

2012

LIST OF OFFICIALLY APPROVED  
PESTICIDES FOR USE IN ST.VINCENT  
AND THE GRENADINES

PESTICIDE CONTROL BOARD  
(MINISTRY OF AGRICULTURE)

PESTICIDES CONTROL ACT, 1973



# FORMULATION CODES

AE = AEROSOL DISPENSOR

AS = AQUEOUS SOLUTION

B = BAIT

BB = BLOCK BAIT

BL = BLOCKS

CL = CONTACT LIQUID OR GEL

CP = CONTACT POWDER

DC = DISPENSABLE CONCENTRATE

DS = POWDER FOR DRY SEED TREATMENT

EC = EMULSIFIABLE CONCENTRATE

EG = EMULSIFIABLE GRANULE

GR = GRANULE

GP = FLO-DUST

LC = LIQUID CONCENTRATE

LQD = LIQUID

MC = MOQUITO COIL

P = POWDER

PA = PASTE

PC = GEL OR PASTE CONCENTRATE

PLT = PELLETS

SB = SOLVENT BASE

SC = SUSPENSION CONCENTRATE (FLOWABLE CONCENTRATE)

SP = WATER SOLUBLE POWDER

WP = WETTABLE POWDER

WSL = WATER SOLUBLE LIQUID

SC = SUSPENSION CONCENTRATE or FLOWABLE

DP = DUSTABLE POWDER

EW = OIL in WATER EMULSION

OF = OIL MISCIBLE SUSPENSION (concentrate)

SL = SOLUBLE CONCENTRATE

TB = TABLETS

WG = WATER DISPERSIBLE GRANULES

MG = MICROGRAULES

OL = OILMISCIBLE GRANULES

UL = ULTRA LOW VOLUME LIQUID

VP = VAPOUR RELEASING PRODUCT

WP = WETTABLE POWDER

WS = WATER DISPERSABLE POWDER

## RESTRICTED PESTICIDE

TRADE NAME	COMMON NAME	FORMULATION	REGISTERED USE	TOXICITY CLASS
Dursban TC	Chlorpyrifos	EC	Termite control only	
EkaluxForte	Quinaphos	EC	To be used by certified pesticide operators with fully protective clothing for control of sucking insects, mites and caterpillars in non bearing pigeon peas and tree crops	1b
Prelude	Permethrin	EC	Termites control only	II
Topedo	Permethrin	EC	Termites control only	II
Bankit	Azoxystrobin	WP	Leaf spot in banana	IV
Siganex	Pyrimethanil	SC	Leaf spot in banana	IV
Impulse	Spiroxamine	EC	Leaf spot in banana	IV
Tilt	Propiconazole	EC	Leaf spot in banana	
Volley	Fenpropimorph	OL	Leaf spot in banana	

## ACARICIDES

TRADE NAME	COMMON NAME	FORMULATION	REGISTERED USE	TOXICITY CLASS
Torque	Fenbutatin Oxide	DF	Mites in agricultural crops	III
New mectin 1.8	Abamectin	EC		II

## FUNGICIDES

TRADE NAME	COMMON NAME	FORMULATION	REGISTERED USE	TOXICITY CLASS
Acrobat MZ 69 WP	Dimetomorph+ mancozeb	WP	Phytophthora, downy mildew, pythium, fruit rot	IV
Amistar 50 WG	Azoxystrobin	WG	Rust, Net blotch, leaf spot	IV
Anvil 5 Sc	Hexaconazole	LQD	Sigatoka in bananas and plantains	IV
Banrot 40 WP	Etridiazole Thiophanate methyl	WP	Soil fungi: Pythium, phytophthora, rhizoctonia and fusarium	IV
Bavistin	Carbendazim	DF	Botrytis and Sclerotinia in vegetables, Blue mould in citrus and Blackspot	IV
Bellis	Boscalid	WP	Downy mildew, powdery mildew, early and late blight, Leaf spot, gummy stem blight	IV
Bellis 38 WG	Boscalid + Pyraclostrobin	WG	Downy mildew, powdery mildew, early and late blight, Leaf spot, gummy stem blight	IV
Bio-life 20SL	Asorbic acid	SL	Aphids, caterpillars	IV
Bravo 500	Chlorothalonil 40%	WP	Cercospora leafspot, mildew, southern blight, septoria, phytophthora, rhizoctonia and rust in vegetables	IV
Captan	Captan	WP	Blackrot, downy mildew, early and late blight, pythium,	IV

			septoria leafspot in vegetables	
Cascozeb	Mancozeb	DF	Early and Late blight, Anthracnose, Rust, Downy mildew, Alternaria spot, Leafspot, Fursarium	III
Chipco 26019	Iprodione	WP	Dollar spot, fusarium blight, alternaria and rhizoctonia in ornamental and turf grasses	IV
Control Flowable	Chlorothalonil	SC	Early and Late blight, Leafspot, Anthracnose Downy mildew	II
Copper plus 13 SP	Copper Sulphate	SP		
Cupravit blue	Cupravit blue	Cupravit blue	Downy and powdery mildew, late blight, Bacterial Black Rot	IV
Dacomil 2787 w-75	Chlorothalonil 75%	WP	Cercospora leafspot, mildew, southern blight, septoria, phytophthora, rhizoctonia and rust in vegetables	IV
Dithane M45	Mancozeb	WP	Anthracnose, early and late blight, downy mildew, various rots, rust and scab in tree crops, vegetables and legumes	IV
Fungaflor	Imazalil	SP	Crown rot in banana	II
Neozil	Imazalil	SP	Crown rot in banana	II
Kocide 101 50 WP	Copper hydroxide 50%	WP	Early and late blight, mildews, cercospora leafspot, bacterial spot, anthracnose, blackrot, black pod, melanose, scab and rusting tree crops, vegetables and legumes	III

Mankocide	Zinc, Copper Hydroxide, Mancozeb	DF	Control bacterial blight, early blight, late blight, botrytis leaf blight, downy mildew, powdery mildew	III
Manzate 200 DF	Mancozeb 83%	DF	Anthracoze, phytophthora, downy mildew, blackrot, cercospora leaf spot, early and late blight, and alternaria leaf spot in vegetables, tree crops, legumes and ornamental	IV
Peltar	Maneb 50% + Thiophanate-methyl 25%	WP	Mildew, leafmoulds, fusarium spp, Anthracnose, anernaria leafspot and verticillum spp.in vegetables	IV
Phyton 27	Copper Sulphate	LQD	Erwinia, Psuedononas, Xanthomnas, powdery mildew, downy mildew, phytophthora, alternaria and botrytis in vegetables and ornamental plants. Soil drench and foliar spray	II
Ridomil gold Mz 68 wp	Metalaxyl-Mefenoxam + Mancozeb	WP	Control early and late blight, downy mildew	IV
Ridomil mz	Metalaxyl	WP	Phytophthora and Pythium in vegetables, tree crops, pineapples and root crops. Also as postharvest dip for root crops	IV
Rizolex 50 WP	Tolclofos- methyl	WP	Rhizoctonia, <i>Sclerotium rolfsii</i> , Damping-off	III

Safer® Brand Garden Defense Multipurpose Spray Concentrate	Clarified Hydrophobic Extract of Neem oil	EI	Black spot, powdery mildew, rust, needle rust, downy mildew, anthracnose, scab and flower botrytis, twig and tip blight	Safer Brand Inc.
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## HERBICIDES

TRADE NAME	COMMON NAME	FORMULATION	REGISTERED USE	TOXICITY CLASS
2,4-D	Amine	SC	Broadleaf weeds on lawn and non-crop areas	II
Amine	Dimethylamine salt	EC	broadleaf weeds	II
Basta	Glufosinate-ammonium	SL	Annual and perennial broadleaf weeds and grasses	IV
Carista	Ammonium (20%) Glufosinate	SL	Annual and perennial broadleaf weeds and grass	IV
Carzone	Metribuzin 75%	DF	Control of annual grasses, numerous broadleaf weeds	III
Chemquat	Paraquat	SC	Control broadleaf weeds and grasses	II
Gesagard 50 WP	Prometryn	LP	Pre-emergence weeds in vegetables,	IV



			aroids and legumes	
Gesapax combi 500 FW	Ametryne and Atrazine	SC	Pre-emergence weeds in banana, citrus, pineapple and sugar cane	III
Glufocas	Ammonium DL-homoalanin-4-yl (methyl) phosphinate	SL	broadleaf weeds, annual grasses	III
Gramoxone	Paraquat	EC	Non selective weeds in banana and other crops	II
Gramocil	Paraquat/Diuron	SC	Non selective weeds in banana and other crops	II
Herbadox 330 E	Pendimethalin	EC	Post-emergence in onion	IV
Lasso	Alachor	EC	Pre-emergence weeds in peanuts	IV
Round Ultra	Glyphosate	EC	broadleaf weeds and annual and perennial grasses	IV
Round-up	Glyphosate 41%	WSL	Non selective weeds in banana and other crops	IV
Roundup EZ	Glyphosate	EZ	broadleaf weeds and annual and perennial grasses	IV
Sencor	Metribuzin	DF	broadleaf weeds, annual grasses	III
Tordon	Picloram, 2,4-D	SL	unwanted shrubs and trees	III
Touchdown	Glyphosate trimesium	SL	Post-emergence	II

			systemic weed control in banana, plantain and other crops	
Touchdown 480 SL	Glyphosate trimesium	SL	broadleaf weeds and grasses	II

## INSECTICIDES

TRADE NAME	COMMON NAME	FORMULATION	USE 'REGISTERED' FOR	TOXICITY CLASS
Sevin 5 WP	Carbaryl 5%	WP	Livestock pests	II
Ambush 50 EC	Permethrin	EC	Aphids, caterpillars, leafminers, budworms, pod borers, stink bugs, whiteflies, pink worm on vegetables and legumes	IV
Actara	Thiamethoxam	WG	Control aphids, whiteflies, thrips	IV
Actellic 50 EC	Pirimiphosmethyl	EC	Leaf eating insects on agricultural crops , insect pests on stored product and public health pest	III
Admire 2	Imidacloprid	WP	Control leafhoppers, aphids, thrips, whiteflies	IV
Agaclin	Alpha- cypermethrin	WG	Fruit worms, tomato pinworm, diamondback moth, soil pest	III
Agro IBA 98 SP	4-indole-3-ylbutyric acid	SP	Promote cell growth, roots and fruitage and prevent fruit dropping	IV
Aza- Direct	Azadirachtin Inert from neem extract	EC	Control caterpillars, beetles, aphids, whiteflies, leafhoppers, leafminers, scale insect, mites	IV
Basudin 40 WP	Diazinon	WP	Soil insects, mealy bugs, beetles, mites, aphids, leaf hoppers, corn earworm, and scales on vegetables and other crops	III

Basudin 60 EC	Diazinon 40%	EC	Soil insects, mealy bugs, beetles, mites, aphids, leaf hoppers, corn earworm, and scales on vegetables and other crops	II
Baygon	Permethrin 0.10%	UL	Flies, cockroaches and other insect	II
Bio-Neem Oil	Azadirachtin	OL	Thrips, leafminers, diamondback moth	IV
Bop	Allethrin 0.10%, Tetramethrin 0.10%	UL	Flies, cockroaches and other insect	II
Caprid 20 SL	Acetamiprid	SC	White flies	
Cascade	Flufenoxuron	DC	Control cockroaches,	III
Cure	Abamectin 1.8%	EC	Control leafminers, cockroaches, ants, mites	II
Decis 2.5 EC	Deltamethrin	EC	Beetles, Caterpillar on vegetables and houseflies	IV
Delta-M 2.5 EC	Deltamethrin	EC	Mole cricket and other soil pest	II
Demand 10 CS	Lambda- cyhalothrin	LQD	Household pests including ants, bees, beetles, centipedes, cockroaches, fleas, flies, millipedes, mosquitoes, scorpions, silverfish, rice, weevil	II
Demon Ec/Max	Cyperthermin	EC	Cockroaches, ants, mole cricket, beetles	III
Dipel	Bacillus Thuringiensis	WP	Caterpillars on vegetables	IV
Evisect	Thiocyclam	WP	caterpillars, beetles, sucking insects, flies on vegetables and treecrops and legumes	II
Fastac	Alpha-cypermethrin	EC	Lepidoptera, coleopterous, hemipterous foliar and fruit pest. Also Diptera, Orthoptera and Thysanoptera pest in vegetables	II
Icon 2.5 EC	Lambda cyhalothrin	EC	Household pests	II
Karate 2.5 EC	Lambda-cyhalothrin	EC	Aphids, whiteflies, beetles, caterpillar, flies midges in vegetables and legumes	Ib
Malathion 57% EC	Malathion 57%	EC	Lepidopterous, cloeopterous, hemipterous, orthoptera and thysanoptera, foliar pest in vegetables, legumes, treecrops and rootcrops	III
Maxforce (roach gel)	Fipronil	GEL	Cockroaches in domestic environment	II
Maxforce Ant Killer Bait	Fipronil	GR	Ants in domestic environment	II

Maxforce FC Killer Roach Gel	Fipronil	GEL	Cockroaches in domestic environment	II
Maxforce Roach Killer Bait	Fipronil	GEL	Cockroaches in domestic environment	II
Maxforce Roach Killer Bait Station	Fipronil	WAXY SOLID	Cockroaches in domestic environment	II
Maxforce Roach Killer Bait Station	Fipronil	WAXY SOILD	Cockroaches in domestic environment	II
M-Pede	Potassium salts of fatty acids 49%	LQD	Aphids, mealy bugs, mites, scales, thrips and white flies in treecrops vegetables and ornamental	IV
Neem-x	Azadirachtin	LQD	Thrips, mealy bugs, army worms, leafminers, leafhoppers, caterpillar and several other insects in vegetables fruit and ornamental plants	IV
New mectin 1.8	Abamectin	EC	Leaf miners, beetles, mites	II
NewCyper- 10 EC	Cypermethrin	EC	Roaches, ants, mold cricket, flies	IV
No-molt	Insect growth regular	SC	Caterpillar in vegetables	IV
Phoenix	Flubendimide 20%	WG	Control of Diamond back moth, cutworms, tomato pinworm	IV
Phostoxin	Aluminum Phosphide	PLT	Stored produce pest	II
Pirate 24	Chlorfernapyr	SC	Control thrips, mites, caterpillars,	II
Pirimor 50 DP	Pirimicarb	DP	Aphids in agricultural crops	II
Regent 200 SC	Fipronil 2	SC	Controlling diamondback moth, weevils, grasshoppers	II
Sevin 85 WP	Carbaryl 85%	WP	Aphids, leafhoppers, scales, caterpillar and grass hopper in vegetables, legumes and other crops. Also as seed protectant	II
Solignum colourless	Permethrin 0.2%	SB	Insects and fungi on lumber	IV
Solignum Medium Brown Exterior	Strained Anthracnose oil-coal tar creosote	SB	Boring Insects on lumber	IV
Speckoz	Esfenvalerate bifenthrin 7.9%	EC	Ants, cockroaches, mole cricket	III
Steadfast	Alphacypermethrin	EC	Control chewing and sucking insects stink bugs,	IV

Sunspray	Refine petroleum distillate	Ultra fine oil	Ahids, mites, leaf minors, mealybugs and white flies in treecrops , vegetables and ornamentals	
Vertimec	Abamectin 1.8	EC	Control of mites, leafminers	IV
Vydate L	Oxamyl(Methy N N-dimethylcarbamoxyloxy)-1-thiooxamimidale 24%	EC	Aphids, thrips, leafhoppers, beetles, weevils	I
Safer® Brand Bio Neem® Multipurpose Insecticide and Repellent concentrate	Azadirachtin and Ethyl alcohol	Lqd	Beet armyworms, caterpillars, fruit flies, leaf hoppers, leaf miners, loopers, mealybugs, Mexican bean beetles, thrips, white flies, bagworms, elm leaf beetles, grasshoppers, gypsy moth, hornworms, pine sawflies, spruce budworms, psyllids, tent caterpillars, weevils, mole crickets, sob worms, white grubs, corn ear worms, cucumber beetles, cutworms, tomato fruit worms, diamond-back worms, bud worms	Safer Brand Inc.
Safer® Brand End All™ Insect Killer (RTU)	Natural/organic pyrethrin, potassium salts of fatty acids, clarified hydrophobic extract of neem oil, denatured ethanol, hydrochloric acid	Lqd	Stink bugs, aphids, various beetles, caterpillars, larvae, gypsy moth caterpillars, tent caterpillars, cabbage loopers, armyworms. diamond-back worms, webworms, harlequin bugs, leafhoppers, mealybugs and white flies	Safer Brand Inc
Safer® Brand Insect Killer Soap Concentrate II	Potassium salts of fatty acids and ethyl alcohol	Lc	Aphids, thrips, earwigs, mites, tent caterpillars, leafhoppers, bugs, whiteflies, grasshoppers, spider mites, cottony cushion scale, black scale, red scale	Safer Brand Inc.
Safer® Brand Garden Defense Multipurpose Spray Concentrate	Clarified Hydrophobic Extract of Neem oil	EI	Spider mite, aphids, white flies, beetles, leaf rollers	Safer Brand Inc
safer® Brand Caterpillar Killer	Bacillus thuringienis	SI	Tent caterpillars, gypsy moth larvae, bud worms, bags worms, span worms, spring and fall canker worms, cabbage worms, cabbage loopers, tomato horn worms, web worms and other leaf eating caterpillars	Safer Brand Inc

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## NEMATOCIDES

TRADE NAME	COMMON NAME	FORMULATION	REGISTERED USE	TOXICITY CLASS
Sincocin	Plant Extract 0.56%	LQD	Controlling reniform nematode <i>Rotylenchulus renifor,</i>	IV
Vydate EC	Oxamyl	EC	Nematodes and soil insects on banana	Ib
Vydate L Blue	Oxamyl (Methy N N-dimethylcarbamoxyloxy)-1-thiooxamimidale 24%	SL	<i>Meloidogyne</i> genus the root knot nematode	Ib

## RODENTICIDES

TRADE NAME	COMMON NAME	FORMULATION	USED REGISTERED FOR	TOXICITY CLASS
Flick Rat Cake	Chlorophacinone	B	Rodents in general	IV
Klerat Pellets	Brodifacoum 0.005%	PLT	Rodents in general	IV
Klerat Wax Blocks	Brodifacoum	BL	Rodents in general	IV
Racumin ready bait	Coumatetralyl	P	Rodents in general	IV
Racumin Tracking Powder	Coumatetralyl	P	Rodents in general	IV
Ramik Green	Diphacinone	PLT	Rodents in general	IV
Storm	Flocoumafen	B	Rodents in general	IV

## TERMITICIDES

TRADE NAME	COMMON NAME	FORMULATION	REGISTERED USE	TOXICITY CLASS
Speckoz	Esfenvalerate bifenthrin 7.9%	EC	Termites	III
Steadfast	Alphacypermethrin	EC	Protection against termites	IV
Solignum	Solvent naphthal	SB	Protection against termites, woodborers and fungi	IV
Prelude	Permethrin	EC	Termites control only	II
Topedo	Permethrin	EC	Termites control only	II

## MOLLUSCICIDES

TRADE NAME	COMMON NAME	FORMULATION	USE Registered for	Toxicity class
Metaldehyde Slug Bait	Metaldehyde/ Carbary	GR	Slugs and snails in crops	IV
Slugit Liquid	Metaldehyde 20%	AS	Slugs and snails in crops	III
Deadline MPs	Metaldehyde	LQD	Slugs and snails	III
Mollusk	Metaldehyde	B	Slugs and snails	III