroSciences SA
Pecan nuts	Aphids	pirimicarb	WG	500 g/kg	Apex 500 WDG	8475		Villa Crop Protection
Pecan nuts	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Pecan nuts	Aphids	pirimicarb	WG	500 g/kg	Unipex 500 WDG	8474		Universal Crop Protection
Pecan nuts	Fruit sucking bug; Stinkbug	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Pecan nuts	False codling moth; Thrips	spinetoram	WG	250 g/l	Delegate 250 WG	8392		Dow AgroSciences SA
Peppers	Broad mite; Leafminers; Red spider mite	abamectin	SC	84 g/l	Agriamec Gold	9235		Syngenta SA
Peppers	African bollworm; False codling moth	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Peppers	African bollworm	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Peppers	False codling moth; Red spider mite; White fly	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Peppers	African bollworm; Armyworms; Cutworms; Diamondback moth; Leafminers; Stink bugs; Thrips; Tomato leafminer; Whitefly	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Peppers	False codling moth	cryptophlebia leucotreta granulovirus	SC	5x10 (10) OBs (occlusion bodies)/ml	Cryptogran	7598		River Bioscience
Peppers	False codling moth	dodeceny acetate E8/dodeceny acetate Z8	VP	15/15 g/kg	RB Splat FCM	10259		River Bioscience
Peppers	Tomato leaf miner moth	emamectin benzoate	EW	20 g/l	Promec 20 EW	9729	5 days	Meridian Agrochemical Co.
Peppers	African bollworm; Armyworms	emamectin benzoate	WG	50 g/kg	Proclaim	7581		Syngenta SA
Peppers	Tomato leaf miner moth	emamectin benzoate	WG	50 g/kg	Vitex 50	9525	5 days	Meridian Agrochemical Co.
Peppers	Red spider mite	fenbutatin oxide	SC	550 g/l	Crystal 550 SC	9050		Villa Crop Protection
Peppers	Red spider mite	fenbutatin oxide	SC	550 g/l	Roper 550 SC	9049		Universal Crop Protection
Peppers	Red spider mite	fenbutatin oxide	SC	550 g/l	Torque SC	4929		BASF South Africa
Peppers	African bollworm; Leaf miner	flubendiamide	SC	480 g/l	Belt	8860		Bayer
Peppers	Nematodes	furfural	EC	800 g/l	Crop Guard 80	9253		Illovo Sugar Ltd
Peppers	Fall armyworm; Tomato leafminer	indoxacarb	EC	150 g/l	Steward 150 EC	8435	1 day	Du Pont de Nemours Int SA
Peppers	Tomato leaf miner moth	indoxacarb	SC	300 g/l	Doxstar Flo	9884	1 day	Meridian Agrochemical Co.
Peppers	Fall armyworm	indoxacarb	WG	300 g/kg	Steward	6332	1 day	Du Pont de Nemours Int SA
Peppers	African bollworm; Semi-looper	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Peppers	African bollworm; Semi-looper	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Peppers	American bollworm	lambda-cyhalothrin	EW	50 g/l	Lambda Aquamul	9583		Meridian Agrochemical Co.
Peppers	Thrips	lufenuron	EC	50 g/l	Sorba	5343		Syngenta SA
Peppers	Aphids; Thrips	mercaptotion	EC	500 g/l	Mercaptotion 500 EC	4394		Dow AgroSciences SA
Peppers	Aphids; Thrips	mercaptotion	EW	440 g/l	Fyfanon 440 EW	9484		Chemnova
Peppers	African bollworm	methoxyfenozide	SC	240 g/l	Runner 240 SC	7779		Dow AgroSciences SA
Peppers	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Peppers	Aphids; Whitefly	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Peppers	Aphids; Whitefly	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Peppers & Green chillies	Nematodes	furfural	EC	900 g/l	Crop Guard	6864		Illovo Sugar Ltd
Peppers & Green chillies	Aphids; Thrips; Whitefly	spirotetramat	SC	240 g/l	Movento	8559		Bayer
Persimmons	False codling moth	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Persimmons	African bollworm	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Persimmons	False codling moth	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Persimmons	Mealy bugs	chlorpyrifos	EC	480 g/l	Makhrofos 480 EC	7973		Makhro-Agro SA
Persimmons	Mealy bugs	chlorpyrifos	EC	480 g/l	Pyrinex 480 EC	4673		Adama SA
Persimmons	False codling moth	Cryptophlebia leucotreta granulovirus	SC	2x20(10) ob's/ml	Cryptex	8037		Biological Control Products SA
Persimmons	False codling moth	cryptophlebia leucotreta granulovirus	SC	5x10 (10) OBs (occlusion bodies)/ml	Cryptogran	7598		River Bioscience
Persimmons	False codling moth	dodecenyl acetate E8/dodecenyl acetate Z8	VP	15/15 g/kg	BB Splat FCM	10259		River Bioscience
Persimmons	Mealybugs	imidacloprid	SC	350 g/l	Kohinor 350 SC	8447		Adama SA
Persimmons	Mealybugs; Thrips	profenofos	EC	500 g/l	Selecron 500 EC	3113		Syngenta SA
Persimmons	African bollworm; False codling moth; Thrips; Western flower thrips	spinetoram	WG	250 g/l	Delegate 250 WG	8392		Dow AgroSciences SA
Persimmons	African bollworm; Thrips	spinosad	SC	480 g/l	Tracer 480 SC	6557		Dow AgroSciences SA
Persimmons	False codling moth	Thaumotobia leucotreta granulosis virus	SC		Gratham	9038		Chempac
Pineapples	Nematodes	1,3 dichloropropene	AL	1110 g/l	Tolerance 1110 AL	9223		Villa Crop Protection
Pineapples	Nematodes	1,3 dichloropropene	AL	1110 g/l	Trimple 1110 AL	9224		Universal Crop Protection
Pineapples	Nematodes	cadusafos	EW	100 g/l	Hockey 100 EW	9123		Universal Crop Protection
Pineapples	Nematodes	cadusafos	EW	100 g/l	Rugby 10 ME	6368		FMC
Pineapples	Nematodes	cadusafos	EW	100 g/l	Soccer 10 EW	9122		Villa Crop Protection
Pineapples	Nematodes	cadusafos	GR	100 g/kg	Rugby 10 G	4110		FMC SA
Pineapples	Black maize beetle; White grubs	chlorpyrifos	EC	480 g/l	Dursban 480 EC	5225		Dow AgroSciences SA
Pineapples	Black maize beetle; White grubs	chlorpyrifos	WG	750 g/kg	Dursban 750 WG	6589		Dow AgroSciences SA
Pineapples	Pink bud moth	deltamethrin	EC	25 g/l	Delta-Thrin 25 EC	7263		Universal Crop Protection
Pineapples	Pink bud moth	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Pineapples	Mealy bug	diazinon	EC	275 g/l	Diazinon	4550		Gulf Chemicals t/a Arysta Lifescience SA
Pineapples	Mealy bug	diazinon	EC	275 g/l	Diazinon 275 EC	4941		Avima
Pineapples	Nematodes	dichloropropene (1,3)	AL	1 110 g/l	Telone II	5223		Dow AgroSciences SA
Pineapples	Nematodes	dichloropropene (1,3)	AL	1100 g/l	Dilone AL	8936		Erintrade CC t/a R.T. Chemicals
Pineapples	Mealy bug	dimethoate	EC	400 g/l	Danadim Progress	8868		Cheminova (Disa Bio-Technologies CC)
Pineapples	Mealy bug	dimethoate	EC	400 g/l	Dimethoate	4823		Wenkem
Pineapples	Mealy bug	dimethoate	EC	400 g/l	Dimethoate	7059		Volcano Agrosciences
Pineapples	Mealy bug	dimethoate	EC	400 g/l	Dimethoate	8455		Universal Crop Protection
Pineapples	Mealy bug	dimethoate	EC	400 g/l	Dimethoate EC	7940		Makhro-Agro SA
Pineapples	Mealy bug	dimethoate	EC	400 g/l	Genoate EC	8195		Villa Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Pineapples	Nematodes	fenamiphos	CS	240 g/l	Nemacur 240 CS	7247		Villa Crop Protection
Pineapples	Nematodes	fenamiphos	EC	400 g/l	Atador	7167		Erintrade CC t/a R.T. Chemicals
Pineapples	Nematodes	fenamiphos	EC	400 g/l	Fenamiphos 400 EC	7647		Universal Crop Protection
Pineapples	Nematodes	fenamiphos	EC	400 g/l	Nemacur 400 EC	367		Villa Crop Protection
Pineapples	Nematodes	fenamiphos	EC	400 g/l	Spitfire 400 EC	7646		Villa Crop Protection
Pineapples	Ants	hydramethylnon	GR	7,3 g/kg	Siege GR	5067		BASF South Africa
Pineapples	Mealy bug	mercaptothion	EC	500 g/l	Mercaptothion 500 EC	4394		Dow AgroSciences SA
Pineapples	Nematodes	oxamyl	SL	310 g/l	Blockade SL	7345		Klub M5
Pineapples	Nematodes	oxamyl	SL	310 g/l	Oxadate	7588		Arysta Lifescience SA
Pineapples	Nematodes	oxamyl	SL	310 g/l	Oxamyl 310 SL	9246		Erintrade CC t/a R.T. Chemicals
Pineapples	Nematodes	oxamyl	SL	310 g/l	Oxatak SL	7589		Meridian Agrochemical Co.
Pineapples	Nematodes	oxamyl	SL	310 g/l	Vigour 310 SL	8088		Ag-Chem Africa
Pineapples	Nematodes	oxamyl	SL	310 g/l	Vydate SL	5057		Du Pont de Nemours Int SA
Pistachios	African bollworm; Carob moth; Codling moth; False codling moth; Litchi moth; Stinkbug complex	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Pistachios	Aphids; Stinkbugs; Thrips	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Pistachios	Thrips	imidacloprid	SC	350 g/l	Kohinor 350 SC	8447		Adama SA
Pistachios	Stinkbug	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Pistachios	Stinkbug	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Pistachios	Fruit sucking bug; Stinkbug	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Plums	European red mite; Red spider mite	abamectin	EC	18 g/l	Sanamectin 18 EC	5928		Dow AgroSciences SA
Plums	European red mite; Red spider mite	abamectin	EC	36 g/l	Zoro 36 EC	8712		Cheminova
Plums	European red mite; Red spider mite	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Plums	African bollworm; Antestia bug; Codling moth; Fruit nibbler; Leafroller; Weevil	acephate	SP	750 g/kg	Ace 750 SP	4175		Nulandis
Plums	African bollworm; Antestia bug; Codling moth; Fruit nibbler; Leafroller; Weevil	acephate	SP	750 g/kg	Acephate 750 SP	6473		Universal Crop Protection
Plums	African bollworm; Antestia bug; Codling moth; Fruit nibbler; Leafroller; Weevil	acephate	SP	750 g/kg	Acephate 750 SP	7181		Villa Crop Protection
Plums	African bollworm; Antestia bug; Codling moth; Fruit nibbler; Leafroller; Weevil	acephate	SP	750 g/kg	Bitrad Acephate	7013		Bitrad Consulting
Plums	African bollworm; Antestia bug; Codling moth; Fruit nibbler; Leafroller; Weevil	acephate	SP	750 g/kg	Gremlin 75 SP	8130		Volcano Agrosciences
Plums	African bollworm; Antestia bug; Codling moth; Fruit nibbler; Leafroller; Weevil	acephate	SP	750 g/kg	Orthene	190		Volcano Agroscience /ta Arysta LS
Plums	African bollworm; Antestia bug; Banded fruit weevil; Codling moth; Fruit nibbler; Leaf rollers	acephate	SP	750 g/kg	Racet 750 SP	5607		Rotam RSA
Plums	African bollworm; Aphids; Codling moth; European red mite; Fruit fly; Red mite; Weevil	azadirachtin	EC	1,5 g/l	Bioneem	6958		Biogrow Chemicals
Plums	Codling moth	azinphos-methyl	WP	350 g/kg	Azinphos 350 WP	4851		Adama SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Plums	African bollworm; Codling moth; False codling moth	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Plums	African bollworm; Leafrollers	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Plums	False codling moth	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Plums	African bollworm; Codling moth; False codling moth; Fruit flies; Weevils	beta-cypermethrin	EC	100 g/l	Akito	6709		Cropserve/Arysta Lifescience SA
Plums	Nematodes	cadusafos	EW	100 g/l	Hockey 100 EW	9123		Universal Crop Protection
Plums	Nematodes	cadusafos	EW	100 g/l	Rugby 10 ME	6368		FMC
Plums	Nematodes	cadusafos	EW	100 g/l	Soccer 10 EW	9122		Villa Crop Protection
Plums	Nematodes	cadusafos	GR	100 g/kg	Rugby 10 G	4110		FMC SA
Plums	African bollworm; False codling moth	chlorantraniliprole	WG	350 g/kg	Altacor	8467	14 days	Du Pont de Nemours Int SA
Plums	African bollworm; Antestia bug; Codling moth; False codling moth; Fruit piercing moths; Fruitflies; Leafrollers; Plum slug; Stink bugs; Thrips	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Plums	Thrips	chlorfenapyr	SC	240 g/l	Hunter 24 SC	8307		BASF South Africa
Plums	Thrips	chlorfenapyr	SC	360 g/l	Saber 360 SC	8534		Universal Crop Protection
Plums	Thrips	chlorfenapyr	SC	360 g/l	Savage 360 SC	8533		Villa Crop Protection
Plums	Thrips	chlorfenapyr	SC	360 g/l	Sergeant	9876		Arysta Lifescience SA
Plums	Pernicious scale; Red scale	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Plums	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Agropyrifos 480 EC	4888		Arysta Lifescience SA
Plums	Aphids; Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Avi-Klorpirifos	4318	30 days	Avima
Plums	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	5417		Makhteshim-Agan SA
Plums	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6272		Arysta Lifescience SA
Plums	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6350		Universal Crop Protection
Plums	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	7183		Villa Crop Protection
Plums	Pernicious scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos EC	5867		Cropchem
Plums	Pernicious scale	chlorpyrifos	EC	480 g/l	Chlorpyrifos	10017		Meridian Agrochemical Co.
Plums	Pernicious scale	chlorpyrifos	EC	480 g/l	Dursban 480 EC	5225		Dow AgroSciences SA
Plums	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Lirifos 480 EC	4883		Gouws & Scheepers (Nulandis)
Plums	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Makhrofos 480 EC	7973		Makhro-Agro SA
Plums	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Pyrifos 480 EC	6397		Applied Agricultural Products (Nulandis)
Plums	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Pyrinex 480 EC	4673		Adama SA
Plums	Pernicious scale; Red scale	chlorpyrifos	EC	480 g/l	Rochlop 480 EC	5905		Rotam RSA
Plums	African bollworm; Aphids; Mealy bug; Pernicious scale; Red spider mite	chlorpyrifos	WG	750 g/kg	Dursban 750 WG	6589	30 days	Dow AgroSciences SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Plums	False codling moth	cryptophlebia leucotreta granulovirus	SC	5x10 (10) OBs (occlusion bodies)/ml	Cryptogran	7598		River Bioscience
Plums	Codling moth; Oriental fruit moth	Cydia pomonella granulosis virus	SC	3x10(10)	Madex Twin	9781		Madumbi Sustainable Agriculture
Plums	European red mite; Red spider mite	cyhexatin	SC	600 g/l	Acarstin Flo	4165		Sipcam South Africa
Plums	European red mite; Red spider mite	cyhexatin	SC	600g/l	Triran FA	5481		Viking Distribuors
Plums	African bollworm; Codling moth; False codling moth; Fruit flies; Weevils	cypermethrin	EC	200 g/l	Chanrai Cypermethrin 200 EC	8843		Chanrai SA
Plums	African bollworm; Codling moth; False codling moth; Fruit flies; Weevils	cypermethrin	EC	200 g/l	Cyperin 200 EC	5321		Nulandis
Plums	African bollworm; Codling moth; False codling moth; Fruit flies; Weevils	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4069		Agro-Serve t/a Efekto
Plums	African bollworm; Weevil	deltamethrin	AL	60 mg/l	Servus RTU	8420		Makhro-Agro SA
Plums	African bollworm; Weevils	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Plums	African bollworm; Weevils	deltamethrin	EC	25 g/l	Ag-Deltamethrin 25 EC	8492		Ag-Chem Africa
Plums	African bollworm; Weevils	deltamethrin	EC	25 g/l	Delta-Thrin 25 EC	7263		Universal Crop Protection
Plums	African bollworm; Weevils	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Plums	African bollworm; Weevils	deltamethrin	EC	25 g/l	Servus	7271		Adama SA
Plums	Aphids	demeton-S-methyl	EC	250 g/l	Demeton EC	4852		Universal Crop Protection
Plums	Aphids; Bryobia mite	demeton-S-methyl	EC	250 g/l	Demetox EC	2057		Avima
Plums	Aphids; Bryobia mite; Red spider mite	diazinon	EC	275 g/l	Diazinon 275 EC	4941		Avima
Plums	Aphids	dimethoate	EC	400 g/l	Aphicide	528		Agro-Serve t/a Efekto
Plums	Aphids; Bryobia mite	dimethoate	EC	400 g/l	Danadim Progress	8868		Cheminova (Disa Bio-Technologies CC)
Plums	Aphids; Bryobia mite; Fruit fly; Mealy bug; Woolly aphid	dimethoate	EC	400 g/l	Dimethoate	4823		Wenkem
Plums	Aphids; Bryobia mite; Fruit fly; Mealy bug; Woolly aphid	dimethoate	EC	400 g/l	Dimethoate	7059		Volcano Agrosiences
Plums	Aphids; Bryobia mite; Fruit fly; Mealy bug; Woolly aphid	dimethoate	EC	400 g/l	Dimethoate	8455		Universal Crop Protection
Plums	Aphids; Bryobia mite; Mealy bug	dimethoate	EC	400 g/l	Dimethoate 400 EC	10088	28 days	Bitrad Kaap
Plums	Aphids; Bryobia mite; Fruit fly; Woolly aphid	dimethoate	EC	400 g/l	Dimethoate EC	4507		Cropchem
Plums	Aphids; Bryobia mite; Fruit fly; Woolly aphid	dimethoate	EC	400 g/l	Dimethoate EC	5367		Tsunami Plant Protection /ta Arysta LS
Plums	Aphids; Bryobia mite; Fruit fly; Mealy bug; Woolly aphid	dimethoate	EC	400 g/l	Dimethoate EC	7940		Makhro-Agro SA
Plums	Aphids	dimethoate	EC	400 g/l	Dimeto 40 EC	1042		Avima
Plums	Aphids; Bryobia mite; Fruit fly; Mealy bug	dimethoate	EC	400 g/l	Genoate EC	8195		Villa Crop Protection
Plums	False codling moth	dodecenyl acetate E8/dodecenyl acetate Z8	VP	15/15 g/kg	RB Splat FCM	10259		River Bioscience
Plums	Fruit fly	fenthion	EC	500 g/l	Fenthion 500	6430		RT Chemicals
Plums	Fruit fly	fenthion	EC	500 g/l	Fruitcare	9204		Starplex 83 CC

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Plums	Fruit fly	fenthion	EC	500 g/l	Grab 500 EC	5616		Gouws & Scheepers (Nulandis)
Plums	Fruit fly	fenthion	EC	500 g/l	Lebaycid 500 EC	1270		Bayer
Plums	African bollworm; Weevil	gamma-cyhalothrin	CS	60 g/l	Vantex 60 CS	7227		Cheminova (Disa Bio-Technologies CC)
Plums	African bollworm	indoxacarb	SC	300 g/l	Doxstar Flo	9884		Meridian Agrochemical Co.
Plums	African bollworm	indoxacarb	WG	300 g/kg	Steward	6332	28 days	Du Pont de Nemours Int SA
Plums	African bollworm; Weevils	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Plums	African bollworm	lambda-cyhalothrin	CS	50 g/l	Karis 5 CS	9267		GAT Microencapsulation SA
Plums	African bollworm	lambda-cyhalothrin	EC	50 g/l	Cylam 50 EC	8261		Gouws & Scheepers
Plums	African bollworm; Weevil	lambda-cyhalothrin	EC	50 g/l	Judo 50 EC	7785		Villa Crop Protection
Plums	African bollworm; Weevils	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Plums	African bollworm	lambda-cyhalothrin	EC	50 g/l	Lambda 50 EC	7787		Universal Crop Protection
Plums	African bollworm; Weevil	lambda-cyhalothrin	EC	50 g/l	Lambda EC	8546		Arysta Lifescience SA
Plums	African bollworm; Weevils	lambda-cyhalothrin	EC	50 g/l	Makhrolam 5 EC	8141		Makhro-Agro SA
Plums	African bollworm; Banded fruit weevil	lambda-cyhalothrin	EC	50 g/l	Shamda 50 EC	10258		Sharda International Africa CC
Plums	African bollworm; Weevil	lambda-cyhalothrin	EC	50g/l	Lamdex 5 EC	7578		Adama SA
Plums	Aphids	mercaptotion	DP	50 g/kg	Merkaptotion DP	4278		Avima
Plums	Aphids	mercaptotion	EC	500 g/l	Avi Gard	216		Avima
Plums	Aphids; Bryobia mite; Fruit fly; Mealy bug	mercaptotion	EC	500 g/l	Datathion 500 EC	828		Nulandis
Plums	Aphids	mercaptotion	EC	500 g/l	Kombat Garden Insects	4469		Kombat
Plums	Mealy bug	mercaptotion	EC	500 g/l	Malasol	1353		Agro-Serve t/a Efekto
Plums	Aphids	mercaptotion	EC	500 g/l	Malathion	8317		Kombat
Plums	Mealy bug	mercaptotion	EC	500 g/l	Malathion 50% EC	4235		Agro-Serve t/a Efekto
Plums	Aphids; Mealybug	mercaptotion	EC	500 g/l	Mercaptotion 500 EC	4394		Dow AgroSciences SA
Plums	Aphids; Bryobia mite; Mealy bug	mercaptotion	EW	440 g/l	Fyfanon 440 EW	9484		Cheminova
Plums	Mealy bug	mercaptotion	WP	250 g/kg	Avi Merkaptotoks	3031		Avima
Plums	Aphids	mercaptotion/pyrethrins	DP	50/0,4 g/kg	Pythion 5% DP	2124		Avima
Plums	Pernicious scale	methidathion	EC	420 g/l	Arythion 420 EC	9388		Arysta Lifescience SA
Plums	Pernicious scale	methidathion	EC	420 g/l	Methidathion 420 EC	7583		Universal Crop Protection
Plums	Pernicious scale	methidathion	EC	420 g/l	Methidathion 420 EC	7584		Villa Crop Protection
Plums	Pernicious scale	methidathion	EC	420 g/l	Suprathion 420 EC	5439		Adama SA
Plums	Bryobia mite; Grey scale; Mealy bug; Pernicious scale; Red scale	methidathion	WP	200 g/kg	Suprathion 200 WP	6334		Makhteshim-Agan SA
Plums	Aphids; Bryobia mite; Mealy bug; Pernicious scale; Red scale; Red spider mite	mineral oil (light medium)	EC	720 g/l	Oleum	3575		Agro-Serve t/a Efekto
Plums	Nematodes	oxamyl	SL	310 g/l	Vydate SL	5057		Du Pont de Nemours Int SA
Plums	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Plums	Pernicious scale	polysulphide sulphur	SL	320 g/l	Ciplapol S 320	6429		Cipla Agricare
Plums	Greyscale; Pernicious scale; Red scale	polysulphide sulphur	SL	320 g/l	Lime Sulphur	4230		Agro-Serve t/a Efekto
Plums	Pernicious scale	polysulphide sulphur	SL	320 g/l	Lime Sulphur	7686		Delta Chemicals
Plums	Greyscale; Mealybug; Pernicious scale	prothiophos	EC	960 g/l	Tokuthion 960 EC	924		Volcano Agroscience /ta Arysta LS
Plums	Aphids	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Plums	African bollworm; False codling moth; Thrips	spinetoram	WG	250 g/l	Delegate 250 WG	8392		Dow AgroSciences SA
Plums	African bollworm; Thrips	spinosad	SC	480 g/l	Tracer 480 SC	6557		Dow AgroSciences SA
Plums	African bollworm; Thrips	spinosad	WP	800 g/kg	Entrust Naturalyte 800 WP	7389		Dow AgroSciences SA
Plums	Aphids; Pernicious scale	sulfoxaflor	SC	240 g/l	Closer 240 SC	9694	14	Dow AgroSciences SA
Plums	Rust	sulfur	SC	800 g/l	Sulfomaxx	9941		Ag-Chem Africa
Plums	Aphids	tau-fluvalinate	EW	240 g/l	Klartan 240 EW	5096		Adama SA
Plums	Aphids; Thrips	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Pomegranates	Codling moth	(8E,10E)-8-10-Dodecadien-1-ol/ethyl (2E,4Z)-2,4-decadienoate	VP	23/5 g/kg	Cidetrak CMDA Combo	10215		Viking Intellectual Properties
Pomegranates	African bollworm; False codling moth	Bacillus thuringiensis var. kurstaki	WG	100 000 IU/mg	BeTa Pro	8834	0	BASF South Africa
Pomegranates	African bollworm; Leafrollers; Semi-looper	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Pomegranates	False codling moth; Red spider mite; White fly	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Pomegranates	False codling moth	chlorantraniliprole	SC	200 g/l	Coragen	8529	7 days	Du Pont de Nemours Int SA
Pomegranates	False codling moth	Cryptophlebia leucotreta granulovirus	SC	2x20(10) ob's/ml	Cryptex	8037		Biological Control Products SA
Pomegranates	False codling moth	cryptophlebia leucotreta granulovirus	SC	5x10 (10) OBs (occlusion bodies)/ml	Cryptogran	7598		River Bioscience
Pomegranates	False codling moth	dodeceny acetate E8/dodeceny acetate Z8	VP	15/15 g/kg	RB Splat FCM	10259		River Bioscience
Pomegranates	Mealybugs	imidacloprid	SC	350 g/l	Kohinor 350 SC	8447		Adama SA
Pomegranates	African bollworm; False codling moth; Thrips; Western flower thrips	spinetoram	WG	250 g/l	Delegate 250 WG	8392		Dow AgroSciences SA
Pomegranates	False codling moth	Thaumatotibia leucotreta granulosis virus	SC		Gratham	9038		Chempac
Potatoes	Nematodes	1,3 dichloropropene	AL	1110 g/l	Tolerance 1110 AL	9223		Villa Crop Protection
Potatoes	Nematodes	1,3 dichloropropene	AL	1110 g/l	Trimple 1110 AL	9224		Universal Crop Protection
Potatoes	Nematodes; Wireworm	1,3-dichloropropene/chloropicrin	FU	390/596 g/kg	Tri-Form 60	9839		Trical Crop Protection Africa
Potatoes	Leafminer	abamectin	EC	18 g/l	Agrimec 018 EC	3209		Syngenta SA
Potatoes	Leafminer	abamectin	EC	18 g/l	Biomectin	7979		Villa Crop Protection
Potatoes	Leafminer	abamectin	EC	18 g/l	Makhromectin	7941		Makhro-Agro SA
Potatoes	Leafminer	abamectin	EC	18 g/l	Miticide	8501		Kombat
Potatoes	Leafminer	abamectin	EC	18 g/l	Sanamectin 18 EC	5928		Dow AgroSciences SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Potatoes	Leafminer	abamectin	EC	18 g/l	Unimectin 18 EC	7978		Universal Crop Protection
Potatoes	Leafminer	abamectin	EC	36 g/l	Zoro 36 EC	8712		Cheminova
Potatoes	Leafminers	abamectin	SC	84 g/l	Agripec Gold	9235		Syngenta SA
Potatoes	Aphids; Tuber moth	acephate	SP	750 g/kg	Ace 750 SP	4175		Nulandis
Potatoes	Aphids; Tuber moth	acephate	SP	750 g/kg	Acephate 750	6753		RT Chemicals
Potatoes	Aphids; Tuber moth	acephate	SP	750 g/kg	Acephate 750 SP	6473		Universal Crop Protection
Potatoes	Aphids; Tuber moth	acephate	SP	750 g/kg	Acephate 750 SP	7181		Villa Crop Protection
Potatoes	Aphids; Tuber moth	acephate	SP	750 g/kg	Bitrad Acephate	7013		Bitrad Consulting
Potatoes	Aphids; Tuber moth	acephate	SP	750 g/kg	Gremlin 75 SP	8130		Volcano Agrosociences
Potatoes	Aphids; Tuber moth	acephate	SP	750 g/kg	Orthene	190		Volcano Agrosocience /ta Arysta LS
Potatoes	Aphids; Tuber moth	acephate	SP	750 g/kg	Racet 750 SP	5607		Rotam RSA
Potatoes	Aphids; Whitefly	acetamiprid	SP	200 g/kg	Magnitude 200 SP	9226		Universal Crop Protection
Potatoes	Aphids; Whitefly	acetamiprid	SP	200 g/kg	Maintain 200 SP	9225		Villa Crop Protection
Potatoes	Aphids; Tuber moth	acetamiprid/bifenthrin	EC	16/30 g/l	Aceta Star 46 EC	9255		Makhteshim-Agan SA
Potatoes	Tuber moth larvae	acetamiprid/novaluron	EC	80/100 g/l	Cormoran 180 EC	9480		Makhteshim-Agan SA
Potatoes	Lesser army worm; Tuber moth	alpha-cypermethrin	EC	100 g/l	Fastac EC	4991		BASF South Africa
Potatoes	Lesser army worm; Tuber moth	alpha-cypermethrin	EC	100 g/l	Magnum Super EC	6679		Technichem
Potatoes	Lesser army worm; Tuber moth	alpha-cypermethrin	EC	100 g/l	Sentry EC	7966		Volcano Agrosocience /ta Arysta LS
Potatoes	Lesser army worm; Potato tuber moth	alpha-cypermethrin	EW	100 g/l	Ichiban 100 EW	9248		Meridian Agrochemical Co.
Potatoes	Lesser army worm; Tuber moth	alpha-cypermethrin	SC	100 g/l	Ag-Alpha Cyper 100 SC	8473		Ag-Chem Africa
Potatoes	Lesser army worm; Tuber moth	alpha-cypermethrin	SC	100 g/l	Alpha-thrin 100 SC	7425		Villa Crop Protection
Potatoes	Lesser army worm; Tuber moth	alpha-cypermethrin	SC	100 g/l	Avalanche	6807		Klub M5
Potatoes	Lesser army worm; Potato tuber moth	alpha-cypermethrin	SC	100 g/l	Fastac SC	4992		BASF South Africa
Potatoes	Lesser army worm; Tuber moth	alpha-cypermethrin	SC	100 g/l	Magnum Super SC	7816		Technichem Crop Protection
Potatoes	Lesser army worm; Tuber moth	alpha-cypermethrin	SC	100 g/l	Polytrin Super 100 SC	7262		Universal Crop Protection
Potatoes	Potato leafminer	azadirachtin	EW	1,5 g/l	Bio Neem	7052		Agro Organics
Potatoes	Tuber moth	azinphos-methyl	SC	200 g/l	Azinphos 200 SC	5588		Adama SA
Potatoes	Tuber moth	azinphos-methyl	WP	350 g/kg	Azinphos 350 WP	4851		Adama SA
Potatoes	Semi looper	Bacillus thuringiensis var aizawai	WG	15 000 IU/mg	Florbac WG	5531		Valent BioSciences
Potatoes	Semi-looper	Bacillus thuringiensis var kurstaki	WG	32 000 IU/mg	Kirshhoffs Margaret Roberts Dipel Biological Cater	7112		Ball Straathof
Potatoes	African bollworm; Semi-looper	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Potatoes	Tuber moth	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Potatoes	Tuber moth	beta-cyfluthrin	SC	125 g/l	Bulldock Beta 125 SC	7612		Bayer
Potatoes	Tuber moth	bifenthrin	EC	100 g/l	Bifenthrin 100 EC	9125		Sharda International Africa CC
Potatoes	Tuber moth	bifenthrin	EC	100 g/l	Seizer 100 EC	7471		Adama SA
Potatoes	Tuber moth	bifenthrin	EC	100g/l	Talstar 100 EC	3171		FMC SA
Potatoes	Nematodes	cadusafos	EW	100 g/l	Hockey 100 EW	9123		Universal Crop Protection
Potatoes	Nematodes	cadusafos	EW	100 g/l	Rugby 10 ME	6368		FMC
Potatoes	Nematodes	cadusafos	EW	100 g/l	Soccer 10 EW	9122		Villa Crop Protection
Potatoes	Nematodes	cadusafos	GR	100 g/kg	Rugby 10 G	4110		FMC SA
Potatoes	Black maize beetle; Millipedes	carbofuran	GR	100 g/kg	Alvuran 100 G	4881		Nulandis
Potatoes	Black maize beetle; Millipedes	carbofuran	GR	100 g/kg	Carboden 10 G	7577		Adama SA
Potatoes	Black maize beetle; Millipedes	carbofuran	GR	100 g/kg	Carbofuran	6649		Volcano Agrosociences
Potatoes	Black maize beetle; Millipedes	carbofuran	GR	100 g/kg	Carbofuran 10 GR	8547		Tsunami Plant Protection /ta Arysta LS
Potatoes	Black maize beetle; Millipedes	carbofuran	GR	100 g/kg	Carbofuran 100 GR	6945		Universal Crop Protection
Potatoes	Black maize beetle; Millipedes	carbofuran	GR	100 g/kg	Curaterr 10 GR	871		Bayer
Potatoes	Black maize beetle; Millipedes	carbofuran	GR	100 g/kg	Furadan 10 GR	7558		FMC Chemicals (pty)Ltd
Potatoes	Black maize beetle; Millipedes	carbofuran	GR	100 g/kg	Carbofuran 100 GR	7182		Villa Crop Protection
Potatoes	Potato leafminer; Tuber moth	cartap hydrochloride	SP	500 g/kg	Ag Tap 500 SP	7550		Ag-Chem Africa
Potatoes	Potato leafminer; Tuber moth	cartap hydrochloride	SP	500 g/kg	Agritap SP	9464		Meridian Agrochemical Co.
Potatoes	Potato leafminer; Tuber moth	cartap hydrochloride	SP	500 g/kg	Cartap	8497		Tsunami Plant Protection /ta Arysta LS
Potatoes	Potato leafminer	cartap hydrochloride	SP	500 g/kg	Cartap 500 SP	6797		RT Chemicals
Potatoes	Potato leafminer; Tuber moth	cartap hydrochloride	SP	500 g/kg	Cartap 500 SP	7661		Villa Crop Protection
Potatoes	Potato leafminer; Tuber moth	cartap hydrochloride	SP	500 g/kg	Cartap 500 SP	7662		Universal Crop Protection
Potatoes	Potato leafminer; Tuber moth	cartap hydrochloride	SP	500 g/kg	Gibsan 500 SP	7018		Nulandis
Potatoes	Potato leafminer; Tuber moth	cartap hydrochloride	SP	500 g/kg	Suntap 500 SP	5760		Plaaskem (Gouws & Scheepers)
Potatoes	Potato leaf miner; Potato tuber moth; Tomato leaf miner	chlorantraniliprole	SC	200 g/l	Coragen	8529	-	Du Pont de Nemours Int SA
Potatoes	Potato leaf miner; Potato tuber moth; Tomato leaf miner moth	chlorantraniliprole	SC	50 g/l	Prevathon 5 SC	9150		Du Pont de Nemours Int SA
Potatoes	Leafminer; Tuber moth	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Potatoes	Tuber moth	chlorfenapyr	SC	240 g/l	Hunter 24 SC	8307		BASF South Africa
Potatoes	Potato tuber moth larvae	chlorfenapyr	SC	360 g/l	Plumett	9860		Meridian Agrochemical Co.
Potatoes	Tuber moth	chlorfenapyr	SC	360 g/l	Saber 360 SC	8534		Universal Crop Protection
Potatoes	Tuber moth	chlorfenapyr	SC	360 g/l	Savage 360 SC	8533		Villa Crop Protection
Potatoes	Potato tuber moth larvae	chlorfenapyr	SC	360 g/l	Sergeant	9876		Arysta Lifescience SA
Potatoes	Black maize beetle; Cutworms	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Potatoes	Black maize beetle; Cutworms	chlorpyrifos	EC	480 g/l	Agropyrifos 480 EC	4888		Arysta Lifescience SA
Potatoes		chlorpyrifos	EC	480 g/l	Avi-Klorpirifos	4318	7 days	Avima
Potatoes	Black maize beetle; Cutworms	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	5417		Makhteshim-Agan SA
Potatoes	Black maize beetle; Cutworms	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6272		Arysta Lifescience SA
Potatoes	Black maize beetle; Cutworms	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6350		Universal Crop Protection
Potatoes	Black maize beetle; Cutworms	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	7183		Villa Crop Protection
Potatoes	Cutworm; Black maize beetle	chlorpyrifos	EC	480 g/l	Chlorpyrifos EC	5867		Cropchem
Potatoes	Black maize beetle	chlorpyrifos	EC	480 g/l	Chlorpyrifos	10017		Meridian Agrochemical Co.
Potatoes	Black maize beetle; Cutworms	chlorpyrifos	EC	480 g/l	Dursban 480 EC	5225		Dow AgroSciences SA
Potatoes	Black maize beetle; Cutworms	chlorpyrifos	EC	480 g/l	Lirifos 480 EC	4883		Gouws & Scheepers (Nulandis)
Potatoes	Black maize beetle; Cutworms	chlorpyrifos	EC	480 g/l	Makhrofos 480 EC	7973		Makhro-Agro SA
Potatoes	Black maize beetle; Cutworms	chlorpyrifos	EC	480 g/l	Pyrifos 480 EC	6397		Applied Agricultural Products (Nulandis)
Potatoes	Black maize beetle; Cutworms	chlorpyrifos	EC	480 g/l	Pyrinex 480 EC	4673		Adama SA
Potatoes	Black maize beetle; Cutworm	chlorpyrifos	EC	480 g/l	Rochlop 480 EC	5905		Rotam RSA
Potatoes	Black maize beetle; Cutworms	chlorpyrifos	WG	750 g/kg	Dursban 750 WG	6589	7 days	Dow AgroSciences SA
Potatoes	Potato leafminer	cyromazine	WP	750 g/kg	Cygon	7230		RT Chemicals
Potatoes	Potato leafminer	cyromazine	WP	750 g/kg	Cyromazine 75 WP	7258		Nippon Africa
Potatoes	Potato leafminer	cyromazine	WP	750 g/kg	Cyromazine 75 WP	7259		Arysta Lifescience SA
Potatoes	Potato leafminer	cyromazine	WP	750 g/kg	Cyromazine 750 WP	7269		Universal Crop Protection
Potatoes	Potato leafminer	cyromazine	WP	750 g/kg	Cyromazine 750 WP	7424		Villa Crop Protection
Potatoes	Leafminer	cyromazine	WP	750 g/kg	Patron 75 WP	3035		Syngenta SA
Potatoes	Potato leafminer	cyromazine	WP	750 g/kg	Topgard 75 WP	7270		Almond Agro Chemicals (Pty Ltd)
Potatoes	Tubermoth	deltamethrin	AL	60 mg/l	Servus RTU	8420		Makhro-Agro SA
Potatoes	Tuber moth	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Potatoes	Tuber moth	deltamethrin	EC	25 g/l	Delta-Thrin 25 EC	7263		Universal Crop Protection
Potatoes	Tuber moth	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Potatoes	Tuber moth	deltamethrin	EC	25 g/l	Servus	7271		Adama SA
Potatoes	Aphids	demeton-S-methyl	EC	250 g/l	Demeton EC	4852		Universal Crop Protection
Potatoes	Aphids	demeton-S-methyl	EC	250 g/l	Demeton-S-Methyl	4508		Cropchem
Potatoes	Aphids	demeton-S-methyl	EC	250 g/l	Demetox EC	2057		Avima
Potatoes	Nematodes	dichloropropene (1,3)	AL	1 110 g/l	Telone II	5223		Dow AgroSciences SA
Potatoes	Nematodes	dichloropropene (1,3)	AL	1100 g/l	Dilone AL	8936		Erintrade CC t/a R.T. Chemicals
Potatoes	Tuber moth larvae	diflubenzuron	SC	480 g/l	Diflubenzuron 480 SC	9486		Sharda International Africa CC
Potatoes	Tuber moth	diflubenzuron	SC	480 g/l	Difluron 480 SC	8810	9 days	Universal Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Potatoes	Tuber moth	diflubenzuron	SC	480 g/l	Dimilin SC	7401		Crompton Chemicals
Potatoes	Tuber moth	diflubenzuron	SC	480 g/l	Dimilin SC 48	7140		Crompton Chemicals
Potatoes	Tuber moth	diflubenzuron	SC	480 g/l	Viron 480 SC	8815	9 days	Villa Crop Protection
Potatoes	Aphids	dimethoate	EC	400 g/l	Danadim Progress	8868		Chemnova (Disa Bio-Technologies CC)
Potatoes	Aphids	dimethoate	EC	400 g/l	Deus 400 EC	7610		Ag-Chem Africa
Potatoes	Aphids	dimethoate	EC	400 g/l	Dimethoate	4823		Wenkem
Potatoes	Aphids	dimethoate	EC	400 g/l	Dimethoate	7059		Volcano Agrosiences
Potatoes	Aphids	dimethoate	EC	400 g/l	Dimethoate	8455		Universal Crop Protection
Potatoes	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	4507		Cropchem
Potatoes	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	5367		Tsunami Plant Protection /ta Arysta LS
Potatoes	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	7940		Makhro-Agro SA
Potatoes	Aphids	dimethoate	EC	400 g/l	Dimeto 40 EC	1042		Avima
Potatoes	Aphids	dimethoate	EC	400 g/l	Genoate EC	8195		Villa Crop Protection
Potatoes	Tuber moth	esfenvalerate	EC	200 g/l	Sumi-Alpha 200 EC	6452		Philagro South Africa
Potatoes	Tuber moth	esfenvalerate	EC	50 g/l	Sumicidin Super	6381		Philagro South Africa
Potatoes	Tuber moth	esfenvalerate	EW	200 g/l	Sumi-Alpha 200 EW	8821		Philagro South Africa
Potatoes	Nematodes	ethoprophos	GR	150 g/kg	Aalbuster	9356		Ag-Chem Africa
Potatoes	Nematodes	ethoprophos	GR	150 g/kg	Mocap GR	6985		Villa Crop Protection
Potatoes	Nematodes	ethoprophos	GR	150 g/kg	Phoscap 15 GR	9119		Universal Crop Protection
Potatoes	Nematodes	ethoprophos	GR	150 g/kg	Procap 15 GR	9118		Villa Crop Protection
Potatoes	Nematodes	ethoprophos	GR	150 g/kg	Successor	9354		Ag-Chem Africa
Potatoes	Nematodes	ethoprophos	GR	150 g/kg	Vanquish	9355		Ag-Chem Africa
Potatoes	Aphids; Nematodes	fenamiphos	CS	240 g/l	Nemacur 240 CS	7247		Villa Crop Protection
Potatoes	Nematodes	fenamiphos	EC	400 g/l	Atador	7167		Erintrade CC t/a R.T. Chemicals
Potatoes	Aphids; Nematodes	fenamiphos	EC	400 g/l	Fenamiphos 400 EC	7647		Universal Crop Protection
Potatoes	Aphids; Nematodes	fenamiphos	EC	400 g/l	Fenamiphos EC	9196		Arysta Lifescience SA
Potatoes	Aphids; Nematodes	fenamiphos	EC	400 g/l	Nemacur 400 EC	367		Villa Crop Protection
Potatoes	Aphids; Nematodes	fenamiphos	EC	400 g/l	Spitfire 400 EC	7646		Villa Crop Protection
Potatoes	Tuber moth	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	4187		Universal Crop Protection
Potatoes	Tuber moth	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	4603		Avima
Potatoes	Tuber moth	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	7185		Villa Crop Protection
Potatoes	Tomato leafminer; Tuber moth	flubendiamide	SC	480 g/l	Belt	8860		Bayer
Potatoes	Nematodes	fluopyram	SC	400 g/l	Velum Prime 400 SC	9965		Bayer
Potatoes	Nematodes	fluopyram	SC	500 g/l	Velum Prime	9565		Bayer
Potatoes	Nematodes	fosthiazate	EC	900g/l	Nemathorin 900 EC	5612	105 days	ISK Biosciences (Disa Biotechnologies CC)
Potatoes	Nematodes	fosthiazate	GR	100 g/kg	Nemathorin 100 GR	5613	105 days	ISK Biosciences (Disa Biotechnologies CC)

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Potatoes	Nematodes	furfural	EC	800 g/l	Crop Guard 80	9253		Illovo Sugar Ltd
Potatoes	Nematodes	furfural	EC	900 g/l	Crop Guard	6864		Illovo Sugar Ltd
Potatoes	African bollworm; Tuber moth	gamma-cyhalothrin	CS	60 g/l	Vantex 60 CS	7227		Cheminova (Disa Bio-Technologies CC)
Potatoes	Aphids	imidacloprid	SC	350 g/l	Apache 350 SC	9457		Cedar Falls Properties 130
Potatoes	Aphids	imidacloprid	SC	350 g/l	Apache Gold 350 SC	9398		Castle Ag-Chem
Potatoes	Aphids	imidacloprid	SC	350 g/l	Bandit 350 SC	8001		Arysta Lifescience SA
Potatoes	Aphids	imidacloprid	SC	350 g/l	Complete 350 SC	7959		Arysta Lifescience SA /Protek
Potatoes	Aphids	imidacloprid	SC	350 g/l	Complete 350 SC	9024		Arysta Lifescience SA
Potatoes	Aphids	imidacloprid	SC	350 g/l	Confidor 350 SC	5691		Bayer
Potatoes	Aphids	imidacloprid	SC	350 g/l	Imidacloprid 350 SC	8442		Sharda International Africa CC
Potatoes	Aphids	imidacloprid	SC	350 g/l	Kohinor 350 SC	8447		Adama SA
Potatoes	Aphids	imidacloprid	SC	350 g/l	Koinor 350 SC	8117		Makhro-Agro SA
Potatoes	Aphids	imidacloprid	SC	350 g/l	Nova Prid 350 SC	9743		AgriNova Trust
Potatoes	Aphids	imidacloprid	SC	350 g/l	Novacloprid 350 SC	8238		Nova Agro
Potatoes	Aphids	imidacloprid	SC	350 g/l	Provado 350 SC	7740		Bayer
Potatoes	Aphids	imidacloprid	SC	350 g/l	Punto 350 SC	8852		Anasac SA
Potatoes	Aphids	imidacloprid	SC	350 g/l	Starbug	8008		Erintrade CC t/a R.T. Chemicals
Potatoes	Aphids	imidacloprid	SC	350 g/l	Warrant 350 SC	7729		Cheminova
Potatoes	Aphids	imidacloprid	WG	700 g/kg	Confidor 70 WG	7240		Bayer
Potatoes	Aphid	imidacloprid	WG	700 g/kg	Cyrus WG	9483		Meridian Agrochemical Co.
Potatoes	Aphids	imidacloprid	WG	700 g/kg	Nova Prid 700 WG	9727		AgriNova Trust
Potatoes	Aphids	imidacloprid	WG	700 g/kg	Warrant 70 WG	8454		Cheminova
Potatoes	Leafminer; Tuber moth	indoxacarb	EC	150 g/l	Avaunt 150 EC	8623		Du Pont de Nemours
Potatoes	Potato leafminer; Tomato leafminer; Tuber moth	indoxacarb	EC	150 g/l	Steward 150 EC	8435	14 days (with abamectin)	Du Pont de Nemours Int SA
Potatoes	Potato tuber moth; Tomato leaf miner	indoxacarb	SC	300 g/l	Doxstar Flo	9884		Meridian Agrochemical Co.
Potatoes	Tuber moth	indoxacarb	WG	300 g/kg	Indo 300 WDG	9025		Crop Asure
Potatoes	Potato tuber moth	indoxacarb	WG	300 g/kg	Margin 300 WDG	9009		Villa Crop Protection
Potatoes	Potato tuber moth	indoxacarb	WG	300 g/kg	Session 300 WDG	9010		Universal Crop Protection
Potatoes	Potato leaf miner; Tuber moth	indoxacarb	WG	300 g/kg	Steward	6332	14 days (with abamectin)	Du Pont de Nemours Int SA
Potatoes	Nematodes	iprodione	SC	500 g/l	Devguard 500 SC	8883		Devgen NV t/a Disa Biotechnologies
Potatoes	African bollworm; Tuber moth	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Potatoes	African bollworm; Tuber moth	lambda-cyhalothrin	CS	50 g/l	Karis 5 CS	9267		GAT Microencapsulation SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Potatoes	African bollworm; Tuber moth	lambda-cyhalothrin	EC	50 g/l	Attacke	7669		Erintrade CC t/a R.T. Chemicals
Potatoes	African bollworm; Tuber moth	lambda-cyhalothrin	EC	50 g/l	Cylam 50 EC	8261		Gouws & Scheepers
Potatoes	African bollworm; Tuber moth	lambda-cyhalothrin	EC	50 g/l	Judo 50 EC	7785		Villa Crop Protection
Potatoes	African bollworm; Tuber moth	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Potatoes	African bollworm; Tuber moth	lambda-cyhalothrin	EC	50 g/l	Lambda 50 EC	7787		Universal Crop Protection
Potatoes	African bollworm; Tuber moth	lambda-cyhalothrin	EC	50 g/l	Lambda EC	8546		Arysta Lifescience SA
Potatoes	African bollworm; Tuber moth	lambda-cyhalothrin	EC	50 g/l	Makhrolam 5 EC	8141		Makhro-Agro SA
Potatoes	African bollworm; Potato tuber moth	lambda-cyhalothrin	EC	50 g/l	Shamda 50 EC	10258		Sharda International Africa CC
Potatoes	African bollworm; Tuber moth	lambda-cyhalothrin	EC	50g/l	Lamdex 5 EC	7578		Adama SA
Potatoes	Tuber moth larva	lambda-cyhalothrin	EW	50 g/l	Lambda Aquamul	9583		Meridian Agrochemical Co.
Potatoes	Tuber moth	lufenuron	EC	50 g/l	Baritone 50 EC	8659		Universal Crop Protection
Potatoes	Potato tuber moth	lufenuron	EC	50 g/l	Judge	9927		Arysta Lifescience SA
Potatoes	Tuber moth	lufenuron	EC	50 g/l	Lepidex	7977		Meridian Agrochemical Co.
Potatoes	Tuber moth	lufenuron	EC	50 g/l	Prime 50 EC	8660		Villa Crop Protection
Potatoes	Tuber moth	lufenuron	EC	50 g/l	Sorba	5343		Syngenta SA
Potatoes	Aphids; Cutworm; Tuber moth	methamidophos	SL	585 g/l	Bitrad Methamidophos	7015		Bitrad Consulting
Potatoes	Aphids; Cutworm; Tuber moth	methamidophos	SL	585 g/l	Metamidofos	4531		Tsunami Plant Protection /ta Arysta LS
Potatoes	Aphids; Cutworm; Tuber moth	methamidophos	SL	585 g/l	Metamidofos 585 SL	4286		Universal Crop Protection
Potatoes	Aphids; Tuber moth	methamidophos	SL	585 g/l	Methamidofos 585 SL	4405		Avima
Potatoes	Aphids; Cutworm; Tuber moth	methamidophos	SL	585 g/l	Methaphos	4085		Kynoch Agrochemicals (Applied)
Potatoes	Aphids; Cutworm; Tuber moth	methamidophos	SL	585 g/l	Tamron 585 SL	8251		Villa Crop Protection
Potatoes	Aphids; Tuber moth	methamidophos	SL	585 g/l	Thamido	4646		Gouws & Scheepers (Plaaskem)
Potatoes	Potato tuber moth	methidathion	EC	420 g/l	Arythion 420 EC	9388		Arysta Lifescience SA
Potatoes	Tuber moth	methidathion	EC	420 g/l	Methidathion 420 EC	7583		Universal Crop Protection
Potatoes	Tuber moth	methidathion	EC	420 g/l	Methidathion 420 EC	7584		Villa Crop Protection
Potatoes	Tuber moth	methidathion	EC	420 g/l	Suprathion 420 EC	5439		Adama SA
Potatoes	Tuber moth	methidathion	WP	200 g/kg	Suprathion 200 WP	6334		Makhteshim-Agan SA
Potatoes	African bollworm; Tuber moth	methomyl	SL	200 g/l	Methomate 200 SL	8123		Villa Crop Protection
Potatoes	African bollworm; Tuber moth	methomyl	SL	200 g/l	Methomex 200 SL	5253		Adama SA
Potatoes	African bollworm; Tuber moth	methomyl	SL	200 g/l	Methomyl 200 SL	7100		Universal Crop Protection
Potatoes	African bollworm; Tuber moth	methomyl	SL	200 g/l	Mylomex 200 SL	4367		Nulandis
Potatoes	African bollworm; Tuber moth	methomyl	SP	900 g/kg	Ciplamyl 90 SP	3436		Cipla Agricare
Potatoes	African bollworm; Tuber moth	methomyl	SP	900 g/kg	Kuik 900 SP	5602		Rotam RSA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Potatoes	African bollworm; Tuber moth	methomyl	SP	900 g/kg	Lannate 900 SP	2011		Du Pont de Nemours
Potatoes	African bollworm; Tuber moth	methomyl	SP	900 g/kg	Makhromex 900 SP	8140		Makhro-Agro SA
Potatoes	African bollworm; Tuber moth	methomyl	SP	900 g/kg	Masta 900 SP	9449		Arysta Lifescience SA
Potatoes	African bollworm; Tuber moth	methomyl	SP	900 g/kg	Methomex 900 SP	5254		Adama SA
Potatoes	African bollworm; Tuber moth	methomyl	SP	900 g/kg	Methomyl 100 SP	6873		Tsunami Plant Protection
Potatoes	African bollworm; Tuber moth	methomyl	SP	900 g/kg	Methomyl 90 SP	5931		Universal Crop Protection
Potatoes	African bollworm; Tuber moth	methomyl	SP	900 g/kg	Methomyl 90 SP	7189		Villa Crop Protection
Potatoes	African bollworm; Tuber moth	methomyl	SP	900 g/kg	Mylomex 900 SP	4783		Nulandis
Potatoes	African bollworm; Tuber moth	methomyl	SP	900 g/kg	Spitfire 900 SP	8197	3 days	Bitrad Consulting
Potatoes	Tuber moth	novaluron	EC	100 g/l	React 100 EC	9155		Villa Crop Protection
Potatoes	Leaf miner; Tuber moth	novaluron	EC	100 g/l	Rimon 10 EC	6285		Adama SA
Potatoes	Tuber moth	novaluron	EC	100 g/l	Bizon 100 EC	9156		Universal Crop Protection
Potatoes	Nematodes	oxamyl	GR	100 g/kg	Blockade G	7552		Klub M5
Potatoes	Nematodes	oxamyl	GR	100 g/kg	Foxamyl 10 G	9877		Cedar Falls Properties 130
Potatoes	Aphids; Nematodes	oxamyl	GR	100 g/kg	Oxagran 100 GR	6406		Nialcor
Potatoes	Aphids; Nematodes	oxamyl	GR	100 g/kg	Vydate 100 GR	3945		Du Pont de Nemours Int SA
Potatoes	Aphids; Nematodes	oxamyl	SL	310 g/l	Blockade SL	7345		Klub M5
Potatoes	Aphids; Nematodes	oxamyl	SL	310 g/l	Foxamyl 310 SL	9883		Cedar Falls Properties 130
Potatoes	Aphids; Nematodes	oxamyl	SL	310 g/l	Oxadate	7588		Arysta Lifescience SA
Potatoes	Aphids; Nematodes	oxamyl	SL	310 g/l	Oxamyl 310 SL	9246		Eristrate CC t/a R.T. Chemicals
Potatoes	Aphids; Nematodes	oxamyl	SL	310 g/l	Oxatak SL	7589		Meridian Agrochemical Co.
Potatoes	Aphids; Nematodes	oxamyl	SL	310 g/l	Platoon SL	7913		Villa Crop Protection
Potatoes	Aphids; Nematodes	oxamyl	SL	310 g/l	Stetson SL	7904		Universal Crop Protection
Potatoes	Aphids; Nematodes	oxamyl	SL	310 g/l	Strangler SL	10062		Bitrad Agri
Potatoes	Aphids; Nematodes	oxamyl	SL	310 g/l	Vigour 310 SL	8088		Ag-Chem Africa
Potatoes	Aphids; Nematodes; Potato leaf miner	oxamyl	SL	310 g/l	Vydate SL	5057		Du Pont de Nemours Int SA
Potatoes	Tuber moth	permethrin/pheromone	VP	60/1,6 g/kg	Last Call P.T.M.	6801		Insect Science
Potatoes	Aphids	phorate	GR	100 g/kg	Forate GR	5930		Universal Crop Protection
Potatoes	Aphids	pirimicarb	WG	500 g/kg	Apex 500 WDG	8475		Villa Crop Protection
Potatoes	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Potatoes	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Potatoes	Aphids	pirimicarb	WG	500 g/kg	Unipex 500 WDG	8474		Universal Crop Protection
Potatoes	Aphids	profenofos	EC	500 g/l	Farmag Profenofos 500	5547		Castle Ag-Chem

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Potatoes	Aphids; Tuber moth	profenofos	EC	500 g/l	Selecron 500 EC	3113		Syngenta SA
Potatoes	Aphids; Tuber moth	profenofos	EC	500 g/l	Selefos	6950		Erintrade CC t/a R.T. Chemicals
Potatoes	Tuber moth	pyridalyl dichloropropene-derivative	EC	500 g/l	Sumpleo	8377	14 days	Philagro South Africa
Potatoes	Potato leafminer; Tomato leafminer; Tuber moth	spinetoram	WG	250 g/l	Delegate 250 WG	8392		Dow AgroSciences SA
Potatoes	African bollworm; Potato leafminer; Tuber moth	spinosad	SC	480 g/l	Tracer 480 SC	6557		Dow AgroSciences SA
Potatoes	African bollworm; Potato leafminer; Tomato leafminer; Tuber moth	spinosad	WP	800 g/kg	Entrust Naturalyte 800 WP	7389		Dow AgroSciences SA
Potatoes	Aphids	spirotetramat	SC	240 g/l	Movento	8559		Bayer
Potatoes	Aphids	sulfoxaflor	SC	240 g/l	Closer 240 SC	9694	1	Dow AgroSciences SA
Potatoes	Black maize beetle	terbufos	GR	100 g/kg	Counter 100 G	1101		Villa Crop Protection
Potatoes	Black maize beetle	terbufos	GR	100 g/kg	Terbufos GR	5927		Universal Crop Protection
Potatoes	Black maize beetle	terbufos	GR	150 g/kg	Bitrad Terbufos 15 GR	7123		Bitrad Consulting
Potatoes	Black maize beetle	terbufos	GR	150 g/kg	Counter FC 15g	5571		Villa Crop Protection
Potatoes	Black maize beetle	terbufos	GR	150 g/kg	Ortofos 15 G	6608		Ortus Chemicals
Potatoes	Black maize beetle	terbufos	GR	150 g/kg	Terbufos 15 GR	6920		Universal Crop Protection
Potatoes	Black maize beetle	terbufos	GR	150 g/kg	Terbufos 15 GR	7186		Villa Crop Protection
Potatoes	Black maize beetle	terbufos	GR	150 g/kg	Terbufos 150	8119		Erintrade CC t/a R.T. Chemicals
Potatoes	Aphids; Black maize beetle	terbufos	GR	150 g/kg	Terfos 15 G	7582		Volcano Agrosience /ta Arysta LS
Potatoes	Aphids	thiacloprid	OD	240 g/l	Biscaya 240 OD	9350		Bayer
Potatoes	Aphids; Snout beetle	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Poultry houses	Flies; Litter beetle	thiamethoxam (Z) 9-tricosene	Paint	100/0,5 g/kg	Agita WG 10 Fly Bait	6670		Novartis SA
Poultry manure	Fly larvae	diflubenzuron	WP	250 g/kg	Diflubenzuron 250 WP	9413		Sharda International Africa CC
Prickly pears	False codling moth	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Prunes	Nematodes	chloropirrin	AL	1656 g/l	Tripicrin	8306		Nippon Africa Chemicals
Public health	Crawling and flying insects	alpha-cypermethrin	SC	100 g/l	Alphathrin	7850		Tsunami Plant Protection
Public health	Flying and crawling insects	alpha-cypermethrin	SC	60 g/l	Kombat Flies	8718	n/a	Kombat
Public health	Mice, Rats	brodifacoum	BB	0,05 g/kg	Jaguar Blox	8259	n/a	MC Pharma
Public health	Mice, Rats	brodifacoum	RB	0,05 g/kg	Broditop Pasta	8387	n/a	Mr. Stefano Migliore
Public health	Crawling insects	deltamethrin/piperonyl butoxide	EC	15/40 g/l	Deltanex 15 EC	8801		Avima
Public health	Crawling and flying insects	deltamethrin/piperonyl butoxide	WP	70/350 g/kg	Delta 7 WP	8605		Lifeguards Sciences
Public health	Insects	diazinon	EC	275 g/l	Diazinon	4550		Gulf Chemicals t/a Arysta Lifescience SA
Public health	Insects	diazinon	EC	275 g/l	Diazinon 275 EC	4941		Avima
Public health	Cockroaches	hydramethylnon	gel	20,4 g/kg	Generis Gel	8727		Avima
Public health	Cockroaches	indoxacarb		6 g/kg	Advion Cockroach Gel Bait	8424	n/a	Du Pont de Nemours

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Public health	Crawling and flying insects	lambda-cyhalothrin	ES	100 g/l	Ant Free	8715	n/a	Kombat
Public health	Crawling and flying insects	lambda-cyhalothrin	ES	100 g/l	Fly Free	8716	n/a	Kombat
Public health	Crawling and flying insects	lambda-cyhalothrin	ES	100 g/l	Roach Free	8714	n/a	Kombat
Public health	Crawling and flying insects	lambda-cyhalothrin	ES	60 g/l	Mosquito Free	8717	n/a	Kombat
Public health	Crawling insects	permethrin/pirimiphos-methyl	DP	4/16 g/kg	Super Guard Dust	8057		Avima
Public hygiene	Cockroaches	fipronil	RB	0,5 g/kg	Rossi Insect Bait	9307		Villa Crop Protection
Quinces	Codling moth	(8E,10E)-8-10-Dodecadien-1-ol/ethyl (2E,4Z)-2,4-decadienoate	VP	23/5 g/kg	Cidetrak CMBDA Combo	10215		Viking Intellectual Properties
Quinces	African bollworm	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Quinces	Slugs	mercaptotion	EC	500 g/l	Mercaptotion 500 EC	4394		Dow AgroSciences SA
Radishes	White fly	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Radishes	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Raspberries	African bollworm	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Raspberries	African bollworm	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Raspberries	Red spider mite; White fly	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Raspberries	Weevil	chlorpyrifos	EC	480 g/l	Dursban 480 EC	5225		Dow AgroSciences SA
Raspberries	African bollworm; Banded fruit weevil	indoxacarb	WG	300 g/kg	Steward	6332	42 days	Du Pont de Nemours Int SA
Raspberries	Aphids; Leafhoppers; Stinkbugs; Weevil; Whitefly	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Rhubarb	Carmine spider mite; Leafminers; Red spider mite	abamectin	SC	84 g/l	Agriamec Gold	9235		Syngenta SA
Rhubarb	African bollworm	flubendiamide	SC	480 g/l	Belt	8860		Bayer
Rhubarb	Aphids; Whitefly	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Rooibos tea	Leafhoppers	acetamiprid	SP	200 g/kg	Mospilan 20 SP	5899		Mitsui & Co.
Rooibos tea	Leafhoppers	acetamiprid	SP	200 g/kg	Mulan 20 SP	9167		Adama SA
Rooibos tea	African bollworm	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Rooibos tea	African bollworm; Semi-looper	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Rooibos tea	African bollworm; Leafhopper; Looper; Myrid; Snout beetle; Tussock moths	beta-cyfluthrin	SC	125 g/l	Bulldock Beta 125 SC	7612		Bayer
Rooibos tea	Bagrada bug; Cutworms; False wireworms	chlorpyrifos	WG	750 g/kg	Dursban 750 WG	6589		Dow AgroSciences SA
Rooibos tea	Leafhoppers; Loopers	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4069		Agro-Serve t/a Efekto
Rooibos tea	Leafhoppers; Loopers	cypermethrin	EC	200 g/l	Kemprin 200 EC	3145		Arysta Lifescience SA /Protek
Rooibos tea	Leafhoppers	demeton-S-methyl	EC	250 g/l	Demeton EC	4852		Universal Crop Protection
Rooibos tea	Leafhoppers	demeton-S-methyl	EC	250 g/l	Demeton-S-Methyl	4508		Cropchem
Rooibos tea	Leafhoppers	demeton-S-methyl	EC	250 g/l	Demetox EC	2057		Avima
Rooibos tea	Clearing moth larvae	esfenvalerate	EW	200 g/l	Sumi-Alpha 200 EW	8821		Philagro South Africa
Rooibos tea	Leafhoppers; Loopers	lambda-cyhalothrin	CS	100 g/l	Karate Zeon	9023		Syngenta SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Rooibos tea	Leafhoppers; Semi-loopers	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Rooibos tea	African bollworm	spinetoram	WG	250 g/l	Delegate 250 WG	8392		Dow AgroSciences SA
Row crops	Codling moth; Cutworms	lambda-cyhalothrin	EC	50 g/l	Shamda 50 EC	10258		Sharda International Africa CC
Rye	Aphids; Wireworms	thiamethoxam	FS	350 g/l	Cruiser	6288		Syngenta SA
Rye	Aphids; Wireworms	thiamethoxam	FS	600 g/l	Cruiser White	7546		Syngenta SA
Seedling transplants	Cutworm	chlorpyrifos	EC	480 g/l	Avi-Klorpirifos	4318		Avima
Shallots	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Soil	Fungus gnat larvae	Bacillus thuringiensis subsp israelensis	WG	3 000 ITU/mg	Vectobac WG	7224		Valent Biosciences
Soil (non agricultural)	Subterranean termites	fipronil	EC	25 g/l	Ultrakill Termite Control	9002		Starplex 83 CC
Soil application	Subterranean termites	imidacloprid	SC	350 g/l	Dominion 350 SC	9576		Adama SA
Soil application	Building structures	imidacloprid	SC	350 g/l	Dominion 350 SC	9576		Adama SA
Sorghum	African bollworm; Cutworm; Stalk borer	alpha-cypermethrin	EC	100 g/l	Fastac EC	4991		BASF South Africa
Sorghum	African bollworm; Stalk borer	alpha-cypermethrin	EC	100 g/l	Magnum Super EC	6679		Technichem
Sorghum	African bollworm; Stalk borer	alpha-cypermethrin	SC	100 g/l	Alpha-thrin 100 SC	7425		Villa Crop Protection
Sorghum	African bollworm; Stalk borer	alpha-cypermethrin	SC	100 g/l	Avalanche	6807		Klub M5
Sorghum	African bollworm; Stalkborer	alpha-cypermethrin	SC	100 g/l	Fastac SC	4992		BASF South Africa
Sorghum	African bollworm; Cutworm; Stalkborer	alpha-cypermethrin	SC	100 g/l	Magnum Super SC	7816		Technichem Crop Protection
Sorghum	African bollworm; Stalk borer	alpha-cypermethrin	SC	100 g/l	Polytrin Super 100 SC	7262		Universal Crop Protection
Sorghum	Chilo stemborer, Busseola stalkborer	benfuracarb/lambda-cyhalothrin	EC	200/6 g/l	Benfurathrin EC	8531		Universal Crop Protection
Sorghum	African bollworm; Stalkborer	beta-cyfluthrin	SC	125 g/l	Bulldock Beta 125 SC	7612		Bayer
Sorghum	African bollworm	beta-cypermethrin	EC	100 g/l	Akito	6709		Cropserve/Arysta Lifescience SA
Sorghum	Astylus beetle; Black maize beetle; False wire worm; Nematodes; Stalkborer; Stem maggot	carbofuran	GR	100 g/kg	Alvuran 100 G	4881		Nulandis
Sorghum	Astylus beetle; Black maize beetle; False wire worms; Nematodes; Shootfly; Stalkborer	carbofuran	GR	100 g/kg	Carbodan 10 G	7577		Adama SA
Sorghum	Astylus larvae; Black maize beetle; False wire worms; Nematodes; Shootfly; Stalkborer	carbofuran	GR	100 g/kg	Carbofuran	6649		Volcano Agrosociences
Sorghum	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Shootfly; Stalkborer	carbofuran	GR	100 g/kg	Carbofuran 100 GR	6945		Universal Crop Protection
Sorghum	Astylus beetle larve; Black maize beetle; False wireworms; Nematodes; Shootfly; Stalkborer	carbofuran	GR	100 g/kg	Curaterr 10 GR	871		Bayer
Sorghum	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Shootfly; Stalkborer	carbofuran	GR	100 g/kg	Furadan 10 GR	7558		FMC Chemicals (pty)Ltd
Sorghum	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Shootfly; Stalkborer	carbofuran	GR	100 g/kg	Carbofuran 100 GR	7182		Villa Crop Protection
Sorghum	Fall armyworm	chlorantraniliprole	SC	200 g/l	Coragen	8529	14 days	Du Pont de Nemours Int SA
Sorghum	Fall armyworm	chlorantraniliprole	SC	50 g/l	Prevathon 5 SC	9150	14 days	Du Pont de Nemours Int SA

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Sorghum	Black maize beetle	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Sorghum	Black maize beetle	chlorpyrifos	EC	480 g/l	Agropyrifos 480 EC	4888		Arysta Lifescience SA
Sorghum	Black maize beetle	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	5417		Makhteshim-Agan SA
Sorghum	Black maize beetle	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6272		Arysta Lifescience SA
Sorghum	Black maize beetle	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6350		Universal Crop Protection
Sorghum	Black maize beetle	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	7183		Villa Crop Protection
Sorghum	Black maize beetle	chlorpyrifos	EC	480 g/l	Chlorpyrifos EC	5867		Cropchem
Sorghum	Black maize beetle	chlorpyrifos	EC	480 g/l	Chlorpyrifos	10017		Meridian Agrochemical Co.
Sorghum	Black maize beetle	chlorpyrifos	EC	480 g/l	Dursban 480 EC	5225		Dow AgroSciences SA
Sorghum	Black maize beetle	chlorpyrifos	EC	480 g/l	Lirifos 480 EC	4883		Gouws & Scheepers (Nulandis)
Sorghum	Black maize beetle	chlorpyrifos	EC	480 g/l	Makrofos 480 EC	7973		Makhro-Agro SA
Sorghum	Black maize beetle	chlorpyrifos	EC	480 g/l	Pyrifos 480 EC	6397		Applied Agricultural Products (Nulandis)
Sorghum	Black maize beetle	chlorpyrifos	EC	480 g/l	Pyrinex 480 EC	4673		Adama SA
Sorghum	Black maize beetle	chlorpyrifos	EC	480 g/l	Rochlop 480 EC	5905		Rotam RSA
Sorghum	Black maize beetle	chlorpyrifos	WG	750 g/kg	Dursban 750 WG	6589		Dow AgroSciences SA
Sorghum	Black maize beetle; Fall armyworm	chlorpyrifos/cypermethrin	EC	450/5 g/l	Cyperfos 500EC	7606		Nulandis
Sorghum	African bollworm; Cutworm; Stalkborer	cypermethrin	EC	200 g/l	Avi-Sipermetrin EC	3980		Avima
Sorghum	African bollworm; Stalk borer	cypermethrin	EC	200 g/l	Bitrad Cypermethrin	7014		Bitrad Consulting
Sorghum	African bollworm; Stalk borer	cypermethrin	EC	200 g/l	Cyperin 200 EC	5321		Nulandis
Sorghum	African bollworm; Stalkborer	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4069		Agro-Serve t/a Efekto
Sorghum	African bollworm; Stalk borer	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4644		Universal Crop Protection
Sorghum	African bollworm; Stalkborer	cypermethrin	EC	200 g/l	Doodskoot EC	3285		WPK Landbou
Sorghum	African bollworm; Stalk borer	cypermethrin	EC	200 g/l	Farmag Cypermethrin	3207		Castle Ag-Chem
Sorghum	African bollworm; Cutworm; Stalkborer	cypermethrin	EC	200 g/l	Kemprin 200 EC	3145		Arysta Lifescience SA /Protek
Sorghum	African bollworm; Cutworms; Leafhoppers; Pink stalkborer; Stalkborer	cypermethrin	EC	200 g/l	Polytrin 200 EC	5409		Villa Crop Protection
Sorghum	African bollworm; Stalk borer	cypermethrin	EC	200 g/l	Sipermetrien	4889		Arysta Lifescience SA /Protek
Sorghum	African bollworm; Armyworm	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Sorghum	African bollworm	deltamethrin	EC	25 g/l	Celtis 25 EC	7965		Volcano Agrosience /ta Arysta LS
Sorghum	African bollworm	deltamethrin	EC	25 g/l	Delta-Thrin 25 EC	7263		Universal Crop Protection
Sorghum	African bollworm	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Sorghum	African bollworm	deltamethrin	EC	25 g/l	Deltis 2,5% EC	6511		Almond Agro Chemicals (Pty Ltd)
Sorghum	African bollworm	deltamethrin	EC	25 g/l	Servus	7271		Adama SA
Sorghum	Aphids	demeton-S-methyl	EC	250 g/l	Demeton EC	4852		Universal Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Sorghum	Aphids	demeton-S-methyl	EC	250 g/l	Demeton-S-Methyl	4508		Cropchem
Sorghum	Aphids	demeton-S-methyl	EC	250 g/l	Demetox EC	2057		Avima
Sorghum	Aphids	dimethoate	EC	400 g/l	Butcher	6313		Klub M5
Sorghum	Aphids	dimethoate	EC	400 g/l	Deus 400 EC	7610		Ag-Chem Africa
Sorghum	Aphids	dimethoate	EC	400 g/l	Dimethoate	7059		Volcano Agrosociences
Sorghum	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	4507		Cropchem
Sorghum	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	5367		Tsunami Plant Protection /ta Arysta LS
Sorghum	Aphids	dimethoate	EC	400 g/l	Genoate EC	8195		Villa Crop Protection
Sorghum	African bollworm; Chilo stalkborer; Stalkborer	esfenvalerate	EC	50 g/l	Sumicidin Super	6381		Philagro South Africa
Sorghum	African bollworm	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	4187		Universal Crop Protection
Sorghum	African bollworm	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	4603		Avima
Sorghum	African bollworm	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	7185		Villa Crop Protection
Sorghum	African bollworm; Stalkborer	gamma-cyhalothrin	CS	60 g/l	Vantex 60 CS	7227		Cheminova (Disa Bio-Technologies CC)
Sorghum	Astylus larvae; Black maize beetle; Dusty surface beetle; False wire worm; Ground weevils	imidacloprid	FS	600 g/l	Gaucho 600 FS	6562		Bayer
Sorghum	Astylus larvae; Black maize beetle; Dusty surface beetle; False wire worms; Ground weevils	imidacloprid	WS	700 g/kg	Askari 70 WS	8541		DVA Chemicals SA
Sorghum	Astylus larvae; Black maize beetle; Dusty surface beetle; False wireworm; Ground weevil	imidacloprid	WS	700 g/kg	Imidacloprid 700 WS	8446	55 days	Sharda International Africa CC
Sorghum	Astylus larvae; Black maize beetle; Dusty surface beetle; False wireworm; Ground weevil	imidacloprid	WS	700 g/kg	Sombrero 700 WS	8444		Adama SA
Sorghum	Fall armyworm	indoxacarb	EC	150 g/l	Steward 150 EC	8435	30 days	Du Pont de Nemours Int SA
Sorghum	Fall armyworm	indoxacarb	SC	150 g/l	Addition 150 SC	9146		Villa Crop Protection
Sorghum	Fall armyworm	indoxacarb	SC	150 g/l	Advance 150 SC	9147	42 days	Universal Crop Protection
Sorghum	Fall armyworm	indoxacarb	WG	300 g/kg	Steward	6332	30 days	Du Pont de Nemours Int SA
Sorghum	African bollworm; Stalk borer	lambda-cyhalothrin	EC	50 g/l	Ag-Lambda 50 EC	8472		Ag-Chem Africa
Sorghum	African bollworm; Stalkborer	lambda-cyhalothrin	EC	50 g/l	Attacke	7669		Erintrade CC t/a R.T. Chemicals
Sorghum	African bollworm; Stalkborer	lambda-cyhalothrin	EC	50 g/l	Cylam 50 EC	8261		Gouws & Scheepers
Sorghum	African bollworm; Stalkborer	lambda-cyhalothrin	EC	50 g/l	Insectido 5 EC	8437		DVA Chemicals SA
Sorghum	African bollworm; Stalkborer	lambda-cyhalothrin	EC	50 g/l	Judo 50 EC	7785		Villa Crop Protection
Sorghum	African bollworm; Stalkborer	lambda-cyhalothrin	EC	50 g/l	Lambda 50 EC	7787		Universal Crop Protection
Sorghum	African bollworm; Maize stalkborer	lambda-cyhalothrin	EC	50 g/l	Shamda 50 EC	10258		Sharda International Africa CC
Sorghum	African bollworm; Stalk borer	lambda-cyhalothrin	EC	50g/l	Lamdex 5 EC	7578		Adama SA
Sorghum	Maize stalk borer	lambda-cyhalothrin	EW	50 g/l	Lambada Aquamul	9583		Meridian Agrochemical Co.

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Sorghum	Aphids	mercaptotion	DP	50 g/kg	Merkaptothion DP	4278		Avima
Sorghum	Aphids	mercaptotion/pyrethrins	DP	50/0,4 g/kg	Pythion 5% DP	2124		Avima
Sorghum	African bollworm	methomyl	SL	200 g/l	Methomate 200 SL	8123		Villa Crop Protection
Sorghum	African bollworm	methomyl	SL	200 g/l	Methomex 200 SL	5253		Adama SA
Sorghum	African bollworm	methomyl	SL	200 g/l	Methomyl 200 SL	7100		Universal Crop Protection
Sorghum	African bollworm	methomyl	SL	200 g/l	Mylomex 200 SL	4367		Nulandis
Sorghum	African bollworm	methomyl	SP	900 g/kg	Ciplamyl 90 SP	3436		Cipla Agricare
Sorghum	African bollworm	methomyl	SP	900 g/kg	Kuik 900 SP	5602		Rotam RSA
Sorghum	African bollworm	methomyl	SP	900 g/kg	Lannate 900 SP	2011		Du Pont de Nemours
Sorghum	African bollworm	methomyl	SP	900 g/kg	Masta 900 SP	9449		Arysta Lifescience SA
Sorghum	African bollworm	methomyl	SP	900 g/kg	Methomex 900 SP	5254		Adama SA
Sorghum	African bollworm	methomyl	SP	900 g/kg	Methomyl 100 SP	6873		Tsunami Plant Protection
Sorghum	African bollworm	methomyl	SP	900 g/kg	Methomyl 90 SP	5931		Universal Crop Protection
Sorghum	African bollworm	methomyl	SP	900 g/kg	Methomyl 90 SP	7189		Villa Crop Protection
Sorghum	African bollworm; Fall armyworm	methomyl	SP	900 g/kg	Mylomex 900 SP	4783		Nulandis
Sorghum	Fall armyworm; Stalkborer	methoxyfenozide/spinetoram	SC	360 g/l	Uphold 360 SC	10164	21	Dow Agrosience SA
Sorghum	African bollworm	novaluron	EC	100 g/l	Rimon 10 EC	6285		Adama SA
Sorghum	Aphids	parathion	EC	500 g/l	Avi-Parathion EC	1946		Avima
Sorghum	Aphids	parathion	EC	500 g/l	Parathion 500 EC	4297		Universal Crop Protection
Sorghum	Aphids	pirimicarb	WG	500 g/kg	Apex 500 WDG	8475		Villa Crop Protection
Sorghum	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Sorghum	Aphids	pirimicarb	WG	500 g/kg	Unipex 500 WDG	8474		Universal Crop Protection
Sorghum	Fall armyworm	spinetoram	WG	250 g/l	Delegate 250 WG	8392		Dow AgroSciences SA
Sorghum	Black maize beetle	terbufos	GR	100 g/kg	Counter 100 G	1101		Villa Crop Protection
Sorghum	black maize beetle	terbufos	GR	100 g/kg	Terbufos GR	5927		Universal Crop Protection
Sorghum	Black maize beetle	terbufos	GR	150 g/kg	Bitrad Terbufos 15 GR	7123		Bitrad Consulting
Sorghum	Black maize beetle	terbufos	GR	150 g/kg	Counter FC 15g	5571		Villa Crop Protection
Sorghum	Black maize beetle	terbufos	GR	150 g/kg	Ortofos 15 G	6608		Ortus Chemicals
Sorghum	Black maize beetle	terbufos	GR	150 g/kg	Terbufos 15 GR	6920		Universal Crop Protection
Sorghum	Black maize beetle	terbufos	GR	150 g/kg	Terbufos 15 GR	7186		Villa Crop Protection
Sorghum	Black maize beetle	terbufos	GR	150 g/kg	Terbufos 150	8119		Erintrade CC t/a R.T. Chemicals
Sorghum	Black maize beetle	terbufos	GR	150 g/kg	Terfos 15 G	7582		Volcano Agrosience /ta Arysta LS
Sorghum	False wireworms	thiamethoxam	FS	350 g/l	Cruiser	6288		Syngenta SA
Sorghum	False wireworms	thiamethoxam	FS	600 g/l	Cruiser White	7546		Syngenta SA
Sorghum	Astylus beetle larvae; Black maize beetle; False wireworms	thiodicarb	FS	500 g/l	Semevin 500	4451		Bayer
Sorghum	African bollworm; Cutworm; Stalkborer	zeta-cypermethrin	EW	100 g/l	Fury 10 EW	6696		FMC

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Sorghum	African bollworm; Stalk borer	alpha-cypermethrin	EC	100 g/l	Sentry EC	7966		Volcano Agrosience /ta Arysta LS
Sorghum	African bollworm; Stalkborer	alpha-cypermethrin	SC	100 g/l	Ag-Alpha Cyper 100 SC	8473		Ag-Chem Africa
Sorghum	Chilo stalkborer; Stalkborer	benfuracarb	EC	200 g/l	Action EC	8280		Universal Crop Protection
Sorghum	Chilo stalkborer; Stalkborer	benfuracarb	EC	200 g/l	Stalker	7914		Meridian Agrochemical Co.
Sorghum	Chilo stalkborer; Stalkborer	benfuracarb	EC	200 g/l	Stamex EC	8279		Villa Crop Protection
Sorghum	Chilo stalkborer; Fall armyworm; Stalkborer	benfuracarb/fenvalerate	EC	200/20 g/l	Oncol Super 220 EC	7649	28	Dow AgroSciences SA
Sorghum	Chilo stalkborer; Stalkborer	benfuracarb/lambda-cyhalothrin	EC	200/6 g/l	Arena EC	8532		Villa Crop Protection
Sorghum	Chilo stalkborer; Stalkborer	benfuracarb/lambda-cyhalothrin	EC	200/6 g/l	Benfurathrin 206 EC	8531		Universal Crop Protection
Sorghum	Chilo stalkborer; Stalkborer	benfuracarb/lambda-cyhalothrin	EC	200/6 g/l	Benfurathrin EC	8531		Universal Crop Protection
Sorghum	African bollworm; Army worm; Chilo stalkborer; Cutworm; Stalk borer	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Sorghum	African bollworm; Stalkborer	cypermethrin	EC	200 g/l	Ag-Cypermethrin 200 EC	8491		Ag-Chem Africa
Sorghum	African bollworm; Stalk borer	cypermethrin	EC	200 g/l	Chanrai Cypermethrin 200 EC	8843		Chanrai SA
Sorghum	African bollworm; Stalk borer	cypermethrin	EC	200 g/l	Cypermethrin	7851		Arysta Lifescience SA
Sorghum	African bollworm	deltamethrin	EC	25 g/l	Ag-Deltamethrin 25 EC	8492		Ag-Chem Africa
Sorghum	Aphids	dimethoate	EC	400 g/l	Danadim Progress	8868		Cheminova (Disa Bio-Technologies CC)
Sorghum	Aphids	dimethoate	EC	400 g/l	Dimethoate	4823		Wenkem
Sorghum	Aphids	dimethoate	EC	400 g/l	Dimethoate	8455		Universal Crop Protection
Sorghum	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	7940		Makhro-Agro SA
Sorghum	Aphids	dimethoate	EC	400 g/l	Dimeto 40 EC	1042		Avima
Sorghum	African bollworm; Chilo stalkborer; Stalkborer	esfenvalerate	EC	200 g/l	Sumi-Alpha 200 EC	6452		Philagro South Africa
Sorghum	African bollworm; Chilo stalkborer; Stalkborer	esfenvalerate	EW	200 g/l	Sumi-Alpha 200 EW	8821		Philagro South Africa
Sorghum	Astylus larvae; Black maize beetle; Dusty surface beetle; False wire worm; Ground weevils	imidacloprid	FS	350 g/l	Exseed 350 FS	7870		Bayer
Sorghum	Astylus larvae; Black maize beetle; Dusty surface beetle; False wire worm; Ground weevils	imidacloprid	FS	350 g/l	Gaucho 350 FS	7849		Bayer
Sorghum	Astylus larvae; Black maize beetle; Dusty surface beetle; False wire worm; Ground weevils	imidacloprid	WS	700 g/kg	Courage 700 WS	8002		Volcano Agrosience /ta Arysta LS
Sorghum	Astylus larvae; Black maize beetle; Dusty surface beetle; False wire worm; Ground weevils	imidacloprid	WS	700 g/kg	Picus 70 WS	7762		Cheminova

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Sorghum	Astylus larvae; Black maize beetle; Dusty surface beetle; False wire worm; Ground weevils	imidacloprid	WS	700 g/kg	Picus 70 WS	8381		Chemnova
Sorghum	Astylus larvae; Black maize beetle; Dusty surface beetle; False wire worm; Ground weevils	imidacloprid	WS	700 g/kg	Stallion	7991		Tsunami Plant Protection /ta Arysta LS
Sorghum	African bollworm; Stalkborer	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Sorghum	Stalkborer	lambda-cyhalothrin	CS	106 g/l	Judo Secure 106 CS	8938	28 days	Villa Crop Protection
Sorghum	Stalkborer	lambda-cyhalothrin	CS	106 g/l	Lambda Secure 106 CS	8939	7 days	Universal Crop Protection
Sorghum	African bollworm; Stalk borer	lambda-cyhalothrin	CS	50 g/l	Karis 5 CS	9267		GAT Microencapsulation SA
Sorghum	African bollworm; Stalkborer	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Sorghum	African bollworm; Stalkborer	lambda-cyhalothrin	EC	50 g/l	Lambda EC	8546		Arysta Lifescience SA
Sorghum	African bollworm; Stalkborer	lambda-cyhalothrin	EC	50 g/l	Makhrolam 5 EC	8141		Makhro-Agro SA
Sorghum	Astylus beetle; Fall armyworm	mercaptotion	EC	500 g/l	Datathion 500 EC	828		Nulandis
Sorghum	African bollworm	methomyl	SP	900 g/kg	Makhromex 900 SP	8140		Makhro-Agro SA
Sorghum	African bollworm	methomyl	SP	900 g/kg	Spitfire 900 SP	8197	7 days	Bitrad Consulting
Sorghum	False wireworms	thiamethoxam	WS	700 g/kg	Tacoma 700 WG	8857		Arysta Lifescience SA
Soy beans	Bacterial legume inoculant	Bradyrhizobium japonicum	SC	2x10(9) cfu/ml	Nitro-Liq Soybean	8986		Natrol
Spinach	Carmine spider mite; Leafminers; Red spider mite	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Spinach	African bollworm	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Spinach	African bollworm; Semi-looper	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Spinach	African bollworm; Armyworms	emamectin benzoate	WG	50 g/kg	Proclaim	7581		Syngenta SA
Spinach	Nematodes	ethoprophos	GR	150 g/kg	Mocap GR	6985		Villa Crop Protection
Spinach	Nematodes	ethoprophos	GR	150 g/kg	Phoscap 15 GR	9119		Universal Crop Protection
Spinach	Nematodes	ethoprophos	GR	150 g/kg	Procap 15 GR	9118		Villa Crop Protection
Spinach	African bollworm; Fall armyworm	flubendiamide	SC	480 g/l	Belt	8860		Bayer
Spinach	African bollworm	methoxyfenozide	SC	240 g/l	Runner 240 SC	7779		Dow AgroSciences SA
Spinach	Aphids	mevinphos	EC	150 g/l	Mevinfos EC	4315		Universal Crop Protection
Spinach	Aphids	mevinphos	EC	240 g/l	Phosdrin 240 EC	7267		Universal Crop Protection
Spinach	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Spinach	Aphids; Whitefly	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Spinach	African bollworm; American leafminer; Thrips	spinosad	SC	120 g/l	Eco Insect Control	7232		Agro-Serve t/a Efekto
Spinach	African bollworm; American leafminer; Thrips	spinosad	SC	480 g/l	Tracer 480 SC	6557		Dow AgroSciences SA
Spinach	African bollworm; American leafminer; Thrips; Tomato leafminer	spinosad	WP	800 g/kg	Entrust Naturalyte 800 WP	7389		Dow AgroSciences SA
Spinach	Aphids	spirotetramat	SC	240 g/l	Movento	8559		Bayer
Spinach	Aphids; Leafhoppers; Whitefly	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Star apples	Mealybugs; Thrips; Whitefly	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Storage premises	Storage pests	aluminium phosphide	FU	560 g/kg	Aluphos 560 Pellets	10178		Universal Crop Protection
Storage premises	Storage pests	aluminium phosphide	FU	560 g/kg	Aluphos 560 Sachets	10192		Universal Crop Protection
Storage premises	Storage pests	aluminium phosphide	FU	560 g/kg	Aluphos 560 Tablets	10201		Universal Crop Protection
Storage premises	Storage pests	aluminium phosphide	FU	560 g/kg	Weeviphos 560 Pellets	10194		Villa Crop Protection
Storage premises	Storage pests	aluminium phosphide	FU	560 g/kg	Weeviphos 560 Sachets	10193		Villa Crop Protection
Storage premises	Storage pests	aluminium phosphide	FU	560 g/kg	Weeviphos 560 Tablets	10202		Villa Crop Protection
Storage premises	Gerbilles; Moles; Porcupines; Rodents	aluminium phosphide	FU	570 g/kg	Farm-Ag Aluminium Phosphide	10024		Cedar Falls Properties 130
Storage premises	Not mentioned in text	magnesium phosphide	FU-O	607 g/kg	Degesch Plates	1113		Degesch SA
Stored grain	Storage pests	fipronil/lambda cyhalothrin	SC	182/18 g/l	Reward 200 Super	9663		Universal Crop Protection
Stored products	Not mentioned in text	mercaptotion/permethrin	DP	1,5/10 g/kg	Grain Guard	7911		Avima
Stored products	Not mentioned in text	mercaptotion/permethrin	DP	10/1,5 g/kg	Grain Treat	8608		Kombat
Stored products	Grain borers, Grain weevils, Meal moths	permethrin/pirimiphos-methyl	DP	4/16 g/kg	Super Guard Dust	8057		Avima
Strawberries	Nematodes; Wireworm	1,3-dichloropropene/chloropicrin	FU	390/596 g/kg	Tri-Form 60	9839		Trical Crop Protection Africa
Strawberries	Red spider mite	abamectin	EC	18 g/l	Abalone 18 EC	7458		Tsunami Plant Protection /ta Arysta LS
Strawberries	Red spider mite	abamectin	EC	18 g/l	Abamectin Plus	5888		RT Chemicals
Strawberries	Red spider mite	abamectin	EC	18 g/l	Agriec 018 EC	3209		Syngenta SA
Strawberries	Red spider mite	abamectin	EC	18 g/l	Agromectin	6798		Arysta Lifescience SA
Strawberries	Red spider mite	abamectin	EC	18 g/l	Avemit	7783		Plaaskem
Strawberries	Red spider mite	abamectin	EC	18 g/l	Biomectin	7979		Villa Crop Protection
Strawberries	Red spider mite	abamectin	EC	18 g/l	Makhromectin	7941		Makhro-Agro SA
Strawberries	Red spider mite	abamectin	EC	18 g/l	Mecti	7008		Plaaskem
Strawberries	Red spider mite	abamectin	EC	18 g/l	Mitemex	7417		Small Pack Solution
Strawberries	Red spider mite	abamectin	EC	18 g/l	Miticide	8501		Kombat
Strawberries	Red spider mite	abamectin	EC	18 g/l	Sanamectin 18 EC	5928		Dow AgroSciences SA
Strawberries	Red spider mite	abamectin	EC	18 g/l	Unimectin 18 EC	7978		Universal Crop Protection
Strawberries	Red spider mite	abamectin	EC	36 g/l	Zoro 36 EC	8712		Cheminova
Strawberries	Red spider mite	abamectin	SC	84 g/l	Agriec Gold	9235		Syngenta SA
Strawberries	Spider mites	azadirachtin	SL	3 g/l	Absolute Neem Oil	9317		Absolute Neem Agricultural Spray & Adjuvants
Strawberries	African bollworm	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Strawberries	African bollworm; Semi-looper	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Strawberries	Red spider mite; White fly	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Strawberries	Aphids	dimethoate	EC	400 g/l	Aphicide	528		Agro-Serve t/a Efekto

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Strawberries	Aphids	dimethoate	EC	400 g/l	Danadim Progress	8868		Chemnova (Disa Bio-Technologies CC)
Strawberries	Aphids	dimethoate	EC	400 g/l	Deus 400 EC	7610		Ag-Chem Africa
Strawberries	Aphids	dimethoate	EC	400 g/l	Dimethoate	4823		Wenkem
Strawberries	Aphids	dimethoate	EC	400 g/l	Dimethoate	7059		Volcano Agrosociences
Strawberries	Aphids	dimethoate	EC	400 g/l	Dimethoate	8455		Universal Crop Protection
Strawberries	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	4507		Cropchem
Strawberries	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	5367		Tsunami Plant Protection /ta Arysta LS
Strawberries	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	7940		Makhro-Agro SA
Strawberries	Aphids	dimethoate	EC	400 g/l	Dimeto 40 EC	1042		Avima
Strawberries	Aphids	dimethoate	EC	400 g/l	Genoate EC	8195		Villa Crop Protection
Strawberries	African bollworm	emamectin benzoate	WG	50 g/kg	Proclaim	7581		Syngenta SA
Strawberries	Weevils	Heterorhabditis bacteriophora	WP	5x10(7) ljs/sachet	Cryptonem	9251		River Bioscience
Strawberries	Red spider mite	milbemectin	EC	10 g/l	Milbeknock 1% EC	6654		Sumitomo Corporation/Protek
Strawberries	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Strawberries	Red spider mite	propargite	WP	300 g/kg	Omite 30 SP	1578		Chemtura
Strawberries	African bollworm; Thrips; Western flower thrips	spinetoram	WG	250 g/l	Delegate 250 WG	8392		Dow AgroSciences SA
Strawberries	African bollworm; Thrips	spinosad	SC	480 g/l	Tracer 480 SC	6557		Dow AgroSciences SA
Strawberries	Aphids; Leafhoppers; Whitefly	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Sugarcane	Aphids; Thrips	acetamiprid	SP	200 g/kg	Allice 20 SP	8723		Arysta Lifescience SA
Sugarcane	Thrips	acetamiprid	SP	200 g/kg	Wonderland 200 SP	10057		Cedar Falls Properties 130
Sugarcane	Eldana saccharina	alpha-cypermethrin	EC	100 g/l	Fastac EC	4991		BASF South Africa
Sugarcane	Eldana borer	alpha-cypermethrin	SC	100 g/l	Fastac SC	4992		BASF South Africa
Sugarcane	Nematodes	carbofuran	GR	100 g/kg	Alvuran 100 G	4881		Nulandis
Sugarcane	Nematodes	carbofuran	GR	100 g/kg	Carbodan 10 G	7577		Adama SA
Sugarcane	Nematodes	carbofuran	GR	100 g/kg	Carbofuran	6649		Volcano Agrosociences
Sugarcane	Nematodes	carbofuran	GR	100 g/kg	Carbofuran 10 GR	8547		Tsunami Plant Protection /ta Arysta LS
Sugarcane	Nematodes	carbofuran	GR	100 g/kg	Carbofuran 100 GR	6945		Universal Crop Protection
Sugarcane	Nematodes	carbofuran	GR	100 g/kg	Curaterr 10 GR	871		Bayer
Sugarcane	Nematodes	carbofuran	GR	100 g/kg	Furadan 10 GR	7558		FMC Chemicals (pty)Ltd
Sugarcane	Nematodes	carbofuran	GR	100 g/kg	Carbofuran 100 GR	7182		Villa Crop Protection
Sugarcane	Eldana borer; Fall armyworm	chlorantraniliprole	SC	200 g/l	Coragen	8529	23 days	Du Pont de Nemours Int SA
Sugarcane	Sugarcane borer	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Sugarcane	Nematodes	furfural	EC	800 g/l	Crop Guard 80	9253		Illovo Sugar Ltd
Sugarcane	Nematodes	furfural	EC	900 g/l	Crop Guard	6864		Illovo Sugar Ltd
Sugarcane	Thrips	imidacloprid	SC	350 g/l	Apache 350 SC	9457		Cedar Falls Properties 130

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Sugarcane	Thrips	imidacloprid	SC	350 g/l	Bandit 350 SC	8001		Arysta Lifescience SA
Sugarcane	Thrips	imidacloprid	SC	350 g/l	Kohinor 350 SC	8447		Adama SA
Sugarcane	Eldana borer; Fall armyworm	indoxacarb	EC	150 g/l	Steward 150 EC	8435	28 days	Du Pont de Nemours Int SA
Sugarcane	Eldana borer	indoxacarb	SC	300 g/l	Doxstar Flo	9884		Meridian Agrochemical Co.
Sugarcane	Leafhoppers	mercaptotion	DP	50 g/kg	Merkaptothion DP	4278		Avima
Sugarcane	Leafhoppers	mercaptotion/pyrethrins	DP	50/0,4 g/kg	Pythion 5% DP	2124		Avima
Sugarcane	Nematodes	oxamyl	GR	100 g/kg	Blockade G	7552		Klub M5
Sugarcane	Nematodes	oxamyl	GR	100 g/kg	Foxamyl 10 G	9877		Cedar Falls Properties 130
Sugarcane	Nematodes	oxamyl	GR	100 g/kg	Oxagran 100 GR	6406		Nialcor
Sugarcane	Nematodes	oxamyl	GR	100 g/kg	Vydate 100 GR	3945		Du Pont de Nemours Int SA
Sugarcane	Nematodes	oxamyl	SL	310 g/l	Blockade SL	7345		Klub M5
Sugarcane	Nematodes	oxamyl	SL	310 g/l	Foxamyl 310 SL	9883		Cedar Falls Properties 130
Sugarcane	Nematodes	oxamyl	SL	310 g/l	Oxadate	7588		Arysta Lifescience SA
Sugarcane	Nematodes	oxamyl	SL	310 g/l	Oxatak SL	7589		Meridian Agrochemical Co.
Sugarcane	Nematodes	oxamyl	SL	310 g/l	Vigour 310 SL	8088		Ag-Chem Africa
Sugarcane	Nematodes; Thrips	oxamyl	SL	310 g/l	Vydate SL	5057		Du Pont de Nemours Int SA
Sunflowers	African bollworm; Semi-looper	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences
Sunflowers	Nematodes	carbofuran	GR	100 g/kg	Alvuran 100 G	4881		Nulandis
Sunflowers	Nematodes	carbofuran	GR	100 g/kg	Carbofuran	6649		Volcano Agrosociences
Sunflowers	Nematodes	carbofuran	GR	100 g/kg	Carbofuran 100 GR	6945		Universal Crop Protection
Sunflowers	Nematodes	carbofuran	GR	100 g/kg	Curaterr 10 GR	871		Bayer
Sunflowers	Nematodes	carbofuran	GR	100 g/kg	Furadan 10 GR	7558		FMC Chemicals (pty)Ltd
Sunflowers	Nematodes	carbofuran	GR	100 g/kg	Carbofuran 100 GR	7182		Villa Crop Protection
Sunflowers	African bollworm	esfenvalerate	EC	200 g/l	Sumi-Alpha 200 EC	6452		Philagro South Africa
Sunflowers	African bollworm	esfenvalerate	EC	50 g/l	Sumicidin Super	6381		Philagro South Africa
Sunflowers	African bollworm	esfenvalerate	EW	200 g/l	Sumi-Alpha 200 EW	8821		Philagro South Africa
Sunflowers	African bollworm	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	4187		Universal Crop Protection
Sunflowers	African bollworm	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	4603		Avima
Sunflowers	African bollworm	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	7185		Villa Crop Protection
Sunflowers	Ground weevils	imidacloprid	FS	350 g/l	Exseed 350 FS	7870		Bayer
Sunflowers	Ground weevils	imidacloprid	FS	350 g/l	Gaucho 350 FS	7849		Bayer
Sunflowers	Ground weevils	imidacloprid	FS	600 g/l	Gaucho 600 FS	6562		Bayer
Sunflowers	Ground weevils	imidacloprid	FS	700 g/kg	Sombrero 700 WS	8444		Adama SA
Sunflowers	Ground weevils	imidacloprid	WS	700 g/kg	Askari 70 WS	8541		DVA Chemicals SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Sunflowers	Ground weevils	imidacloprid	WS	700 g/kg	Courage 700 WS	8002		Volcano Agrosience /ta Arysta LS
Sunflowers	African bollworm	methomyl	SP	900 g/kg	Ciplamyl 90 SP	3436		Cipla Agricare
Sunflowers	African bollworm	methomyl	SP	900 g/kg	Kuik 900 SP	5602		Rotam RSA
Sunflowers	African bollworm	methomyl	SP	900 g/kg	Lannate 900 SP	2011		Du Pont de Nemours
Sunflowers	African bollworm	methomyl	SP	900 g/kg	Spitfire 900 SP	8197	28 days	Bitrad Consulting
Sunflowers	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	100 g/kg	Counter 100 G	1101		Villa Crop Protection
Sunflowers	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	100 g/kg	Terbufos GR	5927		Universal Crop Protection
Sunflowers	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Bitrad Terbufos 15 GR	7123		Bitrad Consulting
Sunflowers	Astylus beetle; Black maize beetle; False wireworm; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Counter FC 15g	5571		Villa Crop Protection
Sunflowers	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Ortofos 15 G	6608		Ortus Chemicals
Sunflowers	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Terbufos 15 GR	6920		Universal Crop Protection
Sunflowers	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Terbufos 15 GR	7186		Villa Crop Protection
Sunflowers	Astylus beetle; Black maize beetle; False wireworms; Nematodes; Rootworm; Wireworm	terbufos	GR	150 g/kg	Terfos 15 G	7582		Volcano Agrosience /ta Arysta LS
Sunflowers	Ground weevils	thiamethoxam	FS	350 g/l	Cruiser	6288		Syngenta SA
Sunflowers	Ground weevils	thiamethoxam	FS	600 g/l	Cruiser White	7546		Syngenta SA
Sweet potato	Fruit sucking bug; Stinkbug	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Sweet potatoes	Leafminers; Red spider mite	abamectin	SC	84 g/l	Agrimec Gold	9235		Syngenta SA
Sweet potatoes	African bollworm; Army worms; Cutworms; Leafminers; Potato tuber moth; Semi-loopers; Stink bugs; Thrips; Whitefly	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Sweet potatoes	Hawk moth; Leafminers; Weevil	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Sweet potatoes	Hawk moth; Leafminers; Weevil	deltamethrin	EC	25 g/l	Celtis 25 EC	7965		Volcano Agrosience /ta Arysta LS
Sweet potatoes	Hawk moth; Leafminers; Weevil	deltamethrin	EC	25 g/l	Delta-Thrin 25 EC	7263		Universal Crop Protection
Sweet potatoes	Hawk moth; Leafminers; Weevil	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Sweet potatoes	Hawk moth; Leafminers; Weevil	deltamethrin	EC	25 g/l	Deltis 2,5% EC	6511		Almond Agro Chemicals (Pty Ltd)
Sweet potatoes	Aphids	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Sweetcorn	African bollworm; Cutworm; Pink stalkborer; Stalkborer	alpha-cypermethrin	SC	100 g/l	Magnum Super SC	7816		Technichem Crop Protection
Sweetcorn	African bollworm; Army worm	emamectin benzoate	EW	20 g/l	Promec 20 EW	9729	3 days	Meridian Agrochemical Co.
Sweetcorn	Armyworm; Fall armyworm	emamectin benzoate	WG	50 g/kg	Vitex 50	9525	3 days	Meridian Agrochemical Co.
Sweetcorn	African bollworm; Sorghum stalkborer; Stalkborer	lambda-cyhalothrin	EC	50 g/l	Insectido 5 EC	8437		DVA Chemicals SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Tea	False codling moth	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Tea	False codling moth	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Tea	Mites	tetradifon	EC	81 g/l	Tedion V-18 EC	5482		Crompton Chemical
Tea	Mites	tetradifon	EC	81 g/l	Tedion EC	926		Avima
Tea	Mites	tetradifon	EC	81 g/l	Tedion V-18	3236		Applied Agricultural Products (Plaaskem)
Tobacco	Nematodes; Wireworm	1,3-dichloropropene/chloropicrin	FU	390/596 g/kg	Tri-Form 60	9839		Trical Crop Protection Africa
Tobacco	African bollworm; Aphids; Cutworm; Leafminer; Slug	acephate	SP	750 g/kg	Ace 750 SP	4175		Nulandis
Tobacco	African bollworm; Aphids; Cutworm; Leafminer; Slug	acephate	SP	750 g/kg	Acephate 750 SP	6473		Universal Crop Protection
Tobacco	African bollworm; Aphids; Cutworm; Leafminer; Slug	acephate	SP	750 g/kg	Acephate 750 SP	7181		Villa Crop Protection
Tobacco	African bollworm; Aphids; Cutworm; Leafminer; Slug	acephate	SP	750 g/kg	Bitrad Acephate	7013		Bitrad Consulting
Tobacco	African bollworm; Aphids; Cutworm; Leafminer; Slug	acephate	SP	750 g/kg	Gremlin 75 SP	8130		Volcano Agrosiences
Tobacco	African bollworm; Aphids; Cutworm; Leafminer; Slug	acephate	SP	750 g/kg	Orthene	190		Volcano Agrosience /ta Arysta LS
Tobacco	African bollworm; Aphids; Cutworms; Leafminers; Leaf eating insects; Slug	acephate	SP	750 g/kg	Racet 750 SP	5607		Rotam RSA
Tobacco	Storage pests	aluminium phosphide	FU	570 g/kg	Farm-Ag Aluminium Phosphide	10024		Cedar Falls Properties 130
Tobacco	Storage pests	aluminium phosphide	GE - pellets	560 g/kg	Gastoxin Pellets	5376		Bernardo Chemicals
Tobacco	Storage pests	aluminium phosphide	GE - tablet	570 g/kg	Aluminium Phosphide TB	8214		Volcano Agrosience /ta Arysta LS
Tobacco	Storage pests	aluminium phosphide	GE-pellet	560 g/kg	Aluminium Phosphide Pellets	6279		RT Chemicals
Tobacco	Storage pests	aluminium phosphide	GE-Pellet	560 g/kg	Fumaphos Pellets	4799		National Fumigants
Tobacco	Storage pests	aluminium phosphide	GE-Pellet	560 g/kg	Phosgard Pellets	6018		National Fumigants
Tobacco	Storage pests	aluminium phosphide	GE-pellet	560 g/kg	Phostoxin Pellets	729		Degesch SA
Tobacco	Storage pests	aluminium phosphide	GE-sachet	560 g/kg	Aluminium Phosphide Sachets	6278		RT Chemicals
Tobacco	Storage pests	aluminium phosphide	GE-Sachet	560 g/kg	Fumaphos Sachets	5289		National Fumigants
Tobacco	Storage pests	aluminium phosphide	GE-sachet	560 g/kg	Gastoxin Sachets	5028		Bernardo Chemicals
Tobacco	Storage pests	aluminium phosphide	GE-Sachet	560 g/kg	Phosgard Sachets	6017		National Fumigants
Tobacco	Storage pests	aluminium phosphide	GE-Sachet	560 g/kg	Quickphos Bags	7499		Coopers Environmental Science

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Tobacco	Storage pests	aluminium phosphide	GE- Tablet	560 g/kg	Aluminium Phosphide Tablets	6277		RT Chemicals
Tobacco	Storage pests	aluminium phosphide	GE- Tablet	560 g/kg	Fumagard Tablets	4378		National Fumigants
Tobacco	Storage pests	aluminium phosphide	GE- Tablet	560 g/kg	Fumaphos Tablets	5290		National Fumigants
Tobacco	Storage pests	aluminium phosphide	GE- Tablet	560 g/kg	Gastoxin Tablets	5377		Bernardo Chemicals
Tobacco	Storage pests	aluminium phosphide	GE- Tablet	560 g/kg	Quickphos Tablets	7501		Coopers Environmental Science
Tobacco	African bollworm	beta-cyfluthrin	GR	0,5 g/kg	Bulldock 0,05 GR	4540		Bayer
Tobacco	Nematodes	cadusafos	EW	100 g/l	Rugby 10 ME	6368		FMC
Tobacco	Nematodes	cadusafos	GR	100 g/kg	Rugby 10 G	4110		FMC SA
Tobacco	African bollworm; Slug	carbaryl	DP	50 g/kg	Ayi-Carbo DP	1703		Avima
Tobacco	African bollworm; Slug	carbaryl	DP	50 g/kg	Carbaryl Dust 50 DP	7627		Universal Crop Protection
Tobacco	African bollworm; Slug	carbaryl	DP	50 g/kg	Karbachick	8610		Kombat
Tobacco	African bollworm; Slug	carbaryl	DP	50 g/kg	Karbapet	8611		Kombat
Tobacco	African bollworm; Slug	carbaryl	DP	50 g/kg	Karbapet	8611		Kombat
Tobacco	African bollworm; Slug	carbaryl	SC	480g/l	Sevin XLR Plus	5783		Universal Crop Protection
Tobacco	African bollworm; Slug	carbaryl	WP	850 g/kg	Carbaryl	3250		Kombat
Tobacco	African bollworm; Slug	carbaryl	WP	850 g/kg	Carbaryl 850 WP	7626		Universal Crop Protection
Tobacco	African bollworm; Slug	carbaryl	WP	850 g/kg	Karba 850 WP	1195		Villa Crop Protection
Tobacco	African bollworm; Slug	carbaryl	WP	850 g/kg	Kombat Karbacure	3243		Kombat
Tobacco	African bollworm; Thrips	carbofuran	GR	100 g/kg	Alvuran 100 G	4881		Nulandis
Tobacco	African bollworm; Thrips	carbofuran	GR	100 g/kg	Carbodan 10 G	7577		Adama SA
Tobacco	African bollworm; Thrips	carbofuran	GR	100 g/kg	Carbofuran	6649		Volcano Agrosiences
Tobacco	African bollworm; Thrips	carbofuran	GR	100 g/kg	Carbofuran 100 GR	6945		Universal Crop Protection
Tobacco	African bollworm; Thrips	carbofuran	GR	100 g/kg	Curaterr 10 GR	871		Bayer
Tobacco	African bollworm; Thrips	carbofuran	GR	100 g/kg	Furadan 10 GR	7558		FMC Chemicals (pty)Ltd
Tobacco	African bollworm; Thrips	carbofuran	GR	100 g/kg	Carbofuran 100 GR	7182		Villa Crop Protection
Tobacco	Storage pests	carbon dioxide/ethylene oxide	GA	100/900 g/kg	Etox	1508		Degesch SA
Tobacco	Tomato leaf miner moth	chlorantraniliprole	SC	50 g/l	Prevathon 5 SC	9150	28 days	Du Pont de Nemours Int SA
Tobacco	Leafminer	chlorantraniliprole/lambda- cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Tobacco	Cutworms; Wireworms	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Tobacco	Cutworm; Wire worm	chlorpyrifos	EC	480 g/l	Agropyrifos 480 EC	4888		Arysta Lifescience SA
Tobacco	Cutworms; Wireworms	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	5417		Makhteshim-Agan SA
Tobacco	Cutworms; Wireworms	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6272		Arysta Lifescience SA
Tobacco	Cutworm; Wire worm	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6350		Universal Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Tobacco	Cutworms; Wireworms	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	7183		Villa Crop Protection
Tobacco	Cutworm; Wire worm	chlorpyrifos	EC	480 g/l	Chlorpyrifos EC	5867		Cropchem
Tobacco	Cutworms; Wireworms	chlorpyrifos	EC	480 g/l	Lirifos 480 EC	4883		Gouws & Scheepers (Nulandis)
Tobacco	Cutworm; Wire worm	chlorpyrifos	EC	480 g/l	Makhrofos 480 EC	7973		Makhro-Agro SA
Tobacco	Cutworm; Wire worm	chlorpyrifos	EC	480 g/l	Pyrifos 480 EC	6397		Applied Agricultural Products (Nulandis)
Tobacco	Cutworm; Wire worm	chlorpyrifos	EC	480 g/l	Pyrinex 480 EC	4673		Adama SA
Tobacco	Cutworm; Wire worms	chlorpyrifos	EC	480 g/l	Rochlop 480 EC	5905		Rotam RSA
Tobacco	Cutworms; Wireworms	chlorpyrifos	WG	750 g/kg	Dursban 750 WG	6589	50 days	Dow AgroSciences SA
Tobacco	Storage pests	deltamethrin	SC	50 g/l	Deltabak	4574		Bayer ES
Tobacco	Aphids	dimethoate	EC	400 g/l	Danadim Progress	8868		Cheminova (Disa Bio-Technologies CC)
Tobacco	Aphids	dimethoate	EC	400 g/l	Dimethoate	4823		Wenkem
Tobacco	Aphids	dimethoate	EC	400 g/l	Dimethoate	7059		Volcano Agrosciences
Tobacco	Aphids	dimethoate	EC	400 g/l	Dimethoate	8455		Universal Crop Protection
Tobacco	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	4507		Cropchem
Tobacco	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	5367		Tsunami Plant Protection /ta Arysta LS
Tobacco	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	7940		Makhro-Agro SA
Tobacco	Aphids	dimethoate	EC	400 g/l	Dimeto 40 EC	1042		Avima
Tobacco	Aphids	dimethoate	EC	400 g/l	Genoate EC	8195		Villa Crop Protection
Tobacco	Nematodes	ethoprophos	GR	150 g/kg	Mocap GR	6985		Villa Crop Protection
Tobacco	Nematodes	ethoprophos	GR	150 g/kg	Phoscap 15 GR	9119		Universal Crop Protection
Tobacco	Nematodes	ethoprophos	GR	150 g/kg	Procap 15 GR	9118		Villa Crop Protection
Tobacco	Nematodes; Spider mites	fenamiphos	CS	240 g/l	Nemacur 240 CS	7247		Villa Crop Protection
Tobacco	Nematodes; Tobacco spider mite	fenamiphos	EC	400 g/l	Atador	7167		Erintrade CC t/a R.T. Chemicals
Tobacco	Nematodes; Tobacco spider mite	fenamiphos	EC	400 g/l	Fenamiphos 400 EC	7647		Universal Crop Protection
Tobacco	Nematodes; Spider mite	fenamiphos	EC	400 g/l	Fenamiphos EC	9196		Arysta Lifescience SA
Tobacco	Nematodes; Tobacco spider mite	fenamiphos	EC	400 g/l	Nemacur 400 EC	367		Villa Crop Protection
Tobacco	Nematodes; Tobacco spider mite	fenamiphos	EC	400 g/l	Spitfire 400 EC	7646		Villa Crop Protection
Tobacco	Nematodes	fenamiphos	GR	100 g/kg	Nemacur 10 GR	2056		Villa Crop Protection
Tobacco	African bollworm; Tomato leafminer	flubendiamide	SC	480 g/l	Belt	8860		Bayer
Tobacco	Nematodes	fluopyram	SC	400 g/l	Velum Prime 400 SC	9965		Bayer
Tobacco	Nematodes	fluopyram	SC	500 g/l	Velum Prime	9565		Bayer
Tobacco	Nematodes	fosthiazate	EC	900g/l	Nemathorin 900 EC	5612	85 days	ISK Biosciences (Disa Biotechnologies CC)
Tobacco	Nematodes	furfural	EC	800 g/l	Crop Guard 80	9253		Illovo Sugar Ltd
Tobacco	Nematodes	furfural	EC	900 g/l	Crop Guard	6864		Illovo Sugar Ltd
Tobacco	Aphids; Slug	imidacloprid	SC	350 g/l	Bandit 350 SC	8001		Arysta Lifescience SA
Tobacco	Aphids; Slug	imidacloprid	SC	350 g/l	Complete 350 SC	9024		Arysta Lifescience SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Tobacco	Aphids; Tobacco slug	imidacloprid	SC	350 g/l	Confidor 350 SC	5691		Bayer
Tobacco	Aphids; Slug	imidacloprid	SC	350 g/l	Kohinor 350 SC	8447		Adama SA
Tobacco	Aphids; Tobacco slug	imidacloprid	SC	350 g/l	Novacloprid 350 SC	8238		Nova Agro
Tobacco	Aphids; Tobacco slug	imidacloprid	SC	350 g/l	Provado 350 SC	7740		Bayer
Tobacco	Aphids; Tobacco slug	imidacloprid	SC	350 g/l	Warrant 350 SC	7729		Cheminova
Tobacco	Aphids; Slug	imidacloprid	WG	700 g/kg	Confidor 70 WG	7240		Bayer
Tobacco	African bollworm; Leafminer	indoxacarb	EC	150 g/l	Avaunt 150 EC	8623		Du Pont de Nemours
Tobacco	African bollworm; Tomato leafminer	indoxacarb	EC	150 g/l	Steward 150 EC	8435	28 days	Du Pont de Nemours Int SA
Tobacco	Potato tuber moth	indoxacarb	SC	150 g/l	Addition 150 SC	9146		Villa Crop Protection
Tobacco	Potato tuber moth	indoxacarb	SC	150 g/l	Advance 150 SC	9147	42 days	Universal Crop Protection
Tobacco	Potato tuber moth (Tobacco leafminer)	indoxacarb	WG	300 g/kg	Indo 300 WDG	9025		Crop Asure
Tobacco	Potato tuber moth (Tobacco leafminer)	indoxacarb	WG	300 g/kg	Margin 300 WDG	9009		Villa Crop Protection
Tobacco	Potato tuber moth (Tobacco leafminer)	indoxacarb	WG	300 g/kg	Session 300 WDG	9010		Universal Crop Protection
Tobacco	Potato tuber moth	indoxacarb	WG	300 g/kg	Steward	6332	42 days	Du Pont de Nemours Int SA
Tobacco	Leaf miner	lufenuron	EC	50 g/l	Baritone 50 EC	8659		Universal Crop Protection
Tobacco	Leaf miner	lufenuron	EC	50 g/l	Prime 50 EC	8660	66 days	Villa Crop Protection
Tobacco	Leaf miner	lufenuron	EC	50 g/l	Sorba	5343		Syngenta SA
Tobacco	Storage pests	magnesium phosphide	GE	607 g/kg	Degesch Plates	1113		Degesch SA
Tobacco	Storage pests	magnesium phosphide	GE	607 g/kg	Degesch Strip	2520		Degesch SA
Tobacco	Aphids; Slugs; Whitefly	mercaptotion	DP	50 g/kg	Merkaptothion DP	4278		Avima
Tobacco	Aphids; Slug; Whitefly	mercaptotion/pyrethrins	DP	50/0,4 g/kg	Pythion 5% DP	2124		Avima
Tobacco	African bollworm; Aphids	methamidophos	SL	585 g/l	Methamidofos 585 SL	4405		Avima
Tobacco	African bollworm; Aphids	methamidophos	SL	585 g/l	Thamido	4646		Gouws & Scheepers (Plaaskem)
Tobacco	African bollworm; Leafminer; Slug; Stinkbug	methomyl	SL	200 g/l	Methomate 200 SL	8123		Villa Crop Protection
Tobacco	African bollworm; Leafminer; Slug; Stinkbug	methomyl	SL	200 g/l	Methomex 200 SL	5253		Adama SA
Tobacco	African bollworm; Leafminer; Slug; Stinkbug	methomyl	SL	200 g/l	Methomyl 200 SL	7100		Universal Crop Protection
Tobacco	African bollworm; Leafminer; Slug; Stinkbug	methomyl	SL	200 g/l	Mylomex 200 SL	4367		Nulandis
Tobacco	African bollworm; Leafminer; Slug; Stinkbug	methomyl	SP	900 g/kg	Ciplamyl 90 SP	3436		Cipla Agricare
Tobacco	African bollworm; Leaf miner; Stinkbugs; Slug	methomyl	SP	900 g/kg	Kuik 900 SP	5602		Rotam RSA
Tobacco	African bollworm; Leafminer; Slug; Stinkbug	methomyl	SP	900 g/kg	Lannate 900 SP	2011		Du Pont de Nemours
Tobacco	African bollworm; Leafminer; Slug; Stinkbug	methomyl	SP	900 g/kg	Makhromex 900 SP	8140		Makhro-Agro SA
Tobacco	African bollworm; Leafminer; Slug; Stinkbug	methomyl	SP	900 g/kg	Methomex 900 SP	5254		Adama SA
Tobacco	African bollworm; Leafminer; Slug; Stinkbug	methomyl	SP	900 g/kg	Methomyl 100 SP	6873		Tsunami Plant Protection
Tobacco	African bollworm; Leafminer; Slug; Stinkbug	methomyl	SP	900 g/kg	Methomyl 90 SP	5931		Universal Crop Protection
Tobacco	African bollworm; Leafminer; Slug; Stinkbug	methomyl	SP	900 g/kg	Methomyl 90 SP	7189		Villa Crop Protection
Tobacco	African bollworm; Fall armyworm; Leafminer; Slug; Stinkbug	methomyl	SP	900 g/kg	Mylomex 900 SP	4783		Nulandis

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Tobacco	African bollworm; Leafminer; Slug; Stinkbug	methomyl	SP	900 g/kg	Spitfire 900 SP	8197	7 - 14 days	Bitrad Consulting
Tobacco	White fly	mevinphos	EC	150 g/l	Mevinfos EC	4315		Universal Crop Protection
Tobacco	White fly	mevinphos	EC	240 g/l	Phosdrin 240 EC	7267		Universal Crop Protection
Tobacco	Nematodes	oxamyl	GR	100 g/kg	Blockade G	7552		Klub M5
Tobacco	Nematodes	oxamyl	GR	100 g/kg	Oxagran 100 GR	6406		Nialcor
Tobacco	Nematodes	oxamyl	GR	100 g/kg	Vydate 100 GR	3945		Du Pont de Nemours Int SA
Tobacco	Nematodes	oxamyl	SL	310 g/l	Blockade SL	7345		Klub M5
Tobacco	Nematodes	oxamyl	SL	310 g/l	Oxadate	7588		Arysta Lifescience SA
Tobacco	Nematodes	oxamyl	SL	310 g/l	Oxatak SL	7589		Meridian Agrochemical Co.
Tobacco	Nematodes	oxamyl	SL	310 g/l	Strangler SL	10062		Bitrad Agri
Tobacco	Nematodes	oxamyl	SL	310 g/l	Vigour 310 SL	8088		Ag-Chem Africa
Tobacco	Nematodes	oxamyl	SL	310 g/l	Vydate SL	5057		Du Pont de Nemours Int SA
Tobacco	Nematodes	Paecilomyces lilacinus	WP	4 x 10(9) spores/g	PL Gold	7698		Biological Control Products SA
Tobacco	Nematodes	Paecilomyces lilacinus strain 251	WP	4x10(9) live spores/g	PL251	5976		Biological Control Products SA
Tobacco	Aphids; Sucking bugs; White fly	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Tobacco	Storage pests	pyrethrins/piperonyl butoxide	FN/KN	5/40 g/l	Kynoch Pyrethrin 44 Insecticide	5870		Kynoch Agrochemicals (Plaaskem)
Tobacco	Storage pests	pyrethrins/piperonyl butoxide	ULV	5/40 g/l	PY 4T4	4629		Starplex 83 CC
Tomatoes	American leafminer; Red spider mite	abamectin	EC	18 g/l	Abamectin Plus	5888		RT Chemicals
Tomatoes	American leafminer; Red spider mite	abamectin	EC	18 g/l	Agriec 018 EC	3209		Syngenta SA
Tomatoes	American leafminer; Red spider mite	abamectin	EC	18 g/l	Agromectin	6798		Arysta Lifescience SA
Tomatoes	American leafminer, Red spider mite	abamectin	EC	18 g/l	Avemit	7783		Plaaskem
Tomatoes	American leafminer, Red spider mite	abamectin	EC	18 g/l	Biomectin	7979		Villa Crop Protection
Tomatoes	Red spider mite	abamectin	EC	18 g/l	Makhromectin	7941		Makhro-Agro SA
Tomatoes	American leaf miner; Red spider mite	abamectin	EC	18 g/l	Mecti	7008		Plaaskem
Tomatoes	American leafminer; Red spider mite	abamectin	EC	18 g/l	Mitemex	7417		Small Pack Solution
Tomatoes	American leafminer, Red spider mite	abamectin	EC	18 g/l	Miticide	8501		Kombat
Tomatoes	American leafminer; Red spider mite	abamectin	EC	18 g/l	Sanamectin 18 EC	5928		Dow AgroSciences SA
Tomatoes	American leafminer, Red spider mite	abamectin	EC	18 g/l	Unimectin 18 EC	7978		Universal Crop Protection
Tomatoes	American leafminer, Red spider mite	abamectin	EC	36 g/l	Zoro 36 EC	8712		Cheminova
Tomatoes	American leafminer; Red spider mite	abamectin	SC	84 g/l	Agriec Gold	9235		Syngenta SA
Tomatoes	American leafminer, Red spider mite	abamectin	SL	4 g/l	Epicure SL	8662	3 days	Gouws & Scheepers (Plaaskem)
Tomatoes	African bollworm; Thrips	acephate	SP	750 g/kg	Ace 750 SP	4175		Nulandis
Tomatoes	African bollworm; Thrips	acephate	SP	750 g/kg	Acephate 750	6753		RT Chemicals
Tomatoes	African bollworm; Thrips	acephate	SP	750 g/kg	Acephate 750 SP	6473		Universal Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Tomatoes	African bollworm; Thrips	acephate	SP	750 g/kg	Acephate 750 SP	7181		Villa Crop Protection
Tomatoes	African bollworm; Thrips	acephate	SP	750 g/kg	Bitrad Acephate	7013		Bitrad Consulting
Tomatoes	African bollworm; Thrips	acephate	SP	750 g/kg	Gremlin 75 SP	8130		Volcano Agrosociences
Tomatoes	African bollworm; Thrips	acephate	SP	750 g/kg	Orthene	190		Volcano Agrosocience /ta Arysta LS
Tomatoes	African bollworm; Thrips	acephate	SP	750 g/kg	Racet 750 SP	5607		Rotam RSA
Tomatoes	American leafminer; White fly	acetamiprid	SP	200 g/kg	Acetamiprid 200 SP	9348		Sharda International Africa CC
Tomatoes	American leafminer; Whitefly	acetamiprid	SP	200 g/kg	Mospilan 20 SP	5899		Mitsui & Co.
Tomatoes	American leafminer; Whitefly	acetamiprid	SP	200 g/kg	Mulan 20 SP	9167		Adama SA
Tomatoes	American leafminer; White fly	acetamiprid	WG	200 g/kg	Mospilan 20	8192		Mitsui & Co.
Tomatoes	African bollworm; Red spider mite; Whitefly	acetamiprid/bifenthrin	EC	16/30 g/l	Aceta Star 46 EC	9255		Makhteshim-Agan SA
Tomatoes	Red spider mite	acrinathrin	EW	75 g/l	Rufast EW	6585		Cheminova
Tomatoes	African bollworm	alpha-cypermethrin	EC	100 g/l	Fastac EC	4991		BASF South Africa
Tomatoes	African bollworm	alpha-cypermethrin	EC	100 g/l	Magnum Super EC	6679		Technichem
Tomatoes	African bollworm	alpha-cypermethrin	EC	100 g/l	Sentry EC	7966		Volcano Agrosocience /ta Arysta LS
Tomatoes	African bollworm	alpha-cypermethrin	EW	100 g/l	Ichiban 100 EW	9248		Meridian Agrochemical Co.
Tomatoes	African bollworm	alpha-cypermethrin	SC	100 g/l	Alpha-thrin 100 SC	7425		Villa Crop Protection
Tomatoes	African bollworm	alpha-cypermethrin	SC	100 g/l	Avalanche	6807		Klub M5
Tomatoes	African bollworm	alpha-cypermethrin	SC	100 g/l	Fastac SC	4992		BASF South Africa
Tomatoes	African bollworm; Cutworm	alpha-cypermethrin	SC	100 g/l	Magnum Super SC	7816		Technichem Crop Protection
Tomatoes	African bollworm	alpha-cypermethrin	SC	100 g/l	Polytrin Super 100 SC	7262		Universal Crop Protection
Tomatoes	African bollworm; American leafminer; Leaf miner; Red spider mite; Semi-looper	amitraz	EC	200 g/l	Evict 200 EC	7976		Gouws & Scheepers (Plaaskem)
Tomatoes	African bollworm; American leafminer; Red spider mite; Semi-looper	amitraz	EC	200 g/l	Mitac	4560		Volcano Agrosocience
Tomatoes	African bollworm; American leafminer; Leaf miner; Red spider mite; Semi-looper	amitraz	EC	200 g/l	Parsec 200 EC	7912		Makhteshim-Agan SA
Tomatoes	Whiteflies	azadirachtin	SL	3 g/l	Absolute Neem Oil	9317		Absolute Neem Agricultural Spray & Adjuvants
Tomatoes	African bollworm; Semi looper	Bacillus thuringiensis var aizawai	WG	15 000 IU/mg	Florbac WG	5531		Valent BioSciences
Tomatoes	African bollworm	Bacillus thuringiensis var aiziwai x kurstaki	WP	25 000 IU/mg	Agree 50 WP	5551		Villa Crop Protection
Tomatoes	African bollworm; Semi-looper	Bacillus thuringiensis var kurstaki	WG	32 000 IU/mg	Kirshhoffs Margaret Roberts Dipel Biological Cater	7112		Ball Straathof
Tomatoes	African bollworm	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Tomatoes	African bollworm; Semi-looper	Bacillus thuringiensis var. kurstaki	WG	32 000 IU/mg	DiPel DF	6441		Valent Biosciences

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Tomatoes	Red spider mite; White fly	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Tomatoes	Red spider mite; Whitefly	Beauveria bassiana	WG	2 x 10(9) spores/g	Eco-BB	8469		Plant Health Products
Tomatoes	African bollworm; Semi-looper	beta-cyfluthrin	SC	125 g/l	Bulldock Beta 125 SC	7612		Bayer
Tomatoes	African bollworm	beta-cypermethrin	EC	100 g/l	Akito	6709		Cropserve/Arysta Lifescience SA
Tomatoes	American bollworm; American leafminer; Leaf miner; Red spider mites; Semi-looper	bifenthrin	EC	100 g/l	Bifenthrin 100 EC	9125		Sharda International Africa CC
Tomatoes	American leafminer; Leafminer; Spider mites; Tomato semi-looper	bifenthrin	EC	100 g/l	Ramba 100 EC	9899		Villa Crop Protection
Tomatoes	African bollworm; American leafminer; Leafminer; Red spider mite; Semi-looper	bifenthrin	EC	100 g/l	Seizer 100 EC	7471		Adama SA
Tomatoes	American leafminer; Leafminer; Spider mites; Tomato semi-looper	bifenthrin	EC	100 g/l	Tempes 100 EC	9946		Universal Crop Protection
Tomatoes	African bollworm; American leafminer; Leafminer; Red spider mite; Semi-looper	bifenthrin	EC	100g/l	Talstar 100 EC	3171		FMC SA
Tomatoes	White fly	borax/orange oil	SL	10/50 g/l	Prev- Am	7130		Oro Agri SA
Tomatoes	Aphids	canola oil	EC	960 g/l	Vegol	7061		Warren Chem
Tomatoes	Aphids; Red spider mite	canola oil/pyrethrin	EC	895/5 g/l	Pyrol	7062		Warren Chem
Tomatoes	American leafminer	cartap hydrochloride	SP	500 g/kg	Ag Tap 500 SP	7550		Ag-Chem Africa
Tomatoes	American leafminer	cartap hydrochloride	SP	500 g/kg	Agritap SP	9464		Meridian Agrochemical Co.
Tomatoes	American leafminer	cartap hydrochloride	SP	500 g/kg	Cartap	8497		Tsunami Plant Protection /ta Arysta LS
Tomatoes	American leafminer	cartap hydrochloride	SP	500 g/kg	Cartap 500 SP	6797		RT Chemicals
Tomatoes	American leafminer	cartap hydrochloride	SP	500 g/kg	Cartap 500 SP	7661		Villa Crop Protection
Tomatoes	American leafminer	cartap hydrochloride	SP	500 g/kg	Cartap 500 SP	7662		Universal Crop Protection
Tomatoes	American leafminer	cartap hydrochloride	SP	500 g/kg	Gibsan 500 SP	7018	7 days	Nulandis
Tomatoes	American leafminer	cartap hydrochloride	SP	500 g/kg	Suntap 500 SP	5760		Plaaskem (Gouws & Scheepers)
Tomatoes	African bollworm; Tomato leafminer; Tomato semi-looper	chlorantraniliprole	SC	200 g/l	Coragen	8529	1 day	Du Pont de Nemours Int SA
Tomatoes	African bollworm; Tomato leaf miner moth; Tomato semi-looper	chlorantraniliprole	SC	50 g/l	Prevathon 5 SC	9150	1 day	Du Pont de Nemours Int SA
Tomatoes	Leafminer	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Tomatoes	Red spider mite	chlorfenapyr	SC	240 g/l	Hunter 24 SC	8307		BASF South Africa
Tomatoes	Red spider mite	chlorfenapyr	SC	360 g/l	Plumett	9860		Meridian Agrochemical Co.
Tomatoes	Red spider mite	chlorfenapyr	SC	360 g/l	Saber 360 SC	8534		Universal Crop Protection
Tomatoes	Red spider mite	chlorfenapyr	SC	360 g/l	Savage 360 SC	8533		Villa Crop Protection
Tomatoes	Red spider mite	chlorfenapyr	SC	360 g/l	Sergeant	9876		Arysta Lifescience SA
Tomatoes	African bollworm; Semi-looper; Thrips	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Tomatoes	African bollworm; Semi-looper; Thrips	chlorpyrifos	EC	480 g/l	Agropyrifos 480 EC	4888		Arysta Lifescience SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Tomatoes	African bollworm; Semi-looper; Thrips	chlorpyrifos	EC	480 g/l	Avi-Klorpirifos	4318	4 days	Avima
Tomatoes	African bollworm; Semi-looper; Thrips	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	5417		Makhteshim-Agan SA
Tomatoes	African bollworm; Semi-looper; Thrips	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6272		Arysta Lifescience SA
Tomatoes	African bollworm; Semi-looper; Thrips	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6350		Universal Crop Protection
Tomatoes	African bollworm; Semi-looper; Thrips	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	7183		Villa Crop Protection
Tomatoes	African bollworm; Semi-looper; Thrips	chlorpyrifos	EC	480 g/l	Chlorpyrifos EC	5867		Cropchem
Tomatoes	American bollworm	chlorpyrifos	EC	480 g/l	Chlorpyrifos	10017		Meridian Agrochemical Co.
Tomatoes	African bollworm; Semi-looper; Thrips	chlorpyrifos	EC	480 g/l	Dursban 480 EC	5225		Dow AgroSciences SA
Tomatoes	African bollworm; Semi-looper; Thrips	chlorpyrifos	EC	480 g/l	Lirifos 480 EC	4883		Gouws & Scheepers (Nulandis)
Tomatoes	African bollworm; Semi-looper; Thrips	chlorpyrifos	EC	480 g/l	Makhrifos 480 EC	7973		Makhro-Agro SA
Tomatoes	African bollworm; Semi-looper; Thrips	chlorpyrifos	EC	480 g/l	Pyrifos 480 EC	6397		Applied Agricultural Products (Nulandis)
Tomatoes	African bollworm; Semi-looper; Thrips	chlorpyrifos	EC	480 g/l	Pyrinex 480 EC	4673		Adama SA
Tomatoes	African bollworm; Plusia looper; Thrips	chlorpyrifos	EC	480 g/l	Rochlop 480 EC	5905		Rotam RSA
Tomatoes	African bollworm; Semi-looper; Thrips	chlorpyrifos	WG	750 g/kg	Dursban 750 WG	6589	4 days	Dow AgroSciences SA
Tomatoes	African bollworm; Semi-looper; Thrips	chlorpyrifos/cypermethrin	EC	450/5 g/l	Cyferfos 500EC	7606		Nulandis
Tomatoes	Red spider mite	cyhexatin	SG	600 g/l	Acarstin Flo	4165		Sipcam South Africa
Tomatoes	Red spider mite	cyhexatin	SG	600g/l	Triran FA	5481		Viking Distributors
Tomatoes	African bollworm	cypermethrin	EC	20 g/l	Fruitfly	3343		Kombat
Tomatoes	African bollworm	cypermethrin	EC	20 g/l	Garden Ripcord	3666		Agro-Serve t/a Efekto
Tomatoes	African bollworm	cypermethrin	EC	200 g/l	Avi-Sipermetrin EC	3980		Avima
Tomatoes	African bollworm	cypermethrin	EC	200 g/l	Bitrad Cypermethrin	7014		Bitrad Consulting
Tomatoes	African bollworm	cypermethrin	EC	200 g/l	Chanrai Cypermethrin 200 EC	8843		Chanrai SA
Tomatoes	African bollworm	cypermethrin	EC	200 g/l	Cyperin 200 EC	5321		Nulandis
Tomatoes	African bollworm	cypermethrin	EC	200 g/l	Cypermethrin	7851		Arysta Lifescience SA
Tomatoes	African bollworm	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4069		Agro-Serve t/a Efekto
Tomatoes	African bollworm	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4644		Universal Crop Protection
Tomatoes	African bollworm	cypermethrin	EC	200 g/l	Doodskoot EC	3285		WPK Landbou
Tomatoes	African bollworm	cypermethrin	EC	200 g/l	Farmag Cypermethrin	3207		Castle Ag-Chem
Tomatoes	African bollworm	cypermethrin	EC	200 g/l	Kemprin 200 EC	3145		Arysta Lifescience SA /Protek
Tomatoes	African bollworm	cypermethrin	EC	200 g/l	Knox Worm	7176		Arysta LS/Protek
Tomatoes	African bollworm	cypermethrin	EC	200 g/l	Novacord	7866		Global Agrosiences
Tomatoes	African bollworm	cypermethrin	EC	200 g/l	Polytrin 200 EC	5409		Villa Crop Protection
Tomatoes	African bollworm	cypermethrin	EC	200 g/l	Sipermetrien	4889		Arysta Lifescience SA /Protek
Tomatoes	American leafminer	cyromazine	WP	750 g/kg	Cygon	7230		RT Chemicals
Tomatoes	American leafminer	cyromazine	WP	750 g/kg	Cyromazine 75 WP	7258		Nippon Africa
Tomatoes	American leafminer	cyromazine	WP	750 g/kg	Cyromazine 750 WP	7269		Universal Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Tomatoes	American leafminer	cyromazine	WP	750 g/kg	Cyromazine 750 WP	7424		Villa Crop Protection
Tomatoes	American leafminer	cyromazine	WP	750 g/kg	Patron 75 WP	3035		Syngenta SA
Tomatoes	American leafminer	cyromazine	WP	750 g/kg	Topgard 75 WP	7270		Almond Agro Chemicals (Pty Ltd)
Tomatoes	African bollworm	deltamethrin	AL	60 mg/l	Servus RTU	8420		Makhro-Agro SA
Tomatoes	African bollworm	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Tomatoes	African bollworm	deltamethrin	EC	25 g/l	Celtis 25 EC	7965		Volcano Agrosience /ta Arysta LS
Tomatoes	African bollworm	deltamethrin	EC	25 g/l	Delta-Thrin 25 EC	7263		Universal Crop Protection
Tomatoes	African bollworm	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Tomatoes	African bollworm	deltamethrin	EC	25 g/l	Deltis 2,5% EC	6511		Almond Agro Chemicals (Pty Ltd)
Tomatoes	African bollworm	deltamethrin	EC	25 g/l	D-Tacke	7229		Erintrade CC t/a R.T. Chemicals
Tomatoes	African bollworm	deltamethrin	EC	25 g/l	Servus	7271		Adama SA
Tomatoes	African bollworm	deltamethrin	EW	25 g/l	Zenit	9073		Meridian Agrochemical Co.
Tomatoes	Aphids	demeton-S-methyl	EC	250 g/l	Demeton EC	4852		Universal Crop Protection
Tomatoes	Aphids	demeton-S-methyl	EC	250 g/l	Demeton-S-Methyl	4508		Cropchem
Tomatoes	Aphids	demeton-S-methyl	EC	250 g/l	Demetox EC	2057		Avima
Tomatoes	Red spider mite; Whiteflies	diafenthuiuron	SC	500 g/l	Pegasus 500 SC	8668	4 days	Syngenta SA
Tomatoes	Aphids; Red spider mite	diazinon	EC	275 g/l	Diazinon	4550		Gulf Chemicals t/a Arysta Lifescience SA
Tomatoes	Aphids; Red spider mite	diazinon	EC	275 g/l	Diazinon 275 EC	4941		Avima
Tomatoes	Nematodes	dichloropropene (1,3)	AL	1100 g/l	Dilone AL	8936		Erintrade CC t/a R.T. Chemicals
Tomatoes	Semi-looper	dichlorvos	EC	1000 g/l	Desta 100 EC	6641		Volcano Agrosience /ta Arysta LS
Tomatoes	Semi-looper	dichlorvos	EC	1000 g/l	Devipan 100	4669		Makhteshim-Agan SA
Tomatoes	Semi-looper	dichlorvos	EC	1000 g/l	Devipan 100	8633		Makhro-Agro SA
Tomatoes	Semi-looper	dichlorvos	EC	1000 g/l	Dichlorvos 1000 EC	4640		Universal Crop Protection
Tomatoes	Semi-looper	dichlorvos	EC	1000 g/l	Nuvan 1000 EC	8016		Avima
Tomatoes	African bollworm; Semi-looper	emamectin benzoate	EC	19.2 g/l	Warlock 19.2 EC	9872		Adama SA
Tomatoes	African bollworm; Semi-looper; Tomato leaf miner moth	emamectin benzoate	EW	20 g/l	Promec 20 EW	9729	1 day	Meridian Agrochemical Co.
Tomatoes	African bollworm; Semi-looper	emamectin benzoate	WG	50 g/kg	Emma	9022	1	Arysta Lifescience SA
Tomatoes	African bollworm; Semi-looper	emamectin benzoate	WG	50 g/kg	Proclaim	7581		Syngenta SA
Tomatoes	African bollworm; Semi-looper; Tomato leaf miner moth	emamectin benzoate	WG	50 g/kg	Vitex 50	9525	1 day	Meridian Agrochemical Co.
Tomatoes	African bollworm	esfenvalerate	EC	200 g/l	Sumi-Alpha 200 EC	6452		Philagro South Africa
Tomatoes	African bollworm	esfenvalerate	EC	50 g/l	Sumicidin Super	6381		Philagro South Africa
Tomatoes	African bollworm	esfenvalerate	EW	200 g/l	Sumi-Alpha 200 EW	8821		Philagro South Africa
Tomatoes	Red spider mite	etoxazole	SC	100 g/l	Rose Spider Mite	6943		Ball Straathof

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Tomatoes	Red spider mite	etoxazole	SC	100 g/l	Smite	6011		Philagro South Africa
Tomatoes	Aphids; Red spider mite; Thrips	fatty acids	SL	355 g/l	Fade	5995		Gouws and Scheepers (Nulandis)
Tomatoes	Nematodes	fenamiphos	CS	240 g/l	Nemacur 240 CS	7247		Villa Crop Protection
Tomatoes	Nematodes	fenamiphos	EC	400 g/l	Atador	7167		Erintrade CC t/a R.T. Chemicals
Tomatoes	Nematodes	fenamiphos	EC	400 g/l	Fenamiphos 400 EC	7647		Universal Crop Protection
Tomatoes	Nematodes	fenamiphos	EC	400 g/l	Nemacur 400 EC	367		Villa Crop Protection
Tomatoes	Nematodes	fenamiphos	EC	400 g/l	Spitfire 400 EC	7646		Villa Crop Protection
Tomatoes	Nematodes	fenamiphos	GR	100 g/kg	Nemacur 10 GR	2056		Villa Crop Protection
Tomatoes	Red spider mite	fenazaquin	SC	200 g/l	Pride 200 SC	5220		Klub M5
Tomatoes	Red spider mite	fenbutatin oxide	SC	550 g/l	Crystal 550 SC	9050		Villa Crop Protection
Tomatoes	Red spider mite	fenbutatin oxide	SC	550 g/l	Mitador	6953		RT Chemicals
Tomatoes	Red spider mite	fenbutatin oxide	SC	550 g/l	Roper 550 SC	9049		Universal Crop Protection
Tomatoes	Red spider mite	fenbutatin oxide	SC	550 g/l	Torque SC	4929		BASF South Africa
Tomatoes	Red spider mite	fenpropathrin	EC	200 g/l	Meothrin	6385		Philagro South Africa
Tomatoes	Red spider mite	fenpyroximate	EC	50 g/l	Lesson 50 EC	9256		Villa Crop Protection
Tomatoes	Red spider mite	fenpyroximate	EC	50 g/l	Relieve 50 EC	9257		Universal Crop Protection
Tomatoes	African bollworm	fenvaterate	EC	200 g/l	Fenvaterate 200 EC	4187		Universal Crop Protection
Tomatoes	African bollworm	fenvaterate	EC	200 g/l	Fenvaterate 200 EC	4603		Avima
Tomatoes	African bollworm	fenvaterate	EC	200 g/l	Fenvaterate 200 EC	7185		Villa Crop Protection
Tomatoes	African bollworm; Semi-looper	flubendiamide	SC	480 g/l	Belt	8860		Bayer
Tomatoes	Nematodes	fluopyram	SC	400 g/l	Velum Prime 400 SC	9965		Bayer
Tomatoes	Nematodes	fluopyram	SC	500 g/l	Velum Prime	9565		Bayer
Tomatoes	Nematodes	furfural	EC	800 g/l	Crop Guard 80	9253		Illovo Sugar Ltd
Tomatoes	Nematodes	furfural	EC	900 g/l	Crop Guard	6864		Illovo Sugar Ltd
Tomatoes	African bollworm; Semi-looper	gamma-cyhalothrin	CS	60 g/l	Vantex 60 CS	7227		Cheminova (Disa Bio-Technologies CC)
Tomatoes	White fly nymphs	imidacloprid	SC	350 g/l	Apache Gold 350 SC	9398		Castle Ag-Chem
Tomatoes	White fly	imidacloprid	SC	350 g/l	Complete 350 SC	7959		Arysta Lifescience SA /Protek
Tomatoes	Whiteflies	imidacloprid	SC	350 g/l	Complete 350 SC	9024		Arysta Lifescience SA
Tomatoes	Whitefly nymphs	imidacloprid	SC	350 g/l	Confidor 350 SC	5691		Bayer
Tomatoes	Whitefly	imidacloprid	SC	350 g/l	Imidacloprid 350 SC	8442		Sharda International Africa CC
Tomatoes	Whitefly nymphs	imidacloprid	SC	350 g/l	Imidor 350 SC	8019		Villa Crop Protection
Tomatoes	Whitefly nymphs	imidacloprid	SC	350 g/l	Imirod 350 SC	7983		Universal Crop Protection
Tomatoes	Whitefly	imidacloprid	SC	350 g/l	Kohinor 350 SC	8447		Adama SA
Tomatoes	White fly	imidacloprid	SC	350 g/l	Koinor 350 SC	8562		Makhro-Agro SA
Tomatoes	Whitefly nymphs	imidacloprid	SC	350 g/l	Provado 350 SC	7740		Bayer

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Tomatoes	Whitefly nymphs	imidacloprid	SC	350 g/l	Punto 350 SC	8852		Anasac SA
Tomatoes	Whitefly	imidacloprid	SC	350 g/l	Starbug	8008		Erintrade CC t/a R.T. Chemicals
Tomatoes	Whitefly	imidacloprid	SC	350 g/l	Warrant 350 SC	7729		Cheminova
Tomatoes	Whitefly	imidacloprid	WG	700 g/kg	Confidor 70 WG	7240		Bayer
Tomatoes	Whitefly	imidacloprid	WG	700 g/kg	Warrant 70 WG	8454		Cheminova
Tomatoes	African bollworm; Leafminer; Semi-looper	indoxacarb	EC	150 g/l	Avaunt 150 EC	8623		Du Pont de Nemours
Tomatoes	African bollworm; Potato tuber moth; Tomato leafminer; Tomato semi-looper	indoxacarb	EC	150 g/l	Steward 150 EC	8435	1 days	Du Pont de Nemours Int SA
Tomatoes	African bollworm; Leafminer; Potato tuber moth	indoxacarb	SC	300 g/l	Doxstar Flo	9884	1 days	Meridian Agrochemical Co.
Tomatoes	African bollworm; Potato tuber moth; Semi-looper	indoxacarb	WG	300 g/kg	Indo 300 WDG	9025		Crop Asure
Tomatoes	African bollworm; Leafminer; Tomato semi-looper	indoxacarb	WG	300 g/kg	Margin 300 WDG	9009		Villa Crop Protection
Tomatoes	African bollworm; Leafminer; Tomato semi-looper	indoxacarb	WG	300 g/kg	Session 300 WDG	9010		Universal Crop Protection
Tomatoes	African bollworm; Potato tuber moth; Semi-looper	indoxacarb	WG	300 g/kg	Steward	6332	1 day	Du Pont de Nemours Int SA
Tomatoes	African bollworm; Semi-looper	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Tomatoes	African bollworm; Semi-looper	lambda-cyhalothrin	CS	50 g/l	Karis 5 CS	9267		GAT Microencapsulation SA
Tomatoes	African bollworm	lambda-cyhalothrin	EC	50 g/l	Attacke	7669		Erintrade CC t/a R.T. Chemicals
Tomatoes	African bollworm; Semi-looper	lambda-cyhalothrin	EC	50 g/l	Judo 50 EC	7785		Villa Crop Protection
Tomatoes	African bollworm; Semi-looper	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Tomatoes	African bollworm; Semi-looper	lambda-cyhalothrin	EC	50 g/l	Lambda 50 EC	7787		Universal Crop Protection
Tomatoes	African bollworm; Semi-looper	lambda-cyhalothrin	EC	50 g/l	Lambda EC	8546		Arysta Lifescience SA
Tomatoes	African bollworm; Semi-looper	lambda-cyhalothrin	EC	50 g/l	Makhrolam 5 EC	8141		Makhro-Agro SA
Tomatoes	African bollworm; Semi-looper	lambda-cyhalothrin	EC	50 g/l	Shamda 50 EC	10258		Sharda International Africa CC
Tomatoes	African bollworm; Semi-looper	lambda-cyhalothrin	EC	50g/l	Lamdex 5 EC	7578		Adama SA
Tomatoes	American bollworm	lambda-cyhalothrin	EW	50 g/l	Lambada Aquamul	9583		Meridian Agrochemical Co.
Tomatoes	Leaf miner	lufenuron	EC	50 g/l	Judge	9927	3 days	Arysta Lifescience SA
Tomatoes	Leaf miner	lufenuron	EC	50 g/l	Sorba	5343		Syngenta SA
Tomatoes	Aphids	mercaptotion	DP	50 g/kg	Malathion DP	5966		Agro-Serve t/a Efekto
Tomatoes	Aphids	mercaptotion	DP	50 g/kg	Merkaptothion DP	4278		Avima
Tomatoes	Aphids; Thrips	mercaptotion	EC	500 g/l	Avi Gard	216		Avima
Tomatoes	Aphids; Thrips	mercaptotion	EC	500 g/l	Datathion 500 EC	828		Nulandis
Tomatoes	Aphids; Thrips	mercaptotion	EC	500 g/l	Kombat Garden Insects	4469		Kombat
Tomatoes	Aphids; Thrips	mercaptotion	EC	500 g/l	Malasol	1353		Agro-Serve t/a Efekto
Tomatoes	Aphids; Thrips	mercaptotion	EC	500 g/l	Malathion	8317		Kombat
Tomatoes	Aphids; Thrips	mercaptotion	EC	500 g/l	Malathion 50% EC	4235		Agro-Serve t/a Efekto
Tomatoes	Aphids; Thrips	mercaptotion	EC	500 g/l	Mercaptothion 500 EC	4394		Dow AgroSciences SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Tomatoes	Aphids; Thrips	mercaptotion	EW	440 g/l	Fyfanon 440 EW	9484		Cheminova
Tomatoes	Aphids; Thrips	mercaptotion	WP	250 g/kg	Avi Merkaptotoks	3031		Avima
Tomatoes	Aphids	mercaptotion/pyrethrins	DP	50/0,4 g/kg	Pythion 5% DP	2124		Avima
Tomatoes	African bollworm; Leaf miner; Semi-looper	methamidophos	SL	585 g/l	Bitrad Methamidophos	7015		Bitrad Consulting
Tomatoes	African bollworm; Leaf miner; Semi-looper	methamidophos	SL	585 g/l	Metamidofos	4531		Tsunami Plant Protection /ta Arysta LS
Tomatoes	African bollworm; Leafminer; Semi-looper	methamidophos	SL	585 g/l	Metamidofos 585 SL	4286		Universal Crop Protection
Tomatoes	African bollworm; Leafminer; Semi-looper	methamidophos	SL	585 g/l	Methamidofos 585 SL	4405		Avima
Tomatoes	African bollworm; Leafminer; Semi-looper	methamidophos	SL	585 g/l	Methaphos	4085		Kynoch Agrochemicals (Applied)
Tomatoes	African bollworm; Leafminer; Semi-looper	methamidophos	SL	585 g/l	Tampon 585 SL	8251		Villa Crop Protection
Tomatoes	African bollworm; Leafminer; Semi-looper	methamidophos	SL	585 g/l	Thamido	4646		Gouws & Scheepers (Plaaskem)
Tomatoes	African bollworm; Aphids; Leafminer; Semi-looper; Thrips	methomyl	SL	200 g/l	Methomate 200 SL	8123		Villa Crop Protection
Tomatoes	African bollworm; Aphids; Leafminer; Thrips	methomyl	SL	200 g/l	Methomex 200 SL	5253		Adama SA
Tomatoes	African bollworm; Aphids; Leafminer; Semi-looper; Thrips	methomyl	SL	200 g/l	Methomyl 200 SL	7100		Universal Crop Protection
Tomatoes	African bollworm; Aphids; Leafminer; Looper; Thrips	methomyl	SL	200 g/l	Mylomex 200 SL	4367		Nulandis
Tomatoes	African bollworm; Aphids; Leafminer; Semi-looper; Thrips	methomyl	SP	900 g/kg	Ciplamyl 90 SP	3436		Cipla Agricare
Tomatoes	African bollworm; Aphids; Leaf miner; Semi-looper; Thrips	methomyl	SP	900 g/kg	Kuik 900 SP	5602		Rotam RSA
Tomatoes	African bollworm; Aphids; Leafminer; Semi-looper; Thrips	methomyl	SP	900 g/kg	Lannate 900 SP	2011		Du Pont de Nemours
Tomatoes	African bollworm; Aphids; Leafminer; Thrips	methomyl	SP	900 g/kg	Makhromex 900 SP	8140		Makhro-Agro SA
Tomatoes	African bollworm; Aphids; Leafminer; Tomato semi-looper; Thrips	methomyl	SP	900 g/kg	Masta 900 SP	9449		Arysta Lifescience SA
Tomatoes	African bollworm; Aphids; Leafminer; Thrips	methomyl	SP	900 g/kg	Methomex 900 SP	5254		Adama SA
Tomatoes	African bollworm; Aphids; Leafminer; Semi-looper; Thrips	methomyl	SP	900 g/kg	Methomyl 100 SP	6873		Tsunami Plant Protection
Tomatoes	African bollworm; Aphids; Leafminer; Semi-looper; Thrips	methomyl	SP	900 g/kg	Methomyl 90 SP	5931		Universal Crop Protection
Tomatoes	African bollworm; Aphids; Leafminer; Semi-looper; Thrips	methomyl	SP	900 g/kg	Methomyl 90 SP	7189		Villa Crop Protection
Tomatoes	African bollworm; Aphids; Leafminer; Semi-looper; Thrips	methomyl	SP	900 g/kg	Mylomex 900 SP	4783		Nulandis
Tomatoes	African bollworm; Aphids; Leafminer; Semi-looper; Thrips	methomyl	SP	900 g/kg	Spitfire 900 SP	8197	2 days	Bitrad Consulting
Tomatoes	African bollworm; Aphids	mevinphos	EC	150 g/l	Mevinfos EC	4315		Universal Crop Protection
Tomatoes	African bollworm; Aphids	mevinphos	EC	240 g/l	Phosdrin 240 EC	7267		Universal Crop Protection
Tomatoes	Red spider mite	milbemectin	EC	10 g/l	Milbeknock 1% EC	6654		Sumitomo Corporation/Protek

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Tomatoes	African bollworm; Leaf miner	novaluron	EC	100 g/l	Rimon 10 EC	6285		Adama SA
Tomatoes	Nematodes	oxamyl	GR	100 g/kg	Blockade G	7552		Klub M5
Tomatoes	Nematodes	oxamyl	GR	100 g/kg	Foxamyl 10 G	9877		Cedar Falls Properties 130
Tomatoes	Nematodes	oxamyl	GR	100 g/kg	Oxagran 100 GR	6406		Nialcor
Tomatoes	Nematodes	oxamyl	GR	100 g/kg	Vydate 100 GR	3945		Du Pont de Nemours Int SA
Tomatoes	Nematodes	oxamyl	SL	310 g/l	Blockade SL	7345		Klub M5
Tomatoes	Nematodes	oxamyl	SL	310 g/l	Foxamyl 310 SL	9883		Cedar Falls Properties 130
Tomatoes	Nematodes	oxamyl	SL	310 g/l	Oxadate	7588		Arysta Lifescience SA
Tomatoes	Nematodes	oxamyl	SL	310 g/l	Oxatak SL	7589		Meridian Agrochemical Co.
Tomatoes	Nematodes	oxamyl	SL	310 g/l	Platoon SL	7913		Villa Crop Protection
Tomatoes	Nematodes	oxamyl	SL	310 g/l	Stetson SL	7904		Universal Crop Protection
Tomatoes	Nematodes	oxamyl	SL	310 g/l	Strangler SL	10062		Bitrad Agri
Tomatoes	Nematodes	oxamyl	SL	310 g/l	Vigour 310 SL	8088		Ag-Chem Africa
Tomatoes	Nematodes	oxamyl	SL	310 g/l	Vydate SL	5057		Du Pont de Nemours Int SA
Tomatoes	Nematodes	Paecilomyces lilacinus	WP	4 x 10(9) spores/g	PL Gold	7698		Biological Control Products SA
Tomatoes	Nematodes	Paecilomyces lilacinus strain 251	WP	4x10(9) live spores/g	PL251	5976		Biological Control Products SA
Tomatoes	Leaf miner	permethrin/pheromone	VP	60/1,6 g/kg	Last Call P.T.M.	6801		Insect Science
Tomatoes	Aphids	potassium salts of fatty acids	EW	470 g/l	Neudosan	7063		Warren Chem
Tomatoes	African bollworm; Aphids; Leaf miner; Red spider mite; Semi-looper; Thrips	profenofos	EC	500 g/l	Selecron 500 EC	3113		Syngenta SA
Tomatoes	African bollworm; Aphids; Red spider mite; Potato tuber moth; Tomato semi-looper; Thrips	profenofos	EC	500 g/l	Selecron 500 EC	3113		Syngenta SA
Tomatoes	African bollworm; Aphids; Leaf miner; Red spider mite; Semi-looper; Thrips	profenofos	EC	500 g/l	Selefos	6950		Erintrade CC t/a R.T. Chemicals
Tomatoes	Red spider mite; Rust mite	propargite	EC	590 g/l	Omite EC	1796		Crompton Chemical
Tomatoes	Red spider mite; Rust mite	propargite	EC	800 g/l	Comite EC	3230		Arysta Lifescience SA
Tomatoes	White fly	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Tomatoes	White fly	pyrethrum	SC	7,5 g/l	Xterminator	7037		Agro Organics
Tomatoes	African bollworm	pyridalyl dichloropropene-derivative	EC	500 g/l	Sumipleo	8377	3 days	Philagro South Africa
Tomatoes	White fly	pyriproxyfen	EC	100 g/l	Nemesis 100 EC	6378		Philagro South Africa
Tomatoes	Leafminers	spinetoram	WG	250 g/l	Delegate 250 WG	8392		Dow AgroSciences SA
Tomatoes	African bollworm; American leafminer	spinosad	SC	120 g/l	Eco Insect Control	7232		Agro-Serve t/a Efekto
Tomatoes	African bollworm; American leafminer; Semi-looper	spinosad	SC	480 g/l	Tracer 480 SC	6557		Dow AgroSciences SA
Tomatoes	African bollworm; American leafminer; Semi-looper; Tomato leafminer	spinosad	WP	800 g/kg	Entrust Naturalyte 800 WP	7389		Dow AgroSciences SA
Tomatoes	Whiteflies	sulfoxaflor	SC	240 g/l	Closer 240 SC	9694	3	Dow AgroSciences SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Tomatoes	Erinose mite; Rust mite	sulfur	DP	980 g/kg	Ag-Chem Dusting Sulphur	7379		Ag-Chem Africa
Tomatoes	Erinose mite; Rust mite	sulfur	DP	980 g/kg	Crop Dusting Sulphur	7376		Sunwood Chem
Tomatoes	Erinose mite; Rust mite	sulfur	DP	980 g/kg	Dusting Sulphur	5261		Universal Crop Protection
Tomatoes	Erinose mite; Rust mite	sulfur	DP	980 g/kg	Dusting Sulphur	9127		Orchard Agrikem
Tomatoes	Erinose mite; Rust mite	sulfur	DP	980 g/kg	Vine and Dusting Sulphur	1252		Plaaskem (Nulandis)
Tomatoes	Rust mite	sulfur	SC	700 g/l	Flowable Sulphur	142		Applied Chemical Products (Nulandis)
Tomatoes	Rust mite	sulfur	SC	800 g/l	Eco Fungimite	8756		Agro-Serve t/a Efekto
Tomatoes	Rust mite	sulfur	SC	800 g/l	Sulfomaxx	9941		Ag-Chem Africa
Tomatoes	Rust mite	sulfur	SC	800 g/l	SulfoStar	6982		Ag-Chem Africa
Tomatoes	Erinose mite; Rust mite	sulfur	WG	800 g/kg	Cosavet	6355		Sulphur Chemical Mills
Tomatoes	Rust mite	sulfur	WG	800 g/kg	Kumulus WG	2404		BASF South Africa
Tomatoes	Rust mite	sulfur	WG	800 g/kg	Microthiol Special	5329		Total South Africa
Tomatoes	Erinose mite; Rust mite	sulfur	WG	800 g/kg	Striker	6628		Chempac
Tomatoes	Erinose mite; Rust mite	sulfur	WG	800 g/kg	Sulgran	5727		Sunwood Chemicals
Tomatoes	Rust mite	sulfur	WG	800 g/kg	Sulphur WDG	6045		Kenchem Trading
Tomatoes	Erinose mite; Rust mite	sulfur	WP	800 g/kg	Wettable Sulphur	6933		Sunwood Chemicals
Tomatoes	African bollworm	tau-fluvalinate	EW	240 g/l	Klartan 240 EW	5096		Adama SA
Tomatoes	Whitefly	thiamethoxam	SC	240 g/l	Actara SC	7207	41 days	Syngenta SA
Tomatoes	Whiteflies	thiamethoxam	WG	250 g/kg	Devaxam 250 WG	9333		DVA Chemicals SA
Tomatoes	Whitefly	thiamethoxam	WG	250 g/kg	Thiatox 250 WDG	9190		Villa Crop Protection
Tomatoes	Whitefly	thiamethoxam	WG	250 g/kg	Thixam 250 WDG	9191		Universal Crop Protection
Tomatoes	Semi-looper	trichlorfon	SP	950 g/kg	Trichlorfon 950 SP	6566		Almond Agro Chemicals (Pty Ltd
Tomatoes	Semi-looper	trichlorfon	SP	950 g/kg	Trichlorfon 950 SP	6686		Tsunami Plant Protection /ta Arysta LS
Tomatoes	African bollworm	zeta-cypermethrin	EW	100 g/l	Fury 10 EW	6696		FMC
Tree nuts	False codling moth	chlorantraniliprole	SC	200 g/l	Coragen	8529	10 days	Du Pont de Nemours Int SA
Tree nuts	False codling moth	chlorantraniliprole	WG	350 g/kg	Altacor	8467	10 days	Du Pont de Nemours Int SA
Tree nuts	False codling moth	dodecenyl acetate E8/dodecenyl acetate Z8	VP	15/15 g/kg	RB Splat FCM	10259		River Bioscience
Tree nuts	False codling moth	indoxacarb	EC	150 g/l	Steward 150 EC	8435	14 days	Du Pont de Nemours Int SA
Turf	Mole crickets	fipronil	SC	200 g/l	Nova Fip 200 SC	9477		AgriNova Trust
Turf	Nematodes	furfural	EC	800 g/l	Crop Guard 80	9253		Illovo Sugar Ltd
Turf	Nematodes	furfural	EC	900 g/l	Turf Guard	8367		Illovo Sugar Ltd
Turmeric	Aphids	thiamethoxam	SC	240 g/l	Actara SC	7207		Syngenta SA
Turnips	Thrips	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Turnips	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Various	Gerbils; Mice; Rats	brodifacoum	RB	0,05 g/kg	Recuse Bait Block	9447		Villa Crop Protection
Various	Gerbils; Mice; Rats	brodifacoum	RB	0,05 g/kg	Reduce Bait Block	9448		Universal Crop Protection
Various	Gerbils; Mice; Rats	coumatetralyl	RB	0,375 g/kg	Rumour Grain Bait	9496		Universal Crop Protection
Various crops	Nematodes	1,3 dichloropropene	AL	1110 g/l	Tolerance 1110 AL	9223		Villa Crop Protection
Various crops	Nematodes	1,3 dichloropropene	AL	1110 g/l	Trimple 1110 AL	9224		Universal Crop Protection
Various crops	Nematodes; Wireworm	1,3-dichloropropene/chloropicrin	FU	390/596 g/kg	Tri-Form 60	9839		Trical Crop Protection Africa
Various crops	Cutworm	alpha-cypermethrin	EC	100 g/l	Fastac EC	4991		BASF South Africa
Various crops	Cutworm	alpha-cypermethrin	EC	100 g/l	Magnum Super EC	6679		Technichem
Various crops	Cutworms	alpha-cypermethrin	EC	100 g/l	Sentry EC	7966		Volcano Agrosience /ta Arysta LS
Various crops	Cutworms	alpha-cypermethrin	EW	100 g/l	Ichiban 100 EW	9248		Meridian Agrochemical Co.
Various crops	Cutworms	alpha-cypermethrin	SC	100 g/l	Ag-Alpha Cyper 100 SC	8473		Ag-Chem Africa
Various crops	Cutworms	alpha-cypermethrin	SC	100 g/l	Alpha-thrin 100 SC	7425		Villa Crop Protection
Various crops	Cutworm	alpha-cypermethrin	SC	100 g/l	Avalanche	6807		Klub M5
Various crops	Cutworm	alpha-cypermethrin	SC	100 g/l	Fastac SC	4992		BASF South Africa
Various crops	Cutworm	alpha-cypermethrin	SC	100 g/l	Polytrin Super 100 SC	7262		Universal Crop Protection
Various crops	Fruit flies	alpha-cypermethrin/protein hydrolysate	RB	0,01/5 g/bait station	M3 Fruitfly Bait Station	6675		Green Trading CC
Various crops	Storage pests	aluminium phosphide	GE-pellet	560 g/kg	Aluminium Phosphide Pellets	6279		RT Chemicals
Various crops	Storage pests	aluminium phosphide	GE-Pellet	560 g/kg	Quickphos Pellets	7500		Coopers Environmental Science
Various crops	Storage pests	aluminium phosphide	GE-sachet	560 g/kg	Aluminium Phosphide Sachets	6278		RT Chemicals
Various crops	Cutworms	beta-cyfluthrin	SC	125 g/l	Bulldock Beta 125 SC	7612		Bayer
Various crops	Cutworms	beta-cypermethrin	EC	100 g/l	Akito	6709		Cropserve/Arysta Lifescience SA
Various crops	Aphids; Red spider mite; Whitefly	canola oil/garlic extract	SL	478/478 g/l	Kannar Kangar	7145		Kannar CC
Various crops	Aphids; Astylus beetle; Red spider mite; Whitefly	canola oil/garlic extract/piperonyl butoxide	SL	473/473/10 g/l	Kannar Pygar	7146		Kannar CC
Various crops	African bollworm; Ants; Aphids; Astylus beetle; Whitefly	canola oil/garlic extract/pyrethrins/piperonyl butoxide	SL	250/642/14/50 g/l	KangroShield 100	7630		Kannar CC
Various crops	Elegant grasshopper	carbaryl	DP	50 g/kg	Carbaryl Dust 50 DP	7627		Universal Crop Protection
Various crops	Army worm; Elegant grasshopper	carbaryl	DP	50 g/kg	Karbadust	493		Agro-Serve t/a Efekto
Various crops	Elegant grasshopper	carbaryl	DP	50 g/kg	Karbadust 50 DP	1081		Villa Crop Protection
Various crops	Chafer beetle	carbaryl	WP	850 g/kg	Carbaryl	3250		Kombat
Various crops	Elegant grasshopper	carbaryl	WP	850 g/kg	Carbaryl 850 WP	7626		Universal Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Various crops	Elegant grasshopper	carbaryl	WP	850 g/kg	Karba 850 WP	1195		Villa Crop Protection
Various crops	Army worm; Elegant grasshopper	carbaryl	WP	850 g/kg	Karbaspray	2569		Agro-Serve t/a Efekto
Various crops	Army worm; Elegant grasshopper	carbaryl	WP	850 g/kg	Kombat Karbacure	3243		Kombat
Various crops	Seed storage	carbaryl	WS	17 g/kg	Carbatreat	7277		Kombat
Various crops	Ants; Army worm; Cutworm	carbaryl/deltamethrin	DP	15/0,75 g/kg	Everdeath	6281		Agro-Serve t/a Efekto
Various crops	Millipedes; Slugs; Snails	carbaryl/metaldehyde	RB	20/30 g/kg	Allowin	9538		Universal Crop Protection
Various crops	Snails; Slugs	carbaryl/metaldehyde	RB	20/30 g/kg	Avisnail	2694		Avima
Various crops	Slugs; Snails	carbaryl/metaldehyde	RB	20/30 g/kg	Sluggem	84		Orchard Agrikem
Various crops	Slugs; Snails	carbaryl/metaldehyde	RB	20/30 g/kg	Snail Bait	2484		Kombat
Various crops	Slugs; Snails	carbaryl/metaldehyde	RB	20/30 g/kg	Snailban	2434		Agro-Serve t/a Efekto
Various crops	Slugs; Snails	carbaryl/metaldehyde	RB	20/30 g/kg	Snails	7095		Makhro-Agro SA
Various crops	Slugs; Snails	carbaryl/metaldehyde	RB	20/30 g/kg	Speedy RB	8097		Ag-Chem Africa
Various crops	Millipedes; Slugs; Snails	carbaryl/metaldehyde	RB	20/30 g/kg	T-Rex	9537		Villa Crop Protection
Various crops	Slugs; Snails	carbaryl/metaldehyde	SC	80/120 g/l	Snailflo	1793		Agro-Serve t/a Efekto
Various crops	Slugs; Snails	carbaryl/metaldehyde	SC	80/120 g/l	Snailspray	7894		Ag-Chem Africa
Various crops	Nematodes; Wireworm	chloropicrin	FU	855 g/kg	PIC Plus	9554		Trical Crop Protection Africa
Various crops	Nematodes	chloropicrin/dichloropropene (1,3)	FU	465/850 g/l	Telopic	7164		Dow Agroscience SA
Various crops	Storage pests	chlorpyrifos-methyl	EC	400 g/l	Reldan 40 EC	5358		Dow AgroSciences SA
Various crops	Seed storage	chlorpyrifos-methyl	EC	500 g/l	Reldan	3057		Degesch SA
Various crops	Cutworms	cypermethrin	EC	20 g/l	Fruitfly	3343		Kombat
Various crops	Ants; Cutworm	cypermethrin	EC	20 g/l	Garden Ripcord	3666		Agro-Serve t/a Efekto
Various crops	Cutworms	cypermethrin	EC	200 g/l	Ag-Cypermethrin 200 EC	8491		Ag-Chem Africa
Various crops	Cutworm	cypermethrin	EC	200 g/l	Avi-Sipermetrin EC	3980		Avima
Various crops	Cutworm	cypermethrin	EC	200 g/l	Bitrad Cypermethrin	7014		Bitrad Consulting
Various crops	Cutworms	cypermethrin	EC	200 g/l	Cyperin 200 EC	5321		Nulandis
Various crops	Cutworm	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4069		Agro-Serve t/a Efekto
Various crops	Cutworm	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4644		Universal Crop Protection
Various crops	Cutworm	cypermethrin	EC	200 g/l	Farmag Cypermethrin	3207		Castle Ag-Chem
Various crops	Armyworm; Cutworm	cypermethrin	EC	200 g/l	Kemprin 200 EC	3145		Arysta Lifescience SA /Protek
Various crops	Cutworms	cypermethrin	EC	200 g/l	Knox Worm	7176		Arysta LS/Protek
Various crops	Cutworm	cypermethrin	EC	200 g/l	Polytrin 200 EC	5409		Villa Crop Protection
Various crops	Cutworms	cypermethrin	EC	200 g/l	Sipermetrien	4889		Arysta Lifescience SA /Protek
Various crops	Nematodes	dazomet	GE	980 g/kg	Basamid Granular	277		Mitsui & Co.
Various crops	Cutworms	deltamethrin	AL	60 mg/l	Servus RTU	8420		Makhro-Agro SA
Various crops	Cutworms	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Various crops	Cutworms	deltamethrin	EC	25 g/l	Ag-Deltamethrin 25 EC	8492		Ag-Chem Africa

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Various crops	Cutworms	deltamethrin	EC	25 g/l	Celtis 25 EC	7965		Volcano Agrosience /ta Arysta LS
Various crops	Cutworms	deltamethrin	EC	25 g/l	Delta-Thrin 25 EC	7263		Universal Crop Protection
Various crops	Cutworms	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Various crops	Cutworm	deltamethrin	EC	25 g/l	Deltis 2,5% EC	6511		Almond Agro Chemicals (Pty Ltd)
Various crops	Cutworms	deltamethrin	EC	25 g/l	Servus	7271		Adama SA
Various crops	Cutworms	deltamethrin	EW	25 g/l	Zenit	9073		Meridian Agrochemical Co.
Various crops	Fruit flies	deltamethrin	RB	10 mg/device	Magnet MED	10063		Spectrum Research Services
Various crops	Cutworms; Short-horn grasshoppers	deltamethrin	SC	10 g/l	Aphids	8500		Kombat
Various crops	Cutworms; Short-horn grasshoppers	deltamethrin	SC	10 g/l	Garden Insects	8502		Kombat
Various crops	Nematodes	dichloropropene (1,3)	AL	1 110 g/l	Telone II	5223		Dow AgroSciences SA
Various crops	Nematodes	dichloropropene (1,3)	AL	1100 g/l	Dilone AL	8936		Erintrade CC t/a R.T. Chemicals
Various crops	Fruit fly	dimethoate	EC	400 g/l	Danadim Progress	8868		Cheminova (Disa Bio-Technologies CC)
Various crops	Fruit fly	dimethoate	EC	400 g/l	Dimeto 40 EC	1042		Avima
Various crops	Nematodes	EDB	AL	1 800 g/l	Cropchem EDB MO	4426		Cropchem
Various crops	Nematodes	EDB	AL	1800 g/l	EDB	5629		Mebrom Chemicals
Various crops	Nematodes	EDB	AL	1800 g/l	EDB Concentrate Solution	4509		Cropchem
Various crops	Nematodes	EDB	AL	1800 g/l	EDB MO	4431		Universal Crop Protection
Various crops	Nematodes	EDB	AL	1800 g/l	EDB MO	6524		Mebrom Chemicals
Various crops	Nematodes	EDB	AL	2170 g/l	EDB-TEK	6632		Mebrom Chemicals
Various crops	Nematodes	EDB	AL	2170 g/l	EDB-TEK	7375		Chemfit Technical Products
Various crops	Cutworms	esfenvalerate	EC	200 g/l	Sumi-Alpha 200 EC	6452		Philagro South Africa
Various crops	Cutworms	esfenvalerate	EC	50 g/l	Sumicidin Super	6381		Philagro South Africa
Various crops	Cutworms	esfenvalerate	EW	200 g/l	Sumi-Alpha 200 EW	8821		Philagro South Africa
Various crops	Aphids; Beetles; Caterpillars; Whitefly	fatty acids/pyrethrins	EW	192,40/2,69 g/l	Natural Insecticide	5075		Agro-Serve t/a Efekto
Various crops	Nematodes	fenamiphos	EC	400 g/l	Bonfire 400 EC	7646		Villa Crop Protection
Various crops	Nematodes	fenamiphos	EC	400 g/l	Fenamiphos 400 EC	7647		Universal Crop Protection
Various crops	Nematodes	fenamiphos	EC	400 g/l	Nemacur 400 EC	367		Villa Crop Protection
Various crops	Cutworm	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	4187		Universal Crop Protection
Various crops	Cutworm	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	4603		Avima
Various crops	Cutworms	fenvalerate	EC	200 g/l	Fenvalerate 200 EC	7185		Villa Crop Protection
Various crops	Slugs; Snails	ferric sodium EDTA	RB	60 g/kg	Multiguard Snail & Slug Control	7510		Nutribasics
Various crops	Nematodes	furfural	EC	800 g/l	Crop Guard 80	9253		Illovo Sugar Ltd
Various crops	Nematodes	furfural	EC	900 g/l	Crop Guard	6864		Illovo Sugar Ltd

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Various crops	Nematodes	furfural	EC	990 g/l	Protect	7534		Illovo Sugar Ltd
Various crops	Cutworm	gamma-cyhalothrin	CS	60 g/l	Vantex 60 CS	7227		Cheminova (Disa Bio-Technologies CC)
Various crops	African bollworm; Corn earworm; Cotton bollworm; Native budworm; Tobacco budworm	Helicoverpa armigera nucleopolyhedrovirus	SC	5x10(9) OBs/ml	Helicovir	8484		River Bioscience
Various crops	African bollworm	Helicoverpa armigera nucleopolyhedrovirus	SC	7,5 x 10(12) Obs/ml	Bolldex	8895		Madumbi Sustainable Agriculture
Various crops	African bollworm	Helicoverpa armigera nucleopolyhedrovirus	SC	7,5 x 10(12) Obs/ml	Graboll	9295		Chempac
Various crops	Ants	hydramethylnon	RB	12 g/kg	Trojan Ant Bait	8999		Avima
Various crops	Cutworms; Fall armyworm	indoxacarb	SC	150 g/l	Addition 150 SC	9146		Villa Crop Protection
Various crops	Cutworms	indoxacarb	SC	150 g/l	Advance 150 SC	9147		Universal Crop Protection
Various crops	Slugs; Snails	iron phosphate	RB	10 g/kg	Ferramol	7058		Warren Chem
Various crops	Cutworm	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Various crops	Cutworms	lambda-cyhalothrin	CS	50 g/l	Karis 5 CS	9267		GAT Microencapsulation SA
Various crops	Cutworms	lambda-cyhalothrin	EC	50 g/l	Ag-Lambda 50 EC	8472		Ag-Chem Africa
Various crops	Cutworm	lambda-cyhalothrin	EC	50 g/l	Attacke	7669		Erintrade CC t/a R.T. Chemicals
Various crops	Cutworm	lambda-cyhalothrin	EC	50 g/l	Cylam 50 EC	8261		Gouws & Scheepers
Various crops	Cutworm	lambda-cyhalothrin	EC	50 g/l	Judo 50 EC	7785		Villa Crop Protection
Various crops	Cutworm	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Various crops	Cutworm	lambda-cyhalothrin	EC	50 g/l	Lambda 50 EC	7787		Universal Crop Protection
Various crops	Cutworms	lambda-cyhalothrin	EC	50 g/l	Lambda EC	8546		Arysta Lifescience SA
Various crops	Cutworm	lambda-cyhalothrin	EC	50 g/l	Makhrolam 5 EC	8141		Makhro-Agro SA
Various crops	Cutworm	lambda-cyhalothrin	EC	50g/l	Lamdex 5 EC	7578		Adama SA
Various crops	Ants; Army worm; Shorthorn grasshoppers	mercaptotion	DP	50 g/kg	Malathion DP	5966		Agro-Serve t/a Efekto
Various crops	Astylus beetle; Army worm; Chafer beetles; Lesser army worm; Short-horn grasshopper	mercaptotion	DP	50 g/kg	Merkaptotion DP	4278		Avima
Various crops	Ants; Fruitfly	mercaptotion	EC	500 g/l	Avi Gard	216		Avima
Various crops	Fruit fly	mercaptotion	EC	500 g/l	Datathion 500 EC	828		Nulandis
Various crops	Ants; Fruit flies	mercaptotion	EC	500 g/l	Kombat Garden Insects	4469		Kombat
Various crops	Ants; Army worm; Fruit fly; Short-horn grasshoppers	mercaptotion	EC	500 g/l	Malasol	1353		Agro-Serve t/a Efekto
Various crops	Ants; Fruitfly	mercaptotion	EC	500 g/l	Malathion	8317		Kombat
Various crops	Ants; Army worm; Fruit fly; Short-horn grasshoppers	mercaptotion	EC	500 g/l	Malathion 50% EC	4235		Agro-Serve t/a Efekto
Various crops	Army worm; Fruitflies	mercaptotion	EC	500 g/l	Mercaptotion 500 EC	4394		Dow AgroSciences SA
Various crops	Ants; Astylus beetle; Fruit flies; Short-horn grasshopper	mercaptotion	WP	250 g/kg	Avi Merkaptotoks	3031		Avima
Various crops	Fruit flies	mercaptotion/methyl eugenol	RB	5/15 g/bait station	Invader-b-Lok	8585		River Bioscience
Various crops	Fruit flies	mercaptotion/methyl eugenol	RB	5/15 ml/bait station	Bi-ME Mat Blocks	9803		Chempac
Various crops	Astylus beetle; Army worms; Chafer beetles; Short-horn grasshopper	mercaptotion/pyrethrins	DP	50/0,4 g/kg	Pythion 5% DP	2124		Avima

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Various crops	Slugs; Snails	metaldehyde	EC	200 g/l	Snail Liquid	3602		Kombat
Various crops	Slugs; Snails	metaldehyde	RB	15 g/kg	Escargo 15 RB	9057		Ag-Chem Africa
Various crops	Slugs; Snails	metaldehyde	RB	15 g/kg	Sluggit Pellets	6660		Orchard suppliers
Various crops	Slugs; Snails	metaldehyde	RB	15 g/kg	Snail Bait	7096		Makhro-Agro SA /Protek
Various crops	Slugs; Snails	metaldehyde	RB	15 g/kg	Snailban-M	5708		Agro-Serve t/a Efekto
Various crops	Slugs; Snails	metaldehyde	RB	15 g/kg	Snails	5466		Kombat
Various crops	Snails	metaldehyde	RB	30 g/kg	Axcela	9863	7 days	Arch Water Products
Various crops	Slugs; Snails	metaldehyde	RB	30 g/kg	Sharda Metaldehyde 3 GB Snail and Slug Bait	9520		Sharda International Africa CC
Various crops	Slugs; Snails	metaldehyde	RB	40 g/kg	Mollxide	6486		Chempac
Various crops	Slugs; Snails	metaldehyde	RB	50 g/kg	Elirex	8657	7 days; No F	Universal Crop Protection
Various crops	Snails	metaldehyde	RB	50 g/kg	Enthral	9515		Villa Crop Protection
Various crops	Snails	metaldehyde	RB	50 g/kg	Entice	9266		Universal Crop Protection
Various crops	Slugs; Snails	metaldehyde	RB	50 g/kg	Metarex	8656		Villa Crop Protection
Various crops	Slugs; Snails	metaldehyde	RB	50 g/kg	Sharda Metaldehyde 5 GB Snail and Slug Bait	9518		Sharda International Africa CC
Various crops	Dusty surface beetle; Millipedes; Slugs; Snails	metaldehyde/methiocarb	RB	10/5 g/kg	Mesurool Super Snail Pellets	5615		Bayer
Various crops	Snails; Slugs	metaldehyde/methiocarb	RB	10/5 g/kg	Moer-Tu	7989		Ag-Chem Africa
Various crops	Slugs; Snails	metaldehyde/methiocarb	RB	10/5 g/kg	Slugger	9524		Orchard Suppliers
Various crops	Nematodes	metam-potassium	AL	690 g/l	Tamifume K 690	7704		D & J Agro Pesticides (Taminco N.V.)
Various crops	Nematodes	metam-sodium	AL	510 g/l	Herbifume	138		Nulandis
Various crops	Nematodes	metam-sodium	AL	510 g/l	Metafume	6874		Chemfit
Various crops	Nematodes	metam-sodium	AL	510 g/l	Nemasol	6296		D & J Agro Pesticides (Taminco N.V.)
Various crops	Nematodes	metam-sodium	AL	510 g/l	Raisan 51	8588		Nulandis
Various crops	Nematodes	metam-sodium	AL	510 g/l	Vapam	7858		Universal Crop Protection
Various crops	Nematodes	metam-sodium	AL	510 g/l	Vault 510 SL	9144		Universal Crop Protection
Various crops	Nematodes	metam-sodium	AL	510 g/l	Wabek 510 SL	9145		Villa Crop Protection
Various crops	Nematodes	metam-sodium	AL	510g/l	Ag-Fume	7365		Ag-Chem Africa
Various crops	Cutworms; Dusty surface beetle	quinalphos	GB	5 g/kg	Bonus	3614		Kombat
Various crops	Cutworms	sodium fluosilicate	GR	100 g/kg	Cutworm Bait	8070		Avima
Various crops	Cutworm	sodium fluosilicate	GR	100 g/kg	Cutworms	3130		Kombat/Protek
Various crops	Cutworms	sodium fluosilicate	RB	100 g/kg	Cutworm Bait	22		Kombat
Various crops	Cutworms	sodium fluosilicate	RB	100 g/kg	Cutworm Bait *	1100		Agro-Serve t/a Efekto
Various crops	Fruit fly	spinosad	CB	0,24 g/l	Eco Fruitfly Bait GF-120 *	7333		Agro-Serve t/a Efekto
Various crops	Fruitflies	spinosad	CB	0,24g/l	Gf-120 NF	7331		Dow AgroSciences SA
Various crops	Fruit flies	spinosad/methyl eugenol	CB	20/510 g/l	Static Spinosad ME	9074		Dow AgroSciences SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Various crops	Cutworm; Fruit fly	trichlorfon	SP	950 g/kg	Trichlorfon 950 SP	6566		Almond Agro Chemicals (Pty Ltd
Various crops	Cutworms; Fruitfly	trichlorfon	SP	950 g/kg	Trichlorfon 950 SP	6686		Tsunami Plant Protection /ta Arysta LS
Various crops	Cutworm	zeta-cypermethrin	EW	100 g/l	Fury 10 EW	6696		FMC
Vegetables	False codling moth	dodecenyil acetate E8/dodecenyil acetate Z8	VP	15/15 g/kg	RB Splat FCM	10259		River Bioscience
Veld & Grazing	Moles	Allium sativum	AL	45 g/l	Mole Repellent	6271		Agro-Serve t/a Efekto
Veld & Grazing	Moles	Allium sativum	SL	400 g/l	Mole-Go	7073		Down to Earth
Veld & Grazing	Army worm	alpha-cypermethrin	EC	100 g/l	Fastac EC	4991		BASF South Africa
Veld & Grazing	Army worm	alpha-cypermethrin	SC	100 g/l	Fastac SC	4992		BASF South Africa
Veld & Grazing	Gerbilles; Mice; Moles; Rats	aluminium phosphide	GE - pellets	560 g/kg	Gastoxin Pellets	5376		Bernardo Chemicals
Veld & Grazing	Gerbilles; Mice; Moles; Porcupines; Rabbits	aluminium phosphide	GE - tablet	570 g/kg	Aluminium Phosphide TB	8214		Volcano Agrosience /ta Arysta LS
Veld & Grazing	Gerbilles; Mice; Moles; Rats	aluminium phosphide	GE-pellet	560 g/kg	Aluminium Phosphide Pellets	6279		RT Chemicals
Veld & Grazing	Gerbilles; Mice; Moles; Rats	aluminium phosphide	GE-Tablet	560 g/kg	Aluminium Phosphide Tablets	6277		RT Chemicals
Veld & Grazing	Gerbilles; Mice; Moles; Porcupines; Rabbits; Rats	aluminium phosphide	GE-Tablet	560 g/kg	Gastoxin Tablets	5377		Bernardo Chemicals
Veld & Grazing	Mice, Rats	brodifacoum	BB	0,05 g/kg	Jaguar Blox	8259	n/a	MC Pharma
Veld & Grazing	Mice, Rats	brodifacoum	BB	0,05 g/kg	Kill-All Wedges	7265		Almond Agrochemicals/Protek
Veld & Grazing	Mice, Rats	brodifacoum	CB	0,5 g/l	Kill-All Liquid	7163		Almond Agrochemicals/Protek
Veld & Grazing	Mice, Rats	brodifacoum	RB	0,02 g/kg	Kill-All Pellets	7162		Almond Agrochemicals/Protek
Veld & Grazing	Gerbils; Mice; Rats	brodifacoum	RB	0,05 g/kg	Pulse Pellets	6190		Lifeguard Sciences
Veld & Grazing	Gerbils; Mice; Rats	brodifacoum	RB	0,05 g/kg	Pulse Wax Blocks	6189		Lifeguard Sciences
Veld & Grazing	Gerbilles; Mice; Rats	brodifacoum	RB	0,05 g/kg	Rodex Bait Blocks	6965		Innovative Pest Management
Veld & Grazing	Gerbilles; Mice; Rats	brodifacoum	RB	0,05 g/kg	Rodex Grain Bait	6966		Innovative Pest Management
Veld & Grazing	Gerbilles; Mice; Rats	brodifacoum	RB	0,05 g/kg	Rodex Rat and Mouse Pellets	6969		Innovative Pest Management
Veld & Grazing	Northern harvester termite	carbaryl	RB	16 g/kg	Harvester Termite Bait	4980		Kombat
Veld & Grazing	Northern harvester termite	carbaryl	RB	16 g/kg	Kamikaze	4216		Agro-Serve t/a Efekto
Veld & Grazing	Army worm; Elegant grasshopper	carbaryl	SC	480g/l	Sevin XLR Plus	5783		Universal Crop Protection
Veld & Grazing	Army worm; Elegant grasshopper	carbaryl	WP	850 g/kg	Carbaryl	3250		Kombat
Veld & Grazing	Army worm	carbaryl	WP	850 g/kg	Carbaryl 850 WP	7626		Universal Crop Protection
Veld & Grazing	Army worm	carbaryl	WP	850 g/kg	Karba 850 WP	1195		Villa Crop Protection
Veld & Grazing	Gerbilles; Mice; Rats	carbon bisulphide/cresylic acid/paradichlorbenzene	AL	260/115/150 g/l	Antipest Soil Solution	4307		Pest Control Bureau
Veld & Grazing	Army worm	chlorpyrifos	EC	480 g/l	Chlorpyrifos EC	5867		Cropchem

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Veld & Grazing	Red billed quelea	cyanophos	UL	520 g/l	Falcolan	6058		Symbiosis Technologies
Veld & Grazing	Northern harvester termite	cypermethrin	EC	20 g/l	Garden Ripcord	3666		Agro-Serve t/a Efekto
Veld & Grazing	Army worm	cypermethrin	EC	200 g/l	Bitrad Cypermethrin	7014		Bitrad Consulting
Veld & Grazing	Army worm	cypermethrin	EC	200 g/l	Cyperin 200 EC	5321		Nulandis
Veld & Grazing	Army worm; Northern harvester termite	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4069		Agro-Serve t/a Efekto
Veld & Grazing	Army worm	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4644		Universal Crop Protection
Veld & Grazing	Army worm	cypermethrin	EC	200 g/l	Doodskoot EC	3285		WPK Landbou
Veld & Grazing	Army worm	cypermethrin	EC	200 g/l	Farmag Cypermethrin	3207		Castle Ag-Chem
Veld & Grazing	Army worm; Northern harvester termite	cypermethrin	EC	200 g/l	Makhro Cyper	7750		Makhro-Agro SA
Veld & Grazing	Army worm	cypermethrin	EC	200 g/l	Polytrin 200 EC	5409		Villa Crop Protection
Veld & Grazing	Army worm	cypermethrin	EC	200 g/l	Sipermethrin	4889		Arysta Lifescience SA /Protek
Veld & Grazing	Army worm	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Veld & Grazing	Army worm	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7263		Universal Crop Protection
Veld & Grazing	Army worm	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Veld & Grazing	Short-horn grasshoppers	deltamethrin	SC	10 g/l	Aphids	8500		Kombat
Veld & Grazing	Short-horn grasshoppers	deltamethrin	SC	10 g/l	Garden Insects	8502		Kombat
Veld & Grazing	Locust	deltamethrin	UL	12 g/l	Decis UL 12	5189		Bayer
Veld & Grazing	Locust	deltamethrin	UL	7 g/l	Decis UL 7	6053		Bayer ES
Veld & Grazing	Grasshoppers; Locusts	esfenvalerate	EW	200 g/l	Sumi-Alpha 200 EW	8821		Philagro South Africa
Veld & Grazing	Red billed quelea	fenthion	UL	640 g/l	Queletox 640 UL	3689		Bayer Crop
Veld & Grazing	Northern harvester termite	fipronil	RB	0,18 g/kg	Regent Harvester Termite Bait	6064		BASF South Africa
Veld & Grazing	Harvester termites	fipronil	SC	200 g/l	Ciplapro-Nil 200	9383		Castle Ag-Chem
Veld & Grazing	Northern harvester termite	fipronil	SC	200 g/l	Citrunii 200 SC	8380		Tsunami Plant Protection /ta Arysta LS
Veld & Grazing	Mole crickets; Northern harvester termite	fipronil	SC	200 g/l	Dynamite SC	8408		Villa Crop Protection
Veld & Grazing	Harvester termites	fipronil	SC	200 g/l	Fipronil 200 SC	9114		Sharda International Africa CC
Veld & Grazing	Harvester termites	fipronil	SC	200 g/l	Nova Fip 200 SC	9477		AgriNova Trust
Veld & Grazing	Northern harvester termite	fipronil	SC	200 g/l	Regent 200 SC	4910		BASF South Africa
Veld & Grazing	Northern harvester termite	fipronil	SC	200 g/l	Warden 200 SC	9428		Arysta Lifescience SA
Veld & Grazing	Gerbilles; Mice; Rats	flocoumafen	BB	0,05 g/kg	Storm Secure	5204		BASF SA
Veld & Grazing	Nematodes	furfural	EC	900 g/l	Crop Guard	6864		Illovo Sugar Ltd
Veld & Grazing	Northern harvester termite	imidacloprid	WS	700 g/kg	Courage 700 WS	8002		Volcano Agrosience /ta Arysta LS
Veld & Grazing	Northern harvester termite	imidacloprid	WS	700 g/kg	Sombrero 700 WS	8444		Adama SA
Veld & Grazing	Northern harvester termite	imidacloprid	WS	700 g/kg	Stallion	7991		Tsunami Plant Protection /ta Arysta LS
Veld & Grazing	Fall armyworm	indoxacarb	SC	150 g/l	Addition 150 SC	9146		Villa Crop Protection
Veld & Grazing	Fall armyworm	indoxacarb	SC	150 g/l	Advance 150 SC	9147		Universal Crop Protection
Veld & Grazing	Army worm; Fall armyworm	mercaptotion	EC	500 g/l	Datathion 500 EC	828		Nulandis

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Veld & Grazing	Grasshoppers; Locusts	Metarhizium anisopliae	WP	5x10 (10) spores/g	Green Muscle TC	6198		Becker Underwood SA
Veld & Grazing	Army worm	methomyl	SL	200 g/l	Methomate 200 SL	8123		Villa Crop Protection
Veld & Grazing	Army worm	methomyl	SL	200 g/l	Methomex 200 SL	5253		Adama SA
Veld & Grazing	Army worm	methomyl	SL	200 g/l	Methomyl 200 SL	7100		Universal Crop Protection
Veld & Grazing	Army worm	methomyl	SL	200 g/l	Mylomex 200 SL	4367		Nulandis
Veld & Grazing	Army worm	methomyl	SP	900 g/kg	Ciplamyl 90 SP	3436		Cipla Agricare
Veld & Grazing	Army worm	methomyl	SP	900 g/kg	Lannate 900 SP	2011		Du Pont de Nemours
Veld & Grazing	Army worm	methomyl	SP	900 g/kg	Makhromex 900 SP	8140		Makhro-Agro SA
Veld & Grazing	Army worm	methomyl	SP	900 g/kg	Methomex 900 SP	5254		Adama SA
Veld & Grazing	Army worm	methomyl	SP	900 g/kg	Methomyl 100 SP	6873		Tsunami Plant Protection
Veld & Grazing	Army worm	methomyl	SP	900 g/kg	Methomyl 90 SP	5931		Universal Crop Protection
Veld & Grazing	Army worm	methomyl	SP	900 g/kg	Methomyl 90 SP	7189		Villa Crop Protection
Veld & Grazing	Army worm; Fall armyworm	methomyl	SP	900 g/kg	Mylomex 900 SP	4783		Nulandis
Veld & Grazing	Army worm	methomyl	SP	900 g/kg	Spitfire 900 SP	8197	7 days	Bitrad Consulting
Veld & Grazing	Northern harvester termite	sodium fluosilicate	RB	75 g/kg	Harvester Termite Bait	5284		Pest Control Bureau
Veld & Grazing	Army worm	trichlorfon	SP	950 g/kg	Trichlorfon 950 SP	6566		Almond Agro Chemicals (Pty Ltd
Veld & Grazing	Army worm	trichlorfon	SP	950 g/kg	Trichlorfon 950 SP	6686		Tsunami Plant Protection /ta Arysta LS
Veld & Grazing	Army worm	zeta-cypermethrin	EW	100 g/l	Fury 10 EW	6696		FMC
Veld & Grazing	Gerbilles; Mice; Rats	zinc phosphide	RB	20 g/kg	Avi Knaagdood	4273		Avima
Veld & Grazing	Gerbilles; Mice; Rats	zinc phosphide	RB	40 g/kg	Extermarat	2855		Pest Control Bureau
Veld & Grazing	Gerbilles	zinc phosphide	RB	40 g/kg	Hyperrat	7351		Arysta Lifescience SA
Veld & Grazing	Gerbils; Mice	zinc phosphide	RB	800 g/kg	Farmag Zinc Phosphide	10022		Cedar Falls Properties 130
Walnuts	Codling moth; False codling moth	Bacillus thuringiensis var. kurstaki	WG	100 000 ITU/mg	BeTa Pro	8834	0	BASF South Africa
Walnuts	False codling moth	Beauveria bassiana	EC	4x10(9) spores/ml	Broadband	8270	0	BASF South Africa
Walnuts	African bollworm; Carob moth; Codling moth; False codling moth; Litchi moth; Stinkbug complex	chlorantraniliprole/lambda-cyhalothrin	CS	100/50 g/l	Ampligo	8685		Syngenta SA
Walnuts	Stinkbug	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Walnuts	Stinkbug	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Walnuts	Fruit sucking bug; Stinkbug	pymetrozine	WG	500 g/kg	Chess	8104		Syngenta SA
Warehouses	Flies	(Z)-9 tricoseno/imidacloprid	RB	5/5 g/kg	Victor Fly Bait	9662		Adama SA
Water	Mosquito larvae (not mentioned in text)	temephos	EC	500 g/l	Abate 500 E	2413		BASF SA
Water	Mosquito larvae (not mentioned in text)	temephos	EC	500 g/l	Mostop	4622		Coopers Environmental Science
Water areas	Black fly larvae; Mosquito larvae	Bacillus thuringiensis		1200 ITU/mg	Teknar HP-D	3260		Wefco Marketing
Water areas	Mosquito larvae	diflubenzuron	WP	250 g/kg	Diflubenzuron 250 WP	9413		Sharda International Africa CC
Water situations	Mosquito larvae	Bacillus thuringiensis subsp israelensis	WG	3 000 ITU/mg	Vectobac WG	7224		Valent Biosciences

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Water situations	Mosquito larvae (not mentioned in text)	temephos	EC	500 g/l	Temeguard	5438		Arysta Lifescience SA
Wheat	Leafminer	abamectin	EC	18 g/l	Unimectin 18 EC	7978		Universal Crop Protection
Wheat	Brown ear aphid; Oat aphid; Common wheat aphid	acetamiprid	SP	200 g/kg	Acetamiprid 200 SP	9348		Sharda International Africa CC
Wheat	Aphids	acetamiprid	SP	200 g/kg	Allice 20 SP	8723		Arysta Lifescience SA
Wheat	Aphids	acetamiprid	SP	200 g/kg	Magnitude 200 SP	9226		Universal Crop Protection
Wheat	Aphids	acetamiprid	SP	200 g/kg	Maintain 200 SP	9225		Villa Crop Protection
Wheat	Aphids	acetamiprid	SP	200 g/kg	Mospilan 20 SP	5899		Mitsui & Co.
Wheat	Aphids	acetamiprid	SP	200 g/kg	Mulan 20 SP	9167		Adama SA
Wheat	Aphids	acetamiprid	SP	200 g/kg	Tamprid	9582		Meridian Agrochemical Co.
Wheat	Aphids	acetamiprid	SP	200 g/kg	Wonderland 200 SP	10057		Cedar Falls Properties 130
Wheat	Brown ear aphid; Oat aphid; Common wheat aphid	acetamiprid	WG	200 g/kg	Devalan 20 SP	9492		DVA Chemicals SA
Wheat	Aphids	acetamiprid	WG	200 g/kg	Mospilan 20	8192		Mitsui & Co.
Wheat	African bollworm	alpha-cypermethrin	EC	100 g/l	Fastac EC	4991		BASF South Africa
Wheat	African bollworm	alpha-cypermethrin	SC	100 g/l	Avalanche	6807		Klub M5
Wheat	African bollworm	alpha-cypermethrin	SC	100 g/l	Fastac SC	4992		BASF South Africa
Wheat	African bollworm	alpha-cypermethrin	SC	100 g/l	Magnum Super SC	7816		Technichem Crop Protection
Wheat	African bollworm	beta-cyfluthrin	SC	125 g/l	Bulldock Beta 125 SC	7612		Bayer
Wheat	African bollworm	beta-cypermethrin	EC	100 g/l	Akito	6709		Cropserve/Arysta Lifescience SA
Wheat	Nematodes	carbofuran	GR	100 g/kg	Alvuran 100 G	4881		Nulandis
Wheat	Nematodes	carbofuran	GR	100 g/kg	Carbofuran	6649		Volcano Agrosciences
Wheat	Nematodes	carbofuran	GR	100 g/kg	Carbofuran 100 GR	6945		Universal Crop Protection
Wheat	Nematodes	carbofuran	GR	100 g/kg	Curaterr 10 GR	871		Bayer
Wheat	Nematodes	carbofuran	GR	100 g/kg	Furadan 10 GR	7558		FMC Chemicals (pty)Ltd
Wheat	Nematodes	carbofuran	GR	100 g/kg	Carbofuran 100 GR	7182		Villa Crop Protection
Wheat	Aphids; Russian aphid	chlorpyrifos	CS	250 g/l	Pyrinex 250 CS	6515		Adama SA
Wheat	Aphids	chlorpyrifos	EC	480 g/l	Agropyrifos 480 EC	4888		Arysta Lifescience SA
Wheat	Aphids	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	5417		Makhteshim-Agan SA
Wheat	Aphids	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6272		Arysta Lifescience SA
Wheat	Aphids; Russian aphid	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	6350		Universal Crop Protection
Wheat	Aphids; Russian aphid	chlorpyrifos	EC	480 g/l	Chlorpyrifos 480 EC	7183		Villa Crop Protection
Wheat	Aphids	chlorpyrifos	EC	480 g/l	Chlorpyrifos EC	5867		Cropchem
Wheat	Green aphid; Russian aphid	chlorpyrifos	EC	480 g/l	Chlorpyrifos	10017		Meridian Agrochemical Co.
Wheat	Aphids; Russian aphid	chlorpyrifos	EC	480 g/l	Dursban 480 EC	5225		Dow AgroSciences SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Wheat	Aphids; Russian aphid	chlorpyrifos	EC	480 g/l	Lirifos 480 EC	4883		Gouws & Scheepers (Nulandis)
Wheat	Aphids; Russian aphid	chlorpyrifos	EC	480 g/l	Makhrofos 480 EC	7973		Makhro-Agro SA
Wheat	Aphids	chlorpyrifos	EC	480 g/l	Pyrifos 480 EC	6397		Applied Agricultural Products (Nulandis)
Wheat	Aphids; Russian aphid	chlorpyrifos	EC	480 g/l	Pyrinex 480 EC	4673		Adama SA
Wheat	Aphids	chlorpyrifos	EC	480 g/l	Rochlop 480 EC	5905		Rotam RSA
Wheat	Aphids; Russian aphid	chlorpyrifos	WG	750 g/kg	Dursban 750 WG	6589	32 days, 35 (grazing)	Dow AgroSciences SA
Wheat	Aphids; Fall armyworm; Russian aphid	chlorpyrifos/cypermethrin	EC	450/5 g/l	Cyepifos 500EC	7606		Nulandis
Wheat	African bollworm	chlorpyrifos/lambda-cyhalothrin	EC	338/12 g/l	Limit 350 EC	8601		Villa Crop Protection
Wheat	African bollworm	chlorpyrifos/lambda-cyhalothrin	EC	338/12 g/l	Linear 350 EC	8602		Universal Crop Protection
Wheat	African bollworm	cypermethrin	EC	200 g/l	Avi-Sipermetrin EC	3980		Avima
Wheat	African bollworm	cypermethrin	EC	200 g/l	Chanrai Cypermethrin 200 EC	8843		Chanrai SA
Wheat	African bollworm	cypermethrin	EC	200 g/l	Cypermethrin 200 EC	4069		Agro-Serve t/a Efekto
Wheat	African bollworm	cypermethrin	EC	200 g/l	Doodskoot EC	3285		WPK Landbou
Wheat	African bollworm	cypermethrin	EC	200 g/l	Polytrin 200 EC	5409		Villa Crop Protection
Wheat	Army worm	cypermethrin	EC	200 g/l	Polytrin 200 EC	5409		Villa Crop Protection
Wheat	African bollworm; Armyworm	deltamethrin	EC	100 g/l	Decis Forte	6563		Bayer
Wheat	African bollworm	deltamethrin	EC	25 g/l	Ag-Deltamethrin 25 EC	8492		Ag-Chem Africa
Wheat	African bollworm	deltamethrin	EC	25 g/l	Celtis 25 EC	7965		Volcano Agrosience /ta Arysta LS
Wheat	African bollworm	deltamethrin	EC	25 g/l	Delta-Thrin 25 EC	7263		Universal Crop Protection
Wheat	African bollworm	deltamethrin	EC	25 g/l	Delta-thrin 25 EC	7426		Villa Crop Protection
Wheat	African bollworm	deltamethrin	EC	25 g/l	Deltis 2,5% EC	6511		Almond Agro Chemicals (Pty Ltd)
Wheat	African bollworm	deltamethrin	EC	25 g/l	Servus	7271		Adama SA
Wheat	Aphids; False chinch bug; Mite; Russian aphid	demeton-S-methyl	EC	250 g/l	Demeton EC	4852		Universal Crop Protection
Wheat	Aphids; False chinch bug; Mite	demeton-S-methyl	EC	250 g/l	Demeton-S-Methyl	4508		Cropchem
Wheat	Aphids; False chinch bug; Mite; Russian aphid	demeton-S-methyl	EC	250 g/l	Demetox EC	2057		Avima
Wheat	Aphids; False chinch bug; Mite; Russian aphid	demeton-S-methyl	EC	250 g/l	Demicide 250 EC	7865		Ag-Chem Africa
Wheat	Aphids	dimethoate	EC	400 g/l	Butcher	6313		Klub M5
Wheat	Aphids; Russian aphid	dimethoate	EC	400 g/l	Danadim Progress	8868		Cheminova (Disa Bio-Technologies CC)
Wheat	Aphids; Russan aphid	dimethoate	EC	400 g/l	Deus 400 EC	7610		Ag-Chem Africa
Wheat	Brown aphids; Green aphids; Russian aphid	dimethoate	EC	400 g/l	Dictate	9858		Meridian Agrochemical Co.
Wheat	Aphids; Russian aphid	dimethoate	EC	400 g/l	Dimethoate	4823		Wenkem
Wheat	Russian aphids, green aphids, brown aphids	dimethoate	EC	400 g/l	Dimethoate	6060		Universal Crop Protection
Wheat	Aphids; Russian aphid	dimethoate	EC	400 g/l	Dimethoate	7059		Volcano Agrosiences

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Wheat	Aphids; Russian aphid	dimethoate	EC	400 g/l	Dimethoate	8455		Universal Crop Protection
Wheat	Brown aphids; Green aphids	dimethoate	EC	400 g/l	Dimethoate 400 EC	10088	21 days	Bitrad Kaap
Wheat	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	4507		Cropchem
Wheat	Aphids	dimethoate	EC	400 g/l	Dimethoate EC	5367		Tsunami Plant Protection /ta Arysta LS
Wheat	Aphids; Russian aphid	dimethoate	EC	400 g/l	Dimethoate EC	7940		Makhro-Agro SA
Wheat	Aphids; Russian aphid	dimethoate	EC	400 g/l	Dimeto 40 EC	1042		Avima
Wheat	Aphids; Russian aphid	dimethoate	EC	400 g/l	Genoate EC	8195		Villa Crop Protection
Wheat	African bollworm	esfenvalerate	EC	200 g/l	Sumi-Alpha 200 EC	6452		Philagro South Africa
Wheat	African bollworm	esfenvalerate	EC	50 g/l	Sumicidn Super	6381		Philagro South Africa
Wheat	African bollworm	esfenvalerate	EW	200 g/l	Sumi-Alpha 200 EW	8821		Philagro South Africa
Wheat	African bollworm	gamma-cyhalothrin	CS	60 g/l	Vantex 60 CS	7227		Cheminova (Disa Bio-Technologies CC)
Wheat	Russian aphid	imidacloprid	FS	350 g/l	Exseed 350 FS	7870		Bayer
Wheat	Russian aphid	imidacloprid	FS	350 g/l	Gaucho 350 FS	7849		Bayer
Wheat	Russian aphid	imidacloprid	FS	600 g/l	Gaucho 600 FS	6562		Bayer
Wheat	Russian aphid	imidacloprid	FS	600 g/l	Ronsek 600 FS	8573		Villa Crop Protection
Wheat	Russian aphid	imidacloprid	FS	600 g/l	Seedoprid 600 FS	10042		Adama SA
Wheat	Russian aphids	imidacloprid	FS	600 g/l	Seedoprid 600 FS	10042		Adama SA
Wheat	Russian aphid	imidacloprid	FS	600 g/l	Solect 600 FS White	8572		Universal Crop Protection
Wheat	Russian aphid	imidacloprid	WS	700 g/kg	Askari 70 WS	8541		DVA Chemicals SA
Wheat	Russian aphid	imidacloprid	WS	700 g/kg	Courage 700 WS	8002		Volcano Agrosience /ta Arysta LS
Wheat	Russian aphid	imidacloprid	WS	700 g/kg	Imidacloprid 700 WS	8446	100 days	Sharda International Africa CC
Wheat	Russian aphid	imidacloprid	WS	700 g/kg	Picus 70 WS	7762		Cheminova
Wheat	Russian aphid	imidacloprid	WS	700 g/kg	Picus 70 WS	8381		Cheminova
Wheat	Russian aphid	imidacloprid	WS	700 g/kg	Sombrero 700 WS	8444		Adama SA
Wheat	Russian aphid	imidacloprid	WS	700 g/kg	Stallion	7991		Tsunami Plant Protection /ta Arysta LS
Wheat	African bollworm	kairomone mix/sugar stimulant	bait	25/625 g/l	Bio-Attract Heli	8725		Tsunami Plant Protection /ta Arysta LS
Wheat	African bollworm	lambda-cyhalothrin	CS	100 g/l	Karate Zeon 10 CS	9023		Syngenta SA
Wheat	African bollworm	lambda-cyhalothrin	CS	50 g/l	Karis 5 CS	9267		GAT Microencapsulation SA
Wheat	African bollworm	lambda-cyhalothrin	EC	50 g/l	Ag-Lambda 50 EC	8472		Ag-Chem Africa
Wheat	African bollworm	lambda-cyhalothrin	EC	50 g/l	Cylam 50 EC	8261		Gouws & Scheepers
Wheat	African bollworm	lambda-cyhalothrin	EC	50 g/l	Judo 50 EC	7785		Villa Crop Protection
Wheat	African bollworm	lambda-cyhalothrin	EC	50 g/l	Karate EC	3752		Syngenta SA
Wheat	African bollworm	lambda-cyhalothrin	EC	50 g/l	Lambda 50 EC	7787		Universal Crop Protection
Wheat	African bollworm	lambda-cyhalothrin	EC	50 g/l	Lambda EC	8546		Arysta Lifescience SA
Wheat	African bollworm	lambda-cyhalothrin	EC	50 g/l	Makhrolam 5 EC	8141		Makhro-Agro SA

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Wheat	African bollworm	lambda-cyhalothrin	EC	50 g/l	Shamda 50 EC	10258		Sharda International Africa CC
Wheat	African bollworm	lambda-cyhalothrin	EC	50g/l	Lamdex 5 EC	7578		Adama SA
Wheat	American bollworm	lambda-cyhalothrin	EW	50 g/l	Lambada Aquamul	9583		Meridian Agrochemical Co.
Wheat	Army worm; Fall armyworm; Lesser army worm	mercaptopthion	EC	500 g/l	Datathion 500 EC	828		Nulandis
Wheat	African bollworm	methomyl	SL	200 g/l	Methomate 200 SL	8123		Villa Crop Protection
Wheat	African bollworm	methomyl	SL	200 g/l	Methomex 200 SL	5253		Adama SA
Wheat	African bollworm	methomyl	SL	200 g/l	Methomyl 200 SL	7100		Universal Crop Protection
Wheat	African bollworm	methomyl	SL	200 g/l	Mylox 200 SL	4367		Nulandis
Wheat	African bollworm	methomyl	SP	900 g/kg	Ciplamyl 90 SP	3436		Cipla Agricare
Wheat	African bollworm	methomyl	SP	900 g/kg	Kuik 900 SP	5602		Rotam RSA
Wheat	African bollworm	methomyl	SP	900 g/kg	Lannate 900 SP	2011		Du Pont de Nemours
Wheat	African bollworm	methomyl	SP	900 g/kg	Makhromex 900 SP	8140		Makhro-Agro SA
Wheat	African bollworm	methomyl	SP	900 g/kg	Masta 900 SP	9449		Arysta Lifescience SA
Wheat	African bollworm	methomyl	SP	900 g/kg	Methomex 900 SP	5254		Adama SA
Wheat	African bollworm	methomyl	SP	900 g/kg	Methomyl 100 SP	6873		Tsunami Plant Protection
Wheat	African bollworm	methomyl	SP	900 g/kg	Methomyl 90 SP	5931		Universal Crop Protection
Wheat	African bollworm	methomyl	SP	900 g/kg	Methomyl 90 SP	7189		Villa Crop Protection
Wheat	African bollworm; Fall armyworm	methomyl	SP	900 g/kg	Mylox 900 SP	4783		Nulandis
Wheat	African bollworm	methomyl	SP	900 g/kg	Spitfire 900 SP	8197	7 days	Bitrad Consulting
Wheat	Aphids	mevinphos	EC	150 g/l	Mevinfos EC	4315		Universal Crop Protection
Wheat	Aphids	mevinphos	EC	240 g/l	Phosdrin 240 EC	7267		Universal Crop Protection
Wheat	Aphids	mevinphos	SL	500 g/l	Phosdrin 500 SL	4995		Universal Crop Protection
Wheat	Aphids; Red legged sand mite	omethoate	SL	800 g/l	Folimat 800 SL	2316		Arysta Lifescience SA
Wheat	Aphids	parathion	EC	500 g/l	Avi-Parathion EC	1946		Avima
Wheat	Aphids	parathion	EC	500 g/l	Parathion 500 EC	4297		Universal Crop Protection
Wheat	Russian aphid	phorate	GR	100 g/kg	Forate GR	5930		Universal Crop Protection
Wheat	Aphids	pirimicarb	WG	500 g/kg	Apex 500 WDG	8475		Villa Crop Protection
Wheat	Aphids	pirimicarb	WG	500 g/kg	Aphox	3428		Syngenta SA
Wheat	Aphids	pirimicarb	WG	500 g/kg	Unipex 500 WDG	8474		Universal Crop Protection
Wheat	Aphids	tau-fluvalinate	EW	240 g/l	Klartan 240 EW	5096		Adama SA
Wheat	Aphids; Russian aphid	thiamethoxam	FS	350 g/l	Cruiser	6288		Syngenta SA
Wheat	Russian aphid	thiamethoxam	FS	600 g/l	Cruiser White	7546		Syngenta SA
Wheat	Russian aphid	thiamethoxam	FS	600 g/l	Raider 600 FS White	9111		Universal Crop Protection
Wheat	Russian aphid	thiamethoxam	FS	600 g/l	Sorento 600 FS	9110		Villa Crop Protection

Crop	Problem	Active/s	F/T	Conc	Product name	L No.	P.H.I	Company name
Wheat	Aphids; Russian aphid	thiamethoxam	WG	250 g/kg	Thiatox 250 WDG	9190		Villa Crop Protection
Wheat	Aphids	thiamethoxam	WG	250 g/kg	Thiamax 250 WDG	9191		Universal Crop Protection
Wheat	Russian aphid	thiamethoxam	WS	700 g/kg	Tacoma 700 WG	8857		Arysta Lifescience SA
Wheat	African bollworm	zeta-cypermethrin	EW	100 g/l	Fury 10 EW	6696		FMC

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