



Directory of Microbial Pesticides for Agricultural Crops in OECD Countries



Revised September 2005



Agriculture and
Agri-Food Canada

Agriculture et
Agroalimentaire Canada

Directory of Microbial Pesticides for Agricultural Crops in OECD Countries

by

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Revised September 2005

This report is for reference only. Please read product labels carefully

Please report errors or omissions to kabalukt@agr.gc.ca

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This directory is searchable

Using the 'Search' command in Adobe Acrobat

Introduction

This directory represents microbial pesticide products registered for managing agricultural invertebrate pests in various member countries of the Organization for Economic Cooperation and Development (OECD). Occasionally, products with application peripheral to agriculture are listed (e.g. mosquito management in rice fields) as are some forestry uses. The products listed are based on fungi, bacteria, viruses, protozoa, or nematodes. Searches for products began by accessing data housed on web sites of CAB International, Environmental Protection Agency (USA), Biopesticide Alliance (USA), the National Pesticide Information Centre (USA), and the Society for Invertebrate Pathology. Searching these sites and conducting internet searches for certain known microbial pesticides led to the networking with websites of microbial pesticide manufactures from around the world.

The business of microbial pesticides is dynamic, with product discontinuations, de-registrations, lapsing registrations, company mergers and acquisitions, selling of product rights, and renaming of products occurring on a regular basis. For most of the products in this directory, companies were contacted by email, telephone, or fax to i) confirm that the product is registered and available; ii) to confirm that all products listed on manufacturer web sites are all those currently available; iii) to acquire the product label(s) where required; and iv) to confirm the countries of registration. They were also regarded as manufactured and available if they were offered for sale on company websites. When required, non-English product labels were translated to acquire the information for the directory. Products were eliminated from the directory if i) the manufacturer was no longer in business; ii) the product was no longer registered; or iii) the product was no longer being manufactured or sold (although it may still be registered). One company had hundreds of formulated products among several countries and therefore chose to summarize representative product names and formulations. On a few other occasions there were new products available beyond those that were listed on a manufacturer web site. These products were added to the directory, but for some, companies did not wish to share all of the countries of registration. While this directory may not be exhaustive, the products listed are all available as September 2005. Because of the great number of obsolete or discontinued products encountered and discarded, we believe this to be a significant refinement of other directories previously compiled.

This directory is searchable

Using the 'Search' command in Adobe Acrobat

The OECD and Pesticide Registration

The 30 member countries of the OECD share a commitment to democratic government and a market economy. The OECD plays a prominent role in fostering good governance in the public service and in corporate activity. It produces internationally agreed instruments, decisions and recommendations to promote rules in areas where multilateral agreement is necessary to progress in a global economy. It is also a forum to discuss, develop and refine economic and social policies. The organisation is one of the world's largest and most reliable sources of comparable statistical, economic and social data. Parts of the Secretariat collect data, monitor trends, analyse and forecast economic developments, while others research social changes or evolving patterns in trade, environment, agriculture, technology, taxation and more. The OECD is at the forefront of efforts to understand and help governments respond to new challenges such as sustainable development, electronic commerce and biotechnology. This work underpins discussion by member countries when they meet in specialised committees of the OECD.¹

The Pesticide Programme is one of ten sub-programmes of the OECD's Environmental Health and Safety Programme. The Pesticide Programme focuses on both chemical and biological pesticides used in agriculture and other settings. Its goal is to help OECD countries share the work of pesticide risk assessment and find new approaches to risk reduction. The Pest Management Regulatory Agency represents Canadian interests in the OECD Pesticide Programme. Canada takes an active role in many projects of the OECD Pesticide Programme.²

Within the OECD Pesticide Programme are six sub-programme areas:

1. Registration, re-registration and work sharing – to share the burden of registration and re-registration of pesticides and to help countries co-operate in the hazard assessment of pesticides.
2. Data requirements – to promote international harmonization of pesticide data requirements for registration and use.
3. Test guidelines – To revise and develop OECD test guidelines appropriate for pesticides in order to increase the mutual acceptance among member countries of data used in pesticide assessment.
4. Hazard and risk assessment – to develop internationally harmonized pesticide assessment methods.
5. Risk reduction – to help OECD countries reduce risks associated with pesticide use.
6. Biocides – to help member countries co-operate in the assessment and registration of these products.³

These programme areas underscore the interest of member countries to harmonize testing, reporting, and reviewing of activities and data related to pest control products. In this context, this Directory of Microbial Pesticides i) can enable registration of microbial pesticides in Canada for products that have followed OECD Pesticide Programme protocols (Dossier and Monograph); ii) stimulate risk reduction programmes in Canada that would facilitate further harmonization; and iii) encourage adapting foreign pest control products to Canadian agriculture through research, followed by subsequent registration guidance from OECD protocols.

¹Excerpt from www.oecd.org

²Excerpt from <http://www.hc-sc.gc.ca/pmra-arla>

³PMRA Table of Current OECD Pesticide Projects. December 2003.

MEMBER COUNTRIES OF THE ORGANIZATION FOR ECONOMIC
DEVELOPMENT AND COOPERATION

Australia
Austria
Belgium
Canada
Czech Republic
Denmark
Finland
France
Germany
Greece
Hungary
Iceland
Ireland
Italy
Japan
Korea
Luxembourg
Mexico
Netherlands
New Zealand
Norway
Poland
Portugal
Slovak Republic
Spain
Sweden
Switzerland
Turkey
United Kingdom
United States

Example Database Record

Scutello 2x¹

Bacillus thuringiensis subsp. *kurstaki*²

Insecticide³

Bacterium⁴

Label crops⁵

Apple, Pear, Eggplant, Gherkin, Courgette, Cucumber, Melon, Pepper (sweet), Tomato, Red cabbage, Savoy cabbage, Oxheart cabbage, Sprout, Cauliflower, Broccoli, Chinese cabbage, Ornamental flower crops

Target pests⁶

Butterfly and moth caterpillars (Small winter moth (*Operophtera brumata*), Lackey moth (*Malacosoma neustria*), Fruit moth - apple moth (*Cydia pomonella*), Small ermine moth (*Yponomeuta* spp.), Spring Noctuidae (*Noctuidae*), White butterfly (*Pieris* spp.), White satin (*Leucoma salicis*))

OECD registration⁷

Belgium, France

Manufacturer⁸

BioBest Biological Systems

Manufacturer location

Belgium

More information⁹

<http://207.5.71.37/biobest/en/producten/biopesticiden/bacillus.htm>

¹Trade name of pest control product. May or may not contain percent active ingredient and formulation

²Active ingredient(s) – microorganism(s)

³Classification of pest control product

⁴Classification of active ingredient organism

⁵Crops/conditions for which pest control product is registered

⁶Pest/conditions for which pest control product is registered

⁷Minimum list of OECD countries in which pest control product is registered

⁸Manufacturer of pest control product

⁹More information on product, not necessarily manufacturer website (manufacturer website is found at the end of this document with list of manufacturers)

Microbial Pesticide Directory

Please report errors or omissions to kabalukt@agr.gc.ca

This directory is sorted as follows: Classification of pest control product - Classification of active ingredient organism - Trade name

This directory is searchable

Using the 'Search' command in Adobe Acrobat

Blight Ban

Pseudomonas fluorescens A506

Bactericide

Bacterium

Label crops

Cherry, Apple, Pear, Almond, Peach, Tomato, Potato, Strawberry, Apricot, Blueberry, Nectarine

Target pests

Fireblight, Fruit russetting in pear and apple

OECD registration

USA

Manufacturer

NuFarm Inc.

Manufacturer Location

USA

More information

<http://www.cdms.net/ldat/ld5QE002.pdf>

Dy gall

Agrobacterium radiobacter strain K84

Bactericide

Bacterium

Label crops

Apricot, Cherry, Nectarine, Peach, Plum, Prune, Asian pear, European pear, Blackberry, Blueberry, Boysenberry, Raspberry, Grape, Ornamental flowering plants, Almond, Chestnut, Hops, Poplar, Walnut, Willow, Juniper, Cydonia

Target pests

Crown gall (Agrobacterium tumefaciens)

OECD registration

Canada, New Zealand

Manufacturer

Agbio research Ltd.

Manufacturer location

New Zealand

More information

<http://www.marketnewzealand.com/MNZ/ExporterProfile/889/AgBioResearch-Ltd.aspx>

Galltrol-A

Agrobacterium radiobacter strain K84

Bactericide

Bacterium

Label crops

Raspberry, Almond, Walnut, Apricot, Cherry, Nectarine, Peach, Plum, Prune, Euonymus, Rose, Weeping cherry

Target pests

Crown gall (Agrobacterium rhizogenes, A. tumefaciens)

OECD registration

USA

Manufacturer

AgBioChem Inc.

Manufacturer location

USA

More information

<http://www.crowngall.com/products.htm>

Hydroguard

Bacillus subtilis, Paenibacillus polymyxa, B. circulans, B. amyloliquefaciens

Bactericide

Bacterium

Label crops

All crops

Target pests

Suppress and resist damping off (bacterial) diseases

OECD registration

USA

Manufacturer

American Agritech

Manufacturer location

USA

More information

<http://www.planetnatural.com/site/hydroguard.html>

Nogall

Agrobacterium radiobacter strain K1026

Bactericide

Bacterium

Label crops

Caneberry, Stone fruit, Euonymus, Rose, Almond, Apricot, Cherry, Nectarine, Peach, Plum, Walnut, Pecan

Target pests

Crown gall (Agrobacterium rhizogenes, A. tumefaciens)

OECD registration

Australia, USA

Manufacturer

Becker Underwood Pty Ltd., New Bioproducts US Importer

Manufacturer location

Australia

More information

http://www.newbioproducts.com/index_files/Page348.htm

Actinovate SP

Streptomyces lydicus WYCD108

Fungicide

Bacterium

Label crops

Turf, Ornamental, Greenhouse, Nursery

Target pests

Soilborne plant diseases (Pythium, Rhizoctonia, Phytophthora, Verticillium, Fusarium, Phytomaototricum, Aphanomyces, Monosporascus, Armillaria, Sclerotinia, Postia, Verticillium, Geltrichum)

OECD registration

USA

Manufacturer

Natural Industries Inc.

Manufacturer location

USA

More information

<http://www.naturalindustries.com/sp.label.msds.pdf>

Ballad

Bacillus pumilus strain 2808

Fungicide

Bacterium

Label crops

Barley, Corn, Millets, Oat, Rice, Rye, Sorghum, Triticale, Wheat, Other cereal grains, Grass seed, Beans, Dry beans, Green beans, Lima beans, Garbanzo beans, Snap beans, Shell beans, Lentils, Peas, Chick peas, Split peas, Soybeans, Other legumes vegetables, Canola, Castor, Cotton, Flax, Peanut, Rapeseed, Safflower, Sesame, Soybeans, Sunflower, Other oil seed crops, Peanuts, Potato, Sweet potato, Beets, Other root/tuber vegetables, Soybeans, Sugar beets, Sweet corn

Target pests

Rust, Downy and powdery mildews, Leaf spot, Grass seed, Bacterial pustule, White mold, Early leaf spot, Late leaf spot, Early blight, Late blight, Asian soybean rust, Northern leaf blight, Southern leaf blight

OECD registration

USA

Manufacturer

Agraquest

Manufacturer Location

USA

More information

<http://www.agraquest.com/products/ballad/index.html>

Bio-Save 10 LP

Pseudomonas syringae strain ESC-10

Fungicide

Bacterium

Label crops

Citrus, Grapefruit, Lemon, Orange, Apple, Pear, Cherry, Potato

Target pests

Silver scurf (Helminthosporium), Blue mold (Penicillium expansum), Dry rot (Fusarium), Gray mold rot of fruit (Botrytis cinerea), Mucor fruit rot (Mucor spp.), Green mold fruit rot (Penicillium digitatum), Blue mold fruit rot (Penicillium italicum), Sour rot (Geotrichum candidum)

OECD registration

USA

Manufacturer

Jet Harvest Solutions

Manufacturer location

USA

More information

<http://www.bio-save.com/biosave-10LP-150g-label.html>

Bio-Save 11 LP

Pseudomonas syringae strain ESC-11

Fungicide

Bacterium

Label crops

Pome fruit, Potato

Target pests

Blue mold (*Penicillium expansum*), Gray mold, Mucor rot, Dry rot (*Fusarium sambucinum*), Silver scurf (*Helminthosporium solani*),

OECD registration

USA

Manufacturer

Jet Harvest Solutions

Manufacturer location

USA

More information

<http://bio-save.com/biosave-11LP-250g-label.html>

Cedomon

Pseudomonas chlororaphis

Fungicide

Bacterium

Label crops

Barley, Oat

Target pests

Leaf stripe, Net blotch, Fusarium spp., Spot blotch, Leaf spot

OECD registration

Austria, Finland, Norway, Sweden

Manufacturer

BioAgri AB

Manufacturer location

Sweden

More information

<http://www.bioagri.se/english/produkter/cedomon.htm>

Cillus

Bacillus subtilis

Fungicide

Bacterium

Label crops

Tomato

Target pests

Gray mold, Pythium blight, Damping off

OECD registration

Korea, USA

Manufacturer

Green Biotech Company Ltd.

Manufacturer location

Korea

More information

<http://my.ecplaza.net/greenbiotech/profile.asp>

Companion

Bacillus subtilis GB03

Fungicide

Bacterium

Label crops

Ornamental flowering plants, Ornamental foliage plants, Ornamental bedding plants, Ornamental woody plants, Ornamental ground covers, Ornamental woody shrubs, Ornamental trees

Target pests

Fusarium spp., Phytophthora spp., Rhizoctonia spp.

OECD registration

USA

Manufacturer

Growth Products Ltd.

Manufacturer location

USA

More information

http://www.growthproducts.com/docs/companion_microbial_inoculant_hort.pdf

Fungicide

Bacterium

Label crops

Ornamental gardens, Ornamental plants, Ornamental turf, Ornamental conifers

Target pests

Anthrachnose (Colletotrichum), Ascochyta blight, Coryneum blight, Rhizoctonia blight, Botrytis flower blight, Ray blight (Mycosphaerella), Ovulinia petal blight, Flower blight (sclerotinia), Leaf blight (Alternaria), Leaf blight (Botrytis), Melting-out (Helminthosporium), Leaf blight (Phytophthora), Dieback (Phytophthora), Scab (Venturia), Powdery mildew (Erysiphe cichoracearum, Microsphaera), Leaf scorch (Stagnospora curtissi), Fusarium patch (Pink snow mold) (Fusarium nivale), Gray snow mold (Typhula blight), Rust (Gymnosporangium, Puccinia, Uromyces), Stem rust (Puccinia), Black spot of rose (Diplocarpon rosae), Copper spot of turf grasses (Gloeocercospora/ramulispora sorghi), Dollar spot/small brown patch (Sclerotinia homeocarpa), Gray leaf spot (Pyricularia), Ink spot (Drechslera iridis), Leaf spot (Alternaria, Bipolaris, Botrytis, Cephalosporium, Cercospora, Corynespora, Curvularia, Cylindrosporium, Dactylaria, Didymellina), Drechslera leaf spot, Leaf spot (Fabraea), Fusarium leaf spot, Leaf spot (Gloeosporium, Marssonina, Myrothecium, Phyllosticta, Ramularia, Sphaeropsis, Tan leaf spot (Curvularia), Flower spot (Curvularia), Leaf spot (Actinopette, Cercosporidium)

OECD registration

USA

Manufacturer

Novozymes Biologicals Inc.

Manufacturer location

USA

More information

http://www.novozymes.com/library/Downloads/Products_and_solutions/Turf,_Plant_and_Pond_health/Technical_Bulletin.pdf

Green-all G

Bacillus subtilis

Fungicide

Bacterium

Label crops

Tomato

Target pests

Gray mold, Pythium blight, Damping off

OECD registration

Korea, USA

Manufacturer

Green Biotech Company Ltd.

Manufacturer location

Korea

More information

<http://my.ecplaza.net/greenbiotech/profile.asp>

HiStick N/T

Bacillus subtilis MBI 600

Fungicide

Bacterium

Label crops

Bean (dry, navy, pinto, kidney, snap, string), Alfalfa, Peanut, Soybean

Target pests

Aspergillus, Fusarium, Rhizoctonia

OECD registration

USA , (Canada filed and pending)

Manufacturer

Becker Underwood Inc.

Manufacturer location

USA

More information

<http://www.beckerunderwood.com/inoculants/productdisplay.asp?product=hsntts>

Impression WP

Bacillus subtilis strain QST 713

Fungicide

Bacterium

Label crops

Grape, Tomato

Target pests

Grey mold, Powdery mildew

OECD registration

Japan, Mexico, New Zealand, Switzerland (sold only in Japan)

Manufacturer

Agraquest Inc.

Manufacturer location

USA

More information

<http://www.agraquest.com/products/index.html>

Kodiak Concentrate

Bacillus subtilis GB03

Fungicide

Bacterium

Label crops	Bean (navy, pinto, kidney, snap, green, pole, wax, lima), Garden pea, Agricultural crops
Target pests	Root rot (Fusarium, Pythium, Rhizoctonia)
OECD registration	USA
Manufacturer	Gustafson, LLC
Manufacturer location	USA
More information	http://www.gustafson.com/products/labels/labels.asp#

Kodiak Flowable

Bacillus subtilis GB03

Fungicide

Bacterium

Label crops

Bean (navy, pinto, kidney, snap, green, pole, wax, lima), Garden pea, Agricultural crops

Target pests

Root rot (Fusarium, Pythium, Rhizoctonia)

OECD registration

USA

Manufacturer

Gustafson, LLC

Manufacturer location

USA

More information

<http://www.gustafson.com/products/labels/labels.asp#>

Mycostop

Streptomyces griseoviridis strain K61

Fungicide

Bacterium

Label crops

Plum, Dill, Melon, Cucumber, Pumpkin, Squash, Gherkin, Pepper, Pimento, Tomato, Celery, Cole crop, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Chinese cabbage, Kale, Kohlrabi, Lettuce, Parsley, Spinach, Broccoli raab, Chinese broccoli, Root crop vegetables, Carrot, Leek, Onion, Radish, Rutabaga, Wheat, Bean, Celery, Corn, Cotton, Pea, Sorghum, Soybean, Herbs, Ornamental flowering plants, Cedar, Elm, Fir, Flowering almond, Cherry, Plum, Juniper, Pine, Spruce, Redwood, Choke cherry, Areca palm

Target pests

Fusarium wilt, Botrytis gray mold (B. cinerea), Root rot (Fusarium, Phytophthora, Pythium), Stem rot (Fusarium), Stem-end rot (Phomopsis), Damping-off, Seed rot (Fusarium, Alternaria, Phomopsis)

OECD registration

Canada, Denmark, Finland, Hungary, Iceland, Italy, Netherlands, Norway, Spain, Sweden, Switzerland, USA

Manufacturer

Verdera Oy

Manufacturer location

Finland

More information

<http://www.verdera.fi/homeeng.html>

Mycostop Mix

Streptomyces griseoviridis strain K61

Fungicide

Bacterium

Label crops

Dill, Pepper, Tomato, Cole crops, Lettuce, Parsley, Spinach, Root crop vegetables, Leek, Onion, Wheat, Bean, Corn, Cotton, Pea, Sorghum, Soybean, Herbs, Forest trees, Conifers, Gerbera, Ornamental plants, Ornamental turf, Ornamental trees

Target pests

Brown patch (Rhizoctonia), Wilt, Root rot (Fusarium), Root rot, Stem rot (Fusarium), Damping-off, Seed rot (Fusarium), Dollar spot (Sclerotinia)

OECD registration

USA

Manufacturer

Verdera Oy

Manufacturer location

Finland

More information

<http://www.verdera.fi/homeeng.html>

NH

Paenibacillus polymyxa AC-1

Fungicide

Bacterium

Label crops

Cucumber

Target pests

Damping off, Powdery mildew

OECD registration

Korea

Manufacturer

Green Biotech Company Ltd.

Manufacturer location

Korea

More information

<http://my.ecplaza.net/greenbiotech/profile.asp>

Pro-Mix with Biofungicide

Bacillus subtilis MBI 600

Fungicide

Bacterium

Label crops

Tobacco, Vegetables, Fruit trees, Greenhouse potting soil

Target pests

Alternaria, Aspergillus, Fusarium, Phthium, Rhizoctonia

OECD registration

USA, Mexico

Manufacturer

Premier Horticulture Inc.

Manufacturer location

USA

More information

<http://www.premierhort.com/website/products/aproducts/aprodprof/aprodbiofungicide/afbiofungicide.html>

Sonata AS

Bacillus pumilus strain QST 2808

Fungicide

Bacterium

Label crops

Brassica, Bulb vegetables, Cereal, Cucurbit, Fruiting vegetables, Grape, Grass seed, Hop, Leafy vegetables, Legume vegetables, Mint, Peanut, Pome fruit, Root/tuber vegetables, Rose, Stone fruit, Strawberry, Oak, Big leaf Maple, Huckleberry, Honeysuckle

Target pests

Downy mildew (*Peronospora cubensis*, *Peronospora* spp., *Plasmopara viticola*, *Bremia lactucae*), Powdery mildew (*Erysiphe graminis*, *Erysiphe* spp., *Uncinula necator*, *Sphaerotheca humulis*, *Podosphaera leucotricha*), Rust (*Puccinia* spp.), White mold (*Sclerotinia* spp.), *Cercospora* spp., Late blight (*Phytophthora infestans*), Sudden oak death syndrome (*Phytophthora ramorum*)

OECD registration

USA

Manufacturer

Agraquest Inc.

Manufacturer location

USA

More information

http://www.agraquest.com/products/sonata/pdfs/Sonata_label.pdf

Spot-less

Pseudomonas aureofaciens strain TX-1

Fungicide

Bacterium

Label crops

unspecified crops

Target pests

Anthracnose (Colletotrichum), Pink snow mold (Fusarium patch), Dollar spot/small brown patch (Sclerotinia homeocarpa)

OECD registration

USA

Manufacturer

Turf Science Laboratories Inc.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07580100001&DIST_NR=075801

Subtilex

Bacillus subtilis MBI 600

Fungicide

Bacterium

Label crops

Bean (navy, pinto, kidney, snap, green, pole, wax, lima), Corn (sweet, field), Garden pea, Grass, Alfalfa, Barley, Wheat, Cotton, Peanut, Pea, Soybean, Ornamental turf

Target pests

Fusarium wilt, Crown rot (Aspergillus), Root rot (Fusarium, Phthium, Rhizoctonia), Seedborne diseases (Fusarium, Rhizoctonia), Alternaria spp., Fusarium spp., Rhizoctonia spp., Aspergillus spp.

OECD registration

USA. Sold with no required registration in UK.

Manufacturer

Becker Underwood Inc.

Manufacturer location

USA

More information

<http://www.beckerunderwood.com/inoculants/productdisplay.asp?product=subtilex>

Subtilex HB

Bacillus subtilis MBI 600

Fungicide

Bacterium

Label crops

Cotton seed treatment

Target pests

Fusarium wilt, Seedling blight/rot (Aspergillus), Seedling disease (Rhizoctonia), Alternaria spp.

OECD registration

USA. Sold with no required registration in UK.

Manufacturer

Becker Underwood Inc.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07184000004&DIST_NR=071840

Taegro

Bacillus subtilis subsp. amyloliquefaciens strain FZB24

Fungicide

Bacterium

Label crops

Herbs, Spices, Vegetable crops, Agricultural crops, Forest trees (transplant, seedlings), Ornamental flowering plants, Ornamental plants, Ornamental woody shrubs, Ornamental shade trees, Irrigation supply systems

Target pests

Soilborne diseases (Fusarium), Soilborne diseases (Rhizoctonia), Plant regulator (Increase yield), Plant regulator (Growth Enhancer)

OECD registration

USA

Manufacturer

Earth Biosciences Inc.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07209800005&DIST_NR=072098

Topseed

Paenibacillus polymyxa AC-1

Fungicide

Bacterium

Label crops

Cucumber

Target pests

Damping off, Powdery mildew

OECD registration

Korea

Manufacturer

Green Biotech Company Ltd.

Manufacturer location

Korea

More information

<http://my.ecplaza.net/greenbiotech/profile.asp>

YieldShield Concentrate

Bacillus pumilus strain GB34

Fungicide

Bacterium

Label crops

Soybean seed

Target pests

Rhizoctonia spp., Fusarium spp.

OECD registration

USA

Manufacturer

Gustafson, LLC

Manufacturer location

USA

More information

http://www.gustafson.com/Labels/yield_shield_label.pdf

Aspergillus flavus AF36

Aspergillus flavus strain AF36

Fungicide

Fungus

Label crops

Cotton

Target pests

Aspergillus flavus

OECD registration

USA (Arizona, Texas)

Manufacturer

Arizona Cotton Research and Protection Council

Manufacturer location

USA

More information

http://www.epa.gov/pesticides/biopesticides/ingredients/factsheets/factsheet_006456.htm

Binab T Pellets

Trichoderma IMI 206039/IMI 206040 (T. polysporum, T. harzianum)

Fungicide

Fungus

Label crops

Trees, Wood fence posts, Wood utility poles, Playground equipment (wood, nonsoil contact nonfumigation treatment)

Target pests

Pruning wound infection or root contacts in trees, Silver leaf caused by Chondrostereum purpureum

OECD registration

Denmark, Sweden, USA

Manufacturer

Binab Bio-Innovation EFTR AB

Manufacturer location

Sweden

More information

<http://www.algonet.se/~binab/index2.html>

Binab T Vector

Trichoderma polysporum, T. harzianum

Fungicide

Fungus

Label crops

Flowering crops in greenhouses and open ground

Target pests

Fungal pathogens, Fairy ring, Botrytis, Verticillium, Pythium, Fusarium, Phytophthora, Rhizoctonia, Ddymella, Chondrostereum, Heterobasidion

OECD registration

Denmark, Sweden, USA

Manufacturer

Binab Bio-Innovation EFTR AB

Manufacturer location

Sweden

More information

<http://www.algonet.se/~binab/index2.html>

Binab T WG

Trichoderma polysporum, T. harzianum

Fungicide

Fungus

Label crops

Greenhouse, Pot plants, Vegetables, Mushroom, Bulb flowers, Nurseries, Berries, Fruit, Ornamental trees, Open ground for cut flowers

Target pests

Fungal pathogens, Fairy ring, Botrytis, Verticillium, Pythium, Fusarium, Phytophthora, Rhizoctonia, Ddymella, Chondrostereum, Heterobasidion

OECD registration

Denmark, Sweden, USA

Manufacturer

Binab Bio-Innovation EFTR AB

Manufacturer location

Sweden

More information

<http://www.algonet.se/~binab/index2.html>

Binab TF WP

Trichoderma polysporum, T. harzianum

Fungicide

Fungus

Label crops

Greenhouse, Pot plants, Vegetables, Mushroom, Blower bulbs, Nurseries, Berries, Fruit, Ornamental trees, Open ground for cut flowers

Target pests

Fungal pathogens, Fairy ring, Botrytis, Verticillium, Pythium, Fusarium, Phytophthora, Rhizoctonia, Ddymella, Chondrostereum, Heterobasidion

OECD registration

Denmark, Sweden, USA

Manufacturer

Binab Bio-Innovation EFTR AB

Manufacturer location

Sweden

More information

<http://www.algonet.se/~binab/index2.html>

Contans WG

Coniothyrium minitans strain CON/M/91-08

Fungicide

Fungus

Label crops

Artichoke, Asparagus, Avocado, Bean, Broccoli, Cabbage, Carrot, Celery, Chick pea, Chicory, Cucumber, Eggplant, Endive, Fennel, Kiwi fruit, Lettuce, Parsley, Pea, Pepper, Snap bean, Tomato, Watermelon, Alfalfa, Canola, Chive, Dry bean, Hemp, Lentil, Oilseed rape, Potato, Red clover, Safflower, Soybean, Sunflower, Tobacco, Leafy vegetables, Fruiting vegetables, Bulb vegetables, Cereal grains, Legume vegetables, Oil seeds, Herbs, Spices, Ornamental plants

Target pests

Sclerotinia sclerotiorum, Sclerotinia minor

OECD registration

Austria, Belgium, Denmark, France, Germany (for lettuce in greenhouse, oilseed rape, all crops susceptible to Sclerotinia rot), Italy, Luxembourg, Mexico, Netherlands, Poland, Switzerland, USA. Registration pending in: Czech Republic, Japan, Slovak Republic, Spain, UK.

Manufacturer

Prophyta Biologischer Pflanzenschutz GmbH / Marketed by Sylvan Bioproducts Inc.

Manufacturer location

Germany

More information

http://www.prophyta.de/englisch/pdf/Contans_General_Prod_Information.pdf

Fusaclean

Fusarium oxysporum

Fungicide

Fungus

Label crops

Asparagus, Basil, Carnation, Cyclamen, Gerbera, Tomato

Target pests

Fusarium oxysporum diseases

OECD registration

Czech Republic

Manufacturer

Natural Plant Protection

Manufacturer location

France

More information

<http://www.wisard.org/wisard/shared/asp/generalinfoserver/intermediate.asp?InstitutionID=7120>

Green-all Q

Ampelomyces quisqualis 94013

Fungicide

Fungus

Label crops

Cucurbit vegetables (cucumber), Fruiting vegetables (pepper, tomato), Fruits (grape, strawberry)

Target pests

Powdery mildew

OECD registration

Korea

Manufacturer

Green Biotech Company Ltd.

Manufacturer location

Korea

More information

<http://my.ecplaza.net/greenbiotech/2.asp>

Green-all T WP

Trichoderma harzianum strain GBF-0208

Fungicide

Fungus

Label crops

Pepper, Tomato, Cucumber, Melon, Pumpkin, Cabbage, Lettuce, Spinach, Turfgrass, Potting soil mix, Seed tuber, Bulb, Transplants

Target pests

Damping off (Rhizoctonia solani, Pythium spp.), Fusarium wilt (Fusarium oxysporum), Pythium root (Pythium ultimum), Pythium root rot, Pythium blight (Pythium aphanidermatum), Large patch, Leaf rot, Bottom rot, Brown patch (Rhizoctonia solani AG1-1A)

OECD registration

In process of registration in Korea

Manufacturer

Green Biotech Company Ltd.

Manufacturer location

Korea

More information

<http://my.ecplaza.net/greenbiotech/1.asp>

KONI

Coniothyrium minitans

Fungicide

Fungus

Label crops

Lettuce, Cucumber, Paprika, Tomato, Gerbera, Petunia, Tagetes spp., Sunflower

Target pests

Sclerotinia sclerotiorum, Sclerotinia minor

OECD registration

Registered in Hungary. Under registration in; Czech Republic, Slovak Republic, Switzerland. Sold in Italy without registration

Manufacturer

BIOVED Ltd.

Manufacturer location

Hungary

More information

<http://www.bioved.hu>

PlantShield HC

Trichoderma harzianum strain T-22 (KRL-AG2)

Fungicide

Fungus

Label crops

Ornamentals (Anthurium, Azalea, Carnation, Chrysanthemum, Dracaena, Ficus, Gardenia, Gladiolus, Impatiens, Lily, Marigold, Pansy, Petunia, Poinsettia, Potho, Rhododendron, Rose, Schefflera, Spathiphyllum, Tulip, Vinca), Strawberry, Blackberry, Raspberry, Current, Blueberry, Gooseberry, Grape, Orange, Grapefruit, Tangerine, Cucumber, Melon, Gourd, Squash, Eggplant, Pepper (sweet, hot), Tomato, Broccoli, Brussels sprout, Cabbage, Cauliflower, Celery, Collard, Endive, Kale, Kohlrabi, Lettuce, Mustard greens, Parsley, Spinach, Sage, Rosemary, Thyme, Peppermint, Dill, Herbs, Spices, Pear, Deciduous trees, Peach, Plum, Nectarine, Pecan, Pistachio, Almond, Walnut

Target pests

Pythium, Rhizoctonia, Fusarium, Cythindrocladium, Thielaviopsis

OECD registration

Canada, Mexico, Netherlands, USA

Manufacturer

Bioworks Inc.

Manufacturer location

USA

More information

<http://www.bioworksbiocontrol.com/plantshieldhc/pdf/PlantShield%20HC%20-%20CA.pdf>

Polyversum

Pythium oligandrum

Fungicide

Fungus

Label crops

Tomato, Potato, Pepper, Cucumber, Grape, Strawberry, Banana, Citrus, Legumes, Cereal, Canola, Forest nurseries, Ornamental plants, Sugar beet

Target pests

Stone Fire, Foot and Root diseases, Root neck diseases, Herb and tuber rot (Fusarium spp., Pythium spp., Botrytis spp., Phytophthora spp., Aphanomyces spp., Alternaria spp., Tilletia caries, Pseudocercospora herpotrichoides, Gaeumannomyces graminis, Rhizoctonia solani, Sclerotium cepivorum)

OECD registration

Czech Republic, Slovak Republic, Poland, Hungary, Austria, Germany. In process of registration in USA.

Manufacturer

Biopreparaty Ltd.

Manufacturer location

Czech Republic

More information

<http://www.oardc.ohio-state.edu/apsbcc/productlist.htm>

Prestop WP

Gliocladium catenulatum strain J1446

Fungicide

Fungus

Label crops

Strawberry, Anise, Basil, Caraway, Dill, Lavender, Oregano, Sweet marjoram, Rosemary, Sage, Savory, Thyme, Melon, Watermelon, Cucumber, Pumpkin, Squash, Eggplant, Pepper, Tomato, Chicory, Broccoli, Brussels sprout, Cabbage, Cauliflower, Chinese cabbage, Kale, Kohlrabi, Endive (escarole), Fennel, Artichoke, Lettuce, Parsley, Spinach, Watercress, New Zealand spinach, Carrot, Chive, Garlic, Leek, Onion, Parsnip, Potato, Radish, Rutabaga, Lentil, Asparagus, Bean, Beet, Celery, Corn, Fennel, Horseradish, Pea, Turnip, Chicory, Forest tree, Ornamental plants, Ornamental flowering plants, Achillea, Gazania, African violet, Ageratum, Alyssum, Amaryllis, Anthurium, Aster, Begonia, Calceolaria, Campanula, Carnation, Centaurea, Chrysanthemum, Cineraria, Coleus, Cyclamen, Daffodil, Dahlia, Daisy, Dianthus, Dieffenbachia, Fuchsia, Gaillardia, Impatiens, Geranium, Gladiolus, Gloxinia, Gypsophila, Hyacinth, Iris, Delphinium, Lily, Lobelia, Marigold, Monarda, Pansy, Petunia, Phlox, Poinsettia, Poppy, Rudbeckia, Salvia, Matthiola, Sweet pea, Gerbera, Tulip, Verbena, Zinnia, Senecio, Kalanchoe, Pelargonium, Cerastium, Primrose, Freesia, Anemone, Statice, Liatris, Ornamental plants, Ornamental woody plants, Ornamental vines, Ornamental turf, Ornamental woody shrubs, Ornamental woody vines, Azalea, Vinca, Rhododendron, Rose, Hedera, Ornamental fruit trees, Juniper, Pine, Spruce, Birch

Target pests

Wilt, Root rot, Stem rot, Damping-off, Seed rot, Alternaria, Botrytis, Cladosporium, Didymellina, Fusarium, Helminthosporium, Penicillium, Phytophthora, Pythium, Rhizoctonia, Verticillium

OECD registration

Finland, EU (sold only in Finland)

Manufacturer

Verdera Oy

Manufacturer location

Finland

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=06413700008&DIST_NR=064137

<http://www.verdera.fi/home.html>

Primastop Powder

Gliocladium catenulatum strain J1446

Fungicide

Fungus

Label crops

Strawberry, Anise, Basil, Caraway, Dill, Lavender, Oregano, Sweet marjoram, Rosemary, Sage, Savory, Thyme, Melon, Watermelon, Cucumber, Pumpkin, Squash, Eggplant, Pepper, Tomato, Chicory, Broccoli, Brussels sprout, Cabbage, Cauliflower, Chinese cabbage, Kale, Kohlrabi, Endive (escarole), Fennel, Artichoke, Lettuce, Parsley, Spinach, Watercress, New Zealand spinach, Carrot, Chive, Garlic, Leek, Onion, Parsnip, Potato, Radish, Rutabaga, Lentil, Asparagus, Bean, Beet, Celery, Corn, Fennel, Horseradish, Pea, Turnip, Chicory, Forest tree, Ornamental plants, Ornamental flowering plants, Achillea, Gazania, African violet, Ageratum, Alyssum, Amaryllis, Anthurium, Aster, Begonia, Calceolaria, Campanula, Carnation, Centaurea, Chrysanthemum, Cineraria, Coleus, Cyclamen, Daffodil, Dahlia, Daisy, Dianthus, Dieffenbachia, Fuchsia, Gaillardia, Impatiens, Geranium, Gladiolus, Gloxinia, Gypsophila, Hyacinth, Iris, Delphinium, Lily, Lobelia, Marigold, Monarda, Pansy, Petunia, Phlox, Poinsettia, Poppy, Rudbeckia, Salvia, Matthiola, Sweet pea, Gerbera, Tulip, Verbena, Zinnia, Senecio, Kalanchoe, Pelargonium, Cerastium, Primrose, Freesia, Anemone, Statice, Liatris, Ornamental plants, Ornamental woody plants, Ornamental vines, Ornamental turf, Ornamental woody shrubs, Ornamental woody vines, Azalea, Vinca, Rhododendron, Rose, Hedera, Ornamental fruit trees, Juniper, Pine, Spruce, Birch

Target pests

Wilt, Root rot, Stem rot, Damping-off, Seed rot, Alternaria, Botrytis, Cladosporium, Didymellina, Fusarium, Helminthosporium, Penicillium, Phytophthora, Pythium, Rhizoctonia, Verticillium

OECD registration

Finland, USA

Manufacturer

Verdera Oy

Manufacturer location

Finland

More information

http://www.epa.gov/pesticides/biopesticides/ingredients/tech_docs/brad_021009.pdf

Q-Fect

Ampelomyces quisqualis 94013

Fungicide

Fungus

Label crops

Cucurbit vegetables (cucumber), Fruiting vegetables (pepper, tomato), Fruits (grape, strawberry)

Target pests

Powdery mildew

OECD registration

Korea

Manufacturer

Green Biotech Company Ltd.

Manufacturer location

Korea

More information

<http://my.ecplaza.net/greenbiotech/2.asp>

Rootshield Drench WP

Trichoderma harzianum strain T-22 (KRL-AG2)

Fungicide

Fungus

Label crops

Ornamentals (Anthurium, Azalea, Carnation, Chrysanthemum, Dracaena, Ficus, Gardenia, Gladiolus, Impatiens, Lily, Marigold, Pansy, Petunia, Poinsettia, Potho, Rhododendron, Rose, Schefflera, Spathiphyllum, Tulip, Vinca), Strawberry, Blackberry, Raspberry, Current, Blueberry, Gooseberry, Grape, Orange, Grapefruit, Tangerine, Cucumber, Melon, Gourd, Squash, Eggplant, Pepper (sweet, hot), Tomato, Broccoli, Brussels sprout, Cabbage, Cauliflower, Celery, Collard, Endive, Kale, Kohlrabi, Lettuce, Mustard greens, Parsley, Spinach, Sage, Rosemary, Thyme, Peppermint, Dill, Herbs, Spices, Pear, Deciduous trees, Peach, Plum, Nectarine, Pecan, Pistachio, Almond, Walnut

Target pests

Pythium, Rhizoctonia, Fusarium, Cythindrocladium, Thielaviopsis

OECD registration

Canada, Mexico, Netherlands, USA

Manufacturer

Bioworks Inc.

Manufacturer location

Canada

More information

<http://www.bioworksbiocontrol.com/plantshieldhc/pdf/PlantShield%20HC%20-%20CA.pdf>

RootShield Granules

Trichoderma harzianum Rifai strain KRL-AG2

Fungicide

Fungus

Label crops

Small fruit, Blackberry, Raspberry, Blueberry, Currant, Gooseberry, Grape, Strawberry, Citrus, Grapefruit, Orange, Tangerine, Nut trees, Almond, Pecan, Walnut, Pistachio nut, Pome fruit, Pear, Stone fruit, Nectarine, Peach, Plum, Spices, Dill, Rosemary, Sage, Thyme, Cucurbit, Melon, Cucumber, Squash, Gourd, Fruiting vegetables, Eggplant, Pepper, Tomato, Leafy vegetables, Cole crops, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Kale, Kohlrabi, Endive, Escarole, Mustard greens, Parsley, Spinach, Lettuce (head, leaf), Root vegetable crops, Carrot, Garlic, Onion, Potato, Radish, Bean, Corn, Pea, Lentil, Corn, Sorghum, Wheat, Buckwheat, Safflower, Canola, Beet, Celery, Cotton, Peppermint, Peanut, Sorghum, Sugar beet, Sunflower, Turnip, Soybean, Legume, Field crops, Herbs, Ornamental flowering plants, Ornamental plants, Ornamental turf, Azalea, Ficus, Gardenia, Vinca, Potho, Rhododendron, Rose, Ornamental trees, Maple, Oak, Pine

Target pests

Damping-off (Cylindrocladium, Fusarium, Pythium, Rhizoctonia, Thielaviopsis)

OECD registration

Canada, Mexico, Netherlands, USA

Manufacturer

Bioworks Inc.

Manufacturer location

USA

More information

<http://www.bioworksbiocontrol.com/rootshield/pdf/labels/RootShield%20Granules%209.01.pdf>

Soilgard 12G

Gliocladium virens G-21

Fungicide

Fungus

Label crops

Food crops, Greenhouse crops, Ornamental crops

Target pests

Root rot / Damping-off (Pythium spp. or Rhizoctonia spp.)

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

<http://www.certisusa.com/labels/summary/soilgard12g.html>

Suprevisit

Trichoderma harzianum

Fungicide

Fungus

Label crops

Seeds of legumes and leafy green vegetables

Target pests

Fungal infections such as Pythium, Phytophthora, Botrytis, Rhizoctonia

OECD registration

Denmark

Manufacturer

Borregaard Bioplant

Manufacturer location

Denmark

More information

<http://www.bioplant.dk/bioplantdk/dk/produkt/produkt.htm>

T-22 Granules

Trichoderma harzianum Rifai strain KRL-AG2

Fungicide

Fungus

Label crops

Small fruit, Blackberry, Raspberry, Blueberry, Currant, Gooseberry, Grape, Strawberry, Citrus, Grapefruit, Orange, Tangerine, Nut trees, Almond, Pecan, Walnut, Pistachio nut, Pome fruit, Pear, Stone fruit, Nectarine, Peach, Plum, Spices, Dill, Rosemary, Sage, Thyme, Cucurbit, Melon, Cucumber, Squash, Gourd, Fruiting vegetables, Eggplant, Pepper, Tomato, Leafy vegetables, Cole crops, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Kale, Kohlrabi, Endive, Escarole, Mustard greens, Parsley, Spinach, Lettuce (head, leaf), Root vegetable crops, Carrot, Garlic, Onion, Potato, Radish, Bean, Corn, Pea, Lentil, Corn, Sorghum, Wheat, Buckwheat, Safflower, Canola, Beet, Celery, Cotton, Peppermint, Peanut, Sorghum, Sugar beet, Sunflower, Turnip, Soybean, Legume, Field crops, Herbs, Ornamental flowering plants, Ornamental plants, Ornamental turf, Azalea, Ficus, Gardenia, Vinca, Potho, Rhododendron, Rose, Ornamental trees, Maple, Oak, Pine

Target pests

Damping-off (Cylindrocladium, Fusarium, Pythium, Rhizoctonia, Thielaviopsis)

OECD registration

Canada, Mexico, Netherlands, USA

Manufacturer

Bioworks Inc.

Manufacturer location

USA

More information

<http://www.bioworksbiocontrol.com/rootshield/pdf/labels/RootShield%20Granules%209.01.pdf>

T-22 HC

Trichoderma harzianum Rifai strain KRL-AG2

Fungicide

Fungus

Label crops

Buckwheat, Corn, Cotton, Canola, Safflower, Sunflower, Alfalfa, Clover, Vetch, Trefoil, Garlic, Onion, Cucumber, Melon, Gourd, Squash, Eggplant, Pepper, Tomato, Sage, Rosemary, Thyme, Peppermint, Dill, Broccoli, Brussels sprout, Cabbage, Cauliflower, Celery, Collard, Endive, Kale, Kohlrabi, Lettuce, Mustard Greens, Parsley, Spinach, Snap/Dry bean, Lentil, pea, Peanut, Soybean, Radish, Carrot, Sugarbeet, Red beet, Turnip, Rye, Sorghum, Wheat, Millet, White potato, Sweet potato

Target pests

Pythium, Rhizoctonia, Fusarium, Cylindrocladium, Thielaviopsis

OECD registration

USA

Manufacturer

Bioworks Inc.

Manufacturer location

USA

More information

http://www.bioworksbiocontrol.com/t22hc/pdf/T-22HC9_03.pdf

T-22 Planter Box

Trichoderma harzianum Rifai strain KRL-AG2

Fungicide

Fungus

Label crops

Small fruits, Berry plantings, Blackberry, Raspberry, Blueberry, Currant, Gooseberry, Grape, Strawberry, Citrus, Grapefruit, Orange, Tangerine, Nut trees, Almond, Pecan, Walnut, Pistachio nut, Pome fruits, Pear, Stone fruits, Nectarine, Peach, Plum, Herbs, Spices, Dill, Rosemary, Sage, Thyme, Marigold, Cucurbit, Melon, Cucumber, Squash, Gourd (edible), Fruiting vegetables, Eggplant, Pepper (sweet), Tomato, Celery, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Kale, Kohlrabi, Endive (escarole), Lettuce, Mustard greens, Parsley, Spinach, Root crop vegetables, Carrot, Garlic, Onion (bulb), Potato, Radish, Sweet potato, Bean (dry, snap, green), Corn (pop, sweet, silage, field, grain), Pea (dry, succulent), Lentil, Alfalfa, Clover, Vetch, Trefoil, Rye, Sorghum, Wheat, Small grains, Proso millet, Buckwheat, Safflower, Canola, Beet, Celery, Cotton, Mint, Peppermint, Peanut, Sugar beet, Sunflower, Turnip, Soybean, Legumes, Herbs, Ornamental flowering plants, Anthurium, Carnation, Chrysanthemum, Dianthus, Dieffenbachia, Dracaena, Impatiens, Gladiolus, Lily, Marigold, Pansy, Petunia, Poinsettia, Schefflera, Spathiphyllum, Tulip, Ornamental bedding plant, Ornamental plants, Ornamental turf, Azalea, Ficus, Gardenia, Vinca, Potho, Rhododendron, Rose, Ornamental trees, Maple, Oak, Pine

Target pests

Powdery mildew, Root rot (Cylindrocladium), Mildew, Botrytis, Fusarium, Pythium, Rhizoctonia, Thielaviopsis

OECD registration

Mexico, USA

Manufacturer

Bioworks Inc.

Manufacturer location

USA

More information

<http://www.bioworksbiocontrol.com/productsections/agprod.html>

TRIANUM P

Trichoderma harzianum Rifai strain KRL-AG2

Fungicide

Fungus

Label crops

Small fruit, Blackberry, Raspberry, Blueberry, Currant, Gooseberry, Grape, Strawberry, Citrus, Grapefruit, Orange, Tangerine, Nut trees, Almond, Pecan, Walnut, Pistachio nut, Pome fruit, Pear, Stone fruit, Nectarine, Peach, Plum, Spices, Dill, Rosemary, Sage, Thyme, Cucurbit, Melon, Cucumber, Squash, Gourd, Fruiting vegetables, Eggplant, Pepper, Tomato, Leafy vegetables, Cole crops, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Kale, Kohlrabi, Endive, Escarole, Mustard greens, Parsley, Spinach, Lettuce (head, leaf), Root vegetable crops, Carrot, Garlic, Onion, Potato, Radish, Bean, Corn, Pea, Lentil, Corn, Sorghum, Wheat, Buckwheat, Safflower, Canola, Beet, Celery, Cotton, Peppermint, Peanut, Sorghum, Sugar beet, Sunflower, Turnip, Soybean, Legume, Field crops, Herbs, Ornamental flowering plants, Ornamental plants, Ornamental turf, Azalea, Ficus, Gardenia, Vinca, Potho, Rhododendron, Rose, Ornamental trees, Maple, Oak, Pine

Target pests

Damping-off (Cylindrocladium, Fusarium, Pythium, Rhizoctonia, Thielaviopsis)

OECD registration

Canada, Mexico, Netherlands, USA

Manufacturer

Bioworks Inc.

Manufacturer location

Europe

More information

<http://www.bioworksbiocontrol.com/rootshield/pdf/labels/RootShield%20Granules%209.01.pdf>

Trich-A-Soil

Trichoderma spp.

Fungicide

Fungus

Label crops

Professional turf, Polyhouse, Glasshouse, Nursery irrigation, Seedlings, Field crops

Target pests

Soil-borne fungal pathogens

OECD registration

Australia

Manufacturer

Becker Underwood Pty Ltd.

Manufacturer location

Australia

More information

<http://www.ocp.com.au/OCPWeb/msdslabel/MSDS.htm>

Trichodex

Trichoderma harzianum Rifai strain T-39

Fungicide

Fungus

Label crops

Blackberry, Blackberry, Boysenberry, Dewberry, Loganberry, Raspberry, Youngberry, Blueberry, Cranberry, Currant, Elderberry, Gooseberry, Grape, Huckleberry, Strawberry, Olallieberry, Citrus, Citron, Grapefruit, Kumquat, Orange, Tangelo, Mandarin, Tangerine, Calamondin, Chironja, Pummelo, Almond, Brazil nut, Cashew, Chestnut, Filbert, Hickory nut, Macadamia nut, Pecan, Walnut, Butternut, Pistachio nut, Beech nut, Crabapple, Pear, Oriental pear, Quince, Apricot, Cherry, Nectarine, Peach, Plum, Prune, Banana, Date, Fig, Guava, Mango, Loquat, Papaya, Persimmon, Pineapple, Passion fruit, Pomegranate, Litchi nut, Acerola, Carambola, Cherimoya, Atemoya, Coffee, Celery, Cilantro, Fennel, Ginger, Pepper, Turmeric, Cantaloupe, Casaba melon, Crenshaw melon, Honey ball melon, Honeydew melon, Muskmelon, Persian melon, Watermelon, Chinese waxgourd, Cucumber, Pumpkin, Squash, Citron melon, Balsam pear, Gourd, Gherkin, Mango melon, Chayote, Eggplant, Pepper, Pimento, Pepino, Tomatillo, Ground cherry, Celery, Chicory, Radicchio, Broccoli, Brussels sprout, Cauliflower, Collard, Chinese cabbage, Kale, Kohlrabi, Dandelion, Endive, Artichoke, Lettuce, Mustard greens, Parsley, Rhubarb, Spinach, Swiss chard, Turnip, Chinese spinach, Rapeseed, New zealand spinach, Bamboo shoot, Broccoli raab, Chinese broccoli, Chinese mustard, Chervil, Arrugula, Celtuce, Chrysanthemum, Dock, Orach, Garden purslane, Beet, Chinese artichoke, Celeriac, Dasheen, Garlic, Horseradish, Jerusalem artichoke, Leek, Onion, Parsnip, Potato, Radish, Rutabaga, Salsify, Shallot, Sweet potato, Chicory, Yam, Burdock, Chinese radish, Cassava, Arrowroot, Tanier, Goa bean, Leren, Chufa, Arracacia, Blackeyed pea, Lentil, Okra, Chinese longbean, Catjang, Asparagus, Alfalfa, Peanut, Guar, Sunflower, Olive, Avocado, Bean

Target pests

Botritis cinerea, Collectotrichum spp., Fulvia fulva, Monilia laxa, Plasmopara viticola, Pseudoperonospora cubensis, Rhizopus stolonifer, Sclerotinia sclerotiorum

OECD registration

Italy, Germany, Spain, USA

Manufacturer

Makhteshim

Manufacturer location

Israel

More information

<http://www.mauk.co.uk/include.asp?sec=71&con=328>

Trichodry

Trichoderma spp.

Fungicide

Fungus

Label crops

Seed raising, Potting mix, Propagation

Target pests

Suppresses root pathogens including Pythium, Fusarium, Rhizoctonia, Sclerotinia, Phytophthora spp.

OECD registration

Australia, New Zealand, Turkey

Manufacturer

Agrimm Technologies Ltd.

Manufacturer location

New Zealand

More information

http://www.tricho.com/product_trichodry.htm

Trichoflow

Trichoderma spp.

Fungicide

Fungus

Label crops

Tomato, Capsicum, Cucurbit, Cut flowers

Target pests

Suppresses root pathogens including Pythium, Fusarium, Rhizoctonia, Phytophthora spp.

OECD registration

Australia, New Zealand, Turkey

Manufacturer

Agrimm Technologies Ltd.

Manufacturer location

New Zealand

More information

http://www.tricho.com/product_trichoflow.htm

Trichogrow

Trichoderma spp.

Fungicide

Fungus

Label crops

Field crops, Vegetables, Berries, Cut flowers, Ornamentals, Orchards, Vineyards

Target pests

Suppresses root pathogens including Pythium, Fusarium, Rhizoctonia, Sclerotinia, Phytophthora spp.

OECD registration

Australia, New Zealand, Turkey

Manufacturer

Agrimm Technologies Ltd.

Manufacturer location

New Zealand

More information

http://www.tricho.com/product_trichogrow.htm

Trichomic

Trichoderma spp.

Fungicide

Fungus

Label crops

Ornamentals, Fruit, Citric fruit, Lawn, Olive, Vine

Target pests

Soil pathogens

OECD registration

Manufacturer

AMC Chemical /Trichodex

Manufacturer location

Spain

More information

<http://www.amcchemical.com/english/main-BG.htm>

Trichopel

Trichoderma harzianum / T. viride

Fungicide

Fungus

Label crops

Nursery crops

Target pests

Fungal pathogens including Pythium, Rhizoctonia, Phytophthora spp.

OECD registration

New Zealand, Turkey

Manufacturer

Agrimm Technologies Ltd.

Manufacturer location

New Zealand

More information

http://www.tricho.com/product_trichopel.htm

Trichopel R

Trichoderma spp.

Fungicide

Fungus

Label crops

Vineyards, Orchards, Field crops

Target pests

Suppresses root pathogens including Pythium, Fusarium, Rhizoctonia, Sclerotinia, Phytophthora spp.

OECD registration

New Zealand

Manufacturer

Agrimm Technologies Ltd.

Manufacturer location

New Zealand

More information

http://www.tricho.com/product_trichopel_R.htm

Vinevax

Trichoderma spp.

Fungicide

Fungus

Label crops

Grapevines

Target pests

Eutypa dieback (Eutypa lata)

OECD registration

Australia

Manufacturer

Agrimm Technologies Ltd.

Manufacturer location

New Zealand

More information

http://www.vinevax.com/bio_implant.htm

Vinevax Bio-dowel

Trichoderma spp.

Fungicide

Fungus

Label crops

Grapevines

Target pests

Eutypa dieback (Eutypa lata), Black dead arm (Botryosphaeria)

OECD registration

New Zealand

Manufacturer

Agrimm Technologies Ltd.

Manufacturer location

New Zealand

More information

http://www.vinevax.com/bio_implant.htm

Vinevax Bio-injection

Trichoderma spp.

Fungicide

Fungus

Label crops	Kiwifruit vines, Rootstock mother grapevines, Pome fruit, Stone fruit
Target pests	Armillaria, Eutypa dieback (Eutypa lata), Black arm (Botryosphaeria)
OECD registration	Australia (only registered for Eutypa dieback), New Zealand
Manufacturer	Agrimm Technologies Ltd.
Manufacturer location	New Zealand
More information	http://www.vinevax.com/bio_injection.htm

Vinevax Pruning Wound Dressing

Trichoderma spp.

Fungicide

Fungus

Label crops

Grapevines

Target pests

Eutypa dieback (Eutypa lata)

OECD registration

Australia, New Zealand

Manufacturer

Agrimm Technologies Ltd.

Manufacturer location

New Zealand

More information

http://www.vinevax.com/wound_dressing.htm

Smolder G

Alternaria destruens

Herbicide

Fungus

Label crops

Artichoke, Asparagus, Bean, Cole crops, Broccoli, Cabbage, Leafy vegetables, Celery, Lettuce, Spinach, Onion, Root and Tuber vegetables, Carrot, Potato, Radish, Sugar beet, Fruiting vegetables, Tomato, Pepper, Eggplant, Cucurbit vegetables, Cucumber, Melon, Squash, Herbs and Spices, Basil, Chervil, Cilantro, Dill, Oregano, Thyme, Grape, Cranberry, Strawberry, Blueberry, Blackberry and Raspberry, Alfalfa, Clover, Sunflower, Safflower

Target pests

Dodder (Cuscuta spp.)

OECD registration

Registration pending in USA

Manufacturer

Sylvan Bioproducts

Manufacturer location

USA

More information

<http://plantpath.ifas.ufl.edu/s1001/ohbj.htm>

Agree WP

Bacillus thuringiensis subsp. aizawai

Insecticide

Bacterium

Label crops

Berry plantings, Small fruits, Cranberry, Grape, Citrus, Grapefruit, Orange, Tangerine, Nut trees, Almond, Filbert, Pecan, Walnut, Pistachio nut, Pome fruits, Apples, Pear, Stone fruits, Cherry, Nectarine, Peach, Plum, Prune, Herb, Spices, Cucurbit, Pepper, Tomato, Leafy vegetables, Cole crops, Artichoke, Chinese greens, Root crop vegetables, Root crops (tuber, bulb), Onion, Potato, Radish, Alfalfa, Tobacco, Bean, Celery, Corn, Cotton, Peppermint, Spearmint, Peanut, Pea, Sugar beet, Soybean, Forage crops, Ornamental plants

Target pests

Rindworm complex, Fruitworm, Looper, Saltmarsh caterpillar, Spanworm, Gypsy moth, Cutworm, Velvetbean caterpillar, Cranberry blossomworm, Tobacco budworm, Podworm, Cotton bollworm, Tomato fruitworm, Green cloverworm, Armyworm, Soybean looper, Beet armyworm, False armyworm, Citrus cutworm, Orangedog, Alfalfa caterpillar, Imported cabbageworm, Artichoke plume moth, Melonworm, Cross striped cabbage worm, European corn borer, Naval orangeworm, Hornworm, Redbanded leafroller, Obliquebanded leafroller, Pandemis leafroller, Tufted apple bud moth, Codling moth, Grapeleaf skeletonizer, Diamondback moth, Budworm, Twig borer

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

<http://www.certisusa.com/labels/pdf/agreewg.html>

Bactec Bt 16

Bacillus thuringiensis subsp. kurstaki strain EG2348

Insecticide

Bacterium

Label crops

Berry plantings, Small fruit, Blackberry, Cranberry, Grape, Strawberry, Citrus, Nut trees, Filbert, Pecan, Walnut, Pome fruits, Apple, Pear, Stone fruits, Cherry, Nectarine, Peach, Plum, Prune, Tropical fruit, Pomegranate, Melon, Cucumber, Squash, Eggplant, Pepper, Tomato, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Chinese cabbage, Kale, Kohlrabi, Endive (escarole), Mustard greens, Parsley, Spinach, Turnip greens, Lettuce (head, leaf), Garlic, Leek, Onion, Potato, Stored corn, Alfalfa, Stored grain, Small grains, Tobacco, Safflower, Beet, Celery, Cotton, Peanut, Sugar beet, Sunflower, Stored sunflower seed, Soybean, Stored crop seed, Hay, Forest trees, Ornamental flowering plants, Ornamental plants, Ornamental shade trees, Ornamental trees, Sugar maple

Target pests

Leafroller, Caterpillar, Rindworm complex, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, Oleander moth, California oakworm, Cankerworm, Fall cankerworm, Elm spanworm, Spring cankerworm, Omnivorous looper, Essex skipper, European skipper, Tent caterpillar, Douglas-fir tussock moth, Western tussock moth, Gypsy moth, Velvetbean caterpillar, Tobacco budworm, Podworm, Cotton bollworm, Tomato fruitworm, Variegated cutworm, Green cloverworm, Armyworm, Walnut caterpillar, Saddled prominent, Redhumped caterpillar, Orangedog, Alfalfa caterpillar, Pine butterfly, Imported cabbageworm, Bagworm, Almond moth, Grape leafroller, Melonworm, Tobacco moth, Indian meal moth, Ello moth, Hornworm, Achemon sphinx, Tobacco hornworm, Fruittree leafroller, Redbanded leafroller, Spruce budworm, Variegated leafroller, Omnivorous leafroller, Tufted apple bud moth, Blackheaded budworm, Grapeleaf skeletonizer, Diamondback moth, Mimosa webworm

OECD registration

France, Greece, Spain, USA

Manufacturer

Plato Industries

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=06545800003&DIST_NR=065458

Bactec Bt 32

Bacillus thuringiensis subsp. kurstaki SA-11

Insecticide

Bacterium

Label crops

Blackberry, Cranberry, Grape, Strawberry, Citrus, Almond, Filbert, Pecan, Walnut, Apple, Pear, Cherry, Nectarine, Peach, Plum, Prune, Tropical fruits, Banana, Pomegranate, Kiwi, Spices, Stored spices, Hops, Melon, Cucumber, Squash, Eggplant, Pepper, Tomato, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Chinese cabbage, Kale, Kohlrabi, Endive (escarole), Mustard greens, Parsley, Spinach, Turnip greens, Watercress, Lettuce (head, leaf), Carrot, Garlic, Leek, Onion (bulb), Potato, Corn, Lentil, Asparagus, Onion, Alfalfa, Stored grain, Small grains, Tobacco, Tobacco (flue-cured), Avocado, Bean, Beet, Celery, Cotton, Peanut, Pea, Sorghum, Sugar beet, Sunflower, Stored sunflower seed, Soybean, Forage crops, Rapeseed, Herbs, Forest trees, Ornamental plants, Ornamental turf, Ornamental shade trees, Ornamental trees, Sugar maple

Target pests

Leafroller, Head moth, Rindworm complex, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, Oleander moth, Tomato pinworm, Spanworm, Cankerworm, Fall cankerworm, Elm spanworm, Spring cankerworm, Omnivorous looper, Banana skipper, European skipper, Tent caterpillar, Saddleback caterpillar, Douglas-fir tussock moth, Western tussock moth, Gypsy moth, Cutworm, Velvetbean caterpillar, Tobacco budworm, Tomato fruitworm, Cotton bollworm, Sorghum headworm, Podworm, Green cloverworm, Armyworm, Soybean looper, Citrus cutworm, Heliothis caterpillar, Walnut caterpillar, Azalea caterpillar, Saddled prominent, Redhumped caterpillar, Orangedog, Alfalfa caterpillar, Pine butterfly, Imported cabbageworm, Bagworm, Sod webworm, Almond moth, Grape leaffolder, Melonworm, Tobacco moth, Indian meal moth, Io moth, Greenstriped mapleworm, Ello moth, Hornworm, Achemon sphinx, Tobacco hornworm, Fruittree leafroller, Orange tortrix, Redbanded leafroller, Spruce budworm, Jack pine budworm, Obliquebanded leafroller, Variegated leafroller, Omnivorous leafroller, Filbert leafroller, Tufted apple bud moth, Blackheaded budworm, Codling moth, Grape berry moth, Grapeleaf skeletonizer, Diamondback moth, Mimosa webworm

OECD registration

USA

Manufacturer

Plato Industries

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=06545800004&DIST_NR=065458

Bactimos Granules

Bacillus thuringiensis subsp. israelensis serotype H-14

Insecticide

Bacterium

Label crops	Rice fields, Pastures, Ditches, Ponds, Catch basins, Polluted water, Flood water, Salt marshes, Tidal water
Target pests	Mosquito
OECD registration	USA, unspecified countries
Manufacturer	Valent Biosciences Corp.
Manufacturer location	USA
More information	http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07304900052&DIST_NR=073049

Bactimos Pellets

Bacillus thuringiensis subsp. israelensis serotype H-14

Insecticide

Bacterium

Label crops

Rice fields, Pastures, Ditches, Ponds, Catch basins, Polluted water, Flood water, Salt marshes, Tidal water

Target pests

Mosquito

OECD registration

USA, unspecified countries

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07304900051&DIST_NR=073049

Batik

Bacillus thuringiensis subsp. kurstaki

Insecticide

Bacterium

Label crops

Cabbage, Apple, Pear, Walnut, Vine, Rice, Forestry

Target pests

Pine processionary moth (Thomatopoeae pityocampa), Rice borer (Spodoptera frugiperda), Lobesia botrana, Eupoecilia ambiguella, Cydia pomonella, Capua / Pandemis, Pieris brassicae

OECD registration

France, Switzerland

Manufacturer

Natural Plant Protection

Manufacturer location

France

More information

<http://www.wisard.org/wisard/shared/asp/generalinfoserver/intermediate.asp?InstitutionID=7120>

Biobit HP WP

Bacillus thuringiensis subsp. kurstaki SA-11

Insecticide

Bacterium

Label crops

Blackberry, Raspberry, Blueberry, Cranberry, Currant, Grape, Strawberry, Citrus, Almond, Chestnut, Filbert, Pecan, Walnut, Pome fruit, Apple, Pear, Stone fruit, Cherry, Quince, Apricot, Nectarine, Peach, Plum, Prune, Pomegranate, Tropical fruit, Banana, Persimmon, Pineapple, Kiwi, Basil, Dill, Hops, Oregano, Thyme, Pumpkin, Watermelon, Eggplant, Pepper, Tomato, Cucumber, Squash, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Chinese cabbage, Kale, Kohlrabi, Endive, Lettuce, Yautia, Garlic, Leek, Onion, Radish, Shallot, Sweet potato, Mustard, Parsley, Spinach, Carrot, Potato, Corn, Sweet corn, Lentil, Sunflower, Alfalfa, Rice, Small grains, Canola, Bean, Beet, Horseradish, Turnip, Barley, Oat, Wheat, Sugarcane, Tobacco, Avocado, Celery, Cotton, Mint, Peppermint, Peanut, Pea, Sorghum, Sugar beet, Soybean, Hay, Forage crops, Fruit trees, Fruit, Rapeseed, Herbs, Vegetable crops, Rangeland, Wheat, Forest trees, Stored herbs, Ornamental woody shrubs, Ornamental shade trees, Sugar maple

Target pests

Leafroller, Head moth, Rindworm complex, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, Thecla thecla basilides, Gummosis, Oleander caterpillar, California oakworm, Peach twig borer, Spanworm, Cankerworm, Fall cankerworm, Elm spanworm, Spring cankerworm, Omnivorous looper, Banana skipper, Essex/European skipper, Tent caterpillar, Saddleback caterpillar, Douglas-fir tussock moth, Tussock moth, Browntail moth, Gypsy moth, Cotton leaf perforator, Cutworm, Cotton leafworm, Spotted cutworm, Velvetbean caterpillar, Sorghum headworm, Tobacco budworm, Podworm, Cotton bollworm, Tomato fruitworm, Variegated cutworm, Green cloverworm, Roughskinned cutworm, Armyworm, Soybean looper, Citrus cutworm, Heliothis, Walnut caterpillar, Azalea caterpillar, Saddled prominent, Redhumped caterpillar, Orangedog, Alfalfa caterpillar, Artichoke plume moth, Southern cornstalk borer, European corn borer, Pine butterfly, Imported cabbageworm, Bagworm, Sod webworm, Almond moth, Grape leafroller, Melonworm, Pickleworm, Tropical sod webworm, Lo moth, Tobacco moth, Indian meal moth, Greenstippled mapleworm, Ello moth, Hornworm, Achemon sphinx, Western avocado leafroller, Fruittree leafroller, Orange totortrix, Tortrix moth, Redbanded leafroller, Spruce budworm, Jack pine budworm, Obliquebanded leafroller, Variegated leafroller, Omnivorous leaf-tier, Blueberry leafroller, Omnivorous leafroller, Filbert leafroller, Tufted apple bud moth, Blackheaded budworm, Cherry fruitworm, Codling moth, Grape berry moth, Grapeleaf skeletonizer, Diamondback moth, Mimosa webworm

OECD registration

USA, unspecified countries

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07304900050&DIST_NR=073049

Bioprotec 3P

Bacillus thuringiensis subsp. kurstaki

Insecticide

Bacterium

Label crops

Apple, Pear, Apricot, Peach, Cherry, Plum, Prune, Cabbage, Cauliflower, Broccoli, Cucumber, Pepper, Lettuce, Parsley, Potato, Spinach, Turnip greens, Tomato, Corn, Sweet corn, Cranberry, Tobacco, Blueberry, Ornamental urban trees, Raspberry, Sunflower, Rangeland

Target pests

Oblique-banded leafroller, Fruitree leafroller, European leafroller, Three-lined leafroller, Fruitworm, Winter Moth (apples only), Diamondback Moth, Cabbage Looper, Imported Cabbage worm, European corn borer, Green spanworm, Brown spanworm, Tomato fruitworm, Hornworm, White marked tussock moth, Omnivorous leafroller, Sunflower moth, Rangeland caterpillar

OECD registration

Canada

Manufacturer

AEF Global Inc.

Manufacturer location

Canada

More information

http://www.aefglobal.com/bioprotec_3p_eng.htm

Bioprotec CAF

Bacillus thuringiensis subsp. kurstaki

Insecticide

Bacterium

Label crops

Apple, Pear, Apricot, Peach, Cherry, Plum, Prune, Cabbage, Cauliflower, Broccoli, Cucumber, Pepper, Lettuce, Parsley, Potato, Spinach, Turnip greens, Tomato, Corn, Sweet corn, Cranberry, Tobacco, Blueberry, Ornamental urban trees, Raspberry, Sunflower, Rangeland

Target pests

Oblique-banded leafroller, Fruitree leafroller, European leafroller, Three-lined leafroller, Fruitworm, Winter Moth (apples only), Diamondback Moth, Cabbage Looper, Imported Cabbage worm, European corn borer, Green spanworm, Brown spanworm, Tomato fruitworm, Hornworm, White marked tussock moth, Omnivorous leafroller, Sunflower moth, Rangeland caterpillar

OECD registration

Canada

Manufacturer

AEF Global Inc.

Manufacturer location

Canada

More information

http://www.aefglobal.com/bioprotec_caf_eng.htm

Bioprotec HP

Bacillus thuringiensis subsp. kurstaki

Insecticide

Bacterium

Label crops

Forestry

Target pests

Spruce Budworm, Eastern hemlock, Forest tent caterpillar, Fall spanworm, Western Spruce budworm, Gypsy moth, Spring cankerworm, Fall cankerworm, Fall spanworm, Satin moth

OECD registration

Canada

Manufacturer

AEF Global Inc.

Manufacturer location

Canada

More information

<http://www.aefglobal.com/anglais.htm>

Bioprotec XHP

Bacillus thuringiensis subsp. kurstaki

Insecticide

Bacterium

Label crops

Forestry

Target pests

Spruce Budworm, Eastern hemlock, Forest tent caterpillar, Fall spanworm, Western Spruce budworm, Gypsy moth, Spring cankerworm, Fall cankerworm, Fall spanworm, Satin moth

OECD registration

Canada

Manufacturer

AEF Global Inc.

Manufacturer location

Canada

More information

<http://www.aefglobal.com/anglais.htm>

BMP 123 10G

Bacillus thuringiensis subsp. kurstaki strain BMP 123

Insecticide

Bacterium

Label crops

Corn, Tobacco

Target pests

Tobacco budworm, Fall armyworm, Southwestern corn borer, European corn borer

OECD registration

USA

Manufacturer

Becker Microbial Products Inc.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=06263700008&DIST_NR=062637

BMP 123 2X WP

Bacillus thuringiensis subsp. kurstaki strain BMP 123

Insecticide

Bacterium

Label crops

Small fruit, Grape, Citrus, Nut trees, Pome fruit, Stone fruit, Tropical fruit, Banana, Mango, Papaya, Persimmon, Pomegranate, Kiwi, Hops, Cucurbit, Melon, Cucumber, Squash, Fruiting vegetables, Leafy vegetables, Greens (brassica spp.), Cole crops, Artichoke, Leafy amaranth, Root crop vegetables, Lentil, Okra, Pastures, Cereal crops, Tobacco, Safflower, Canola, Avocado, Cotton, Mint, Peanut, Sunflower, Vegetable crops, Legumes, Pastures, Forage crops, Rangeland, Rapeseed, Forest trees, Ornamental herbaceous bedding plants, Ornamental flowering plants, Ornamental plants, Ornamental woody shrubs, Ornamental shade trees, Sugar maple

Target pests

Leafroller, Rindworm complex, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, Oleander moth, California oakworm, Cankerworm, Fall cankerworm, Elm spanworm, Spring cankerworm, Omnivorous looper, Banana skipper, Essex/European skipper, Tent caterpillar, Eastern tent caterpillar, Forest tent caterpillar, Saddleback caterpillar, Douglas-fir tussock moth, Western tussock moth, Browntail moth, Gypsy moth, Cotton leaf perforator, Cutworm, Cotton leafworm, Spotted cutworm, Velvetbean caterpillar, Tobacco budworm, Podworm, Cotton bollworm, Green fruitworm, Green cloverworm, Armyworm, Citrus cutworm, Heliothis, Walnut caterpillar, Azalea caterpillar, Saddled prominent, Redhumped caterpillar, Orangedog, Alfalfa caterpillar, Pine butterfly, Imported cabbageworm, Bagworm, Artichoke plume moth, Grape leafroller, Grape leaffolder, Melonworm, Pickleworm, Io moth, Range caterpillar, Ello moth, Hornworm, Achemon sphinx, Fruittree leafroller, Orange tortrix, Redbanded leafroller, Spruce budworm, Jack pine budworm, Variegated leafroller, Omnivorous leafroller, Blueberry leafroller, Filbert leafroller, Tufted apple bud moth, Blackheaded budworm, Cherry fruitworm, Grape berry moth, Grapeleaf skeletonizer, Diamondback moth, Mimosa webworm

OECD registration

Australia, France, Greece, Italy, New Zealand, Spain, Turkey, USA

Manufacturer

Becker Microbial Products Inc.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=06263700005&DIST_NR=062637

BMP 123 48 LC

Bacillus thuringiensis subsp. kurstaki strain BMP 123

Insecticide

Bacterium

Label crops

Small fruit, Grape, Citrus, Nut trees, Pome fruit, Stone fruit, Tropical fruit, Banana, Mango, Papaya, Persimmon, Pomegranate, Kiwi, Hops, Cucurbit, Melon, Cucumber, Squash, Fruiting vegetables, Leafy vegetables, Greens (brassica spp.), Cole crops, Artichoke, Leafy amaranth, Root crop vegetables, Lentil, Okra, Pasture, Cereal crops, Tobacco, Safflower, Canola, Avocado, Cotton, Mint, Peanut, Sunflower, Vegetable crops, Legumes, Forage crops, Rangeland, Rapeseed, Forest trees, Ornamental herbaceous bedding plants, Ornamental flowering plants, Ornamental plants, Ornamental woody shrubs, Ornamental shade trees, Sugar maple

Target pests

Leafroller, Rindworm complex, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, Oleander moth, California oakworm, Cankerworm, Fall cankerworm, Elm spanworm, Spring cankerworm, Omnivorous looper, Banana skipper, Essex/European skipper, Tent caterpillar, Eastern tent caterpillar, Forest tent caterpillar, Saddleback caterpillar, Douglas-fir tussock moth, Western tussock moth, Browntail moth, Gypsy moth, Cotton leaf perforator, Cutworm, Cotton leafworm, Spotted cutworm, Velvetbean caterpillar, Tobacco budworm, Podworm, Cotton bollworm, Green fruitworm, Green cloverworm, Armyworm, Citrus cutworm, Heliothis, Walnut caterpillar, Azalea caterpillar, Saddled prominent, Redhumped caterpillar, Orangedog, Alfalfa caterpillar, Pine butterfly, Imported cabbageworm, Bagworm, Artichoke plume moth, Grape leafroller, Grape leaf folder, Melonworm, Pickleworm, Io moth, Range caterpillar, Ello moth, Hornworm, Achemon sphinx, Fruittree leafroller, Orange tortrix, Redbanded leafroller, Spruce budworm, Jack pine budworm, Variegated leafroller, Omnivorous leafroller, Blueberry leafroller, Filbert leafroller, Tufted apple bud moth, Blackheaded budworm, Cherry fruitworm, Grape berry moth, Grapeleaf skeletonizer, Diamondback moth, Mimosa webworm

OECD registration

Australia, France, Greece, Italy, New Zealand, Spain, Turkey, USA

Manufacturer

Becker Microbial Products Inc.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=06263700006&DIST_NR=062637

BMP 123 64 ES

Bacillus thuringiensis subsp. kurstaki strain BMP 123

Insecticide

Bacterium

Label crops

Berry plantings, Small fruit, Grape, Citrus, Nut trees, Pome fruit, Stone fruit, Tropical fruit, Banana, Mango, Papaya, Persimmon, Pomegranate, Kiwi, Hops, Cucurbit, Fruiting vegetables, Leafy vegetables, Cole crops, Artichoke, Root crop vegetables, Seed and pod vegetables, Lentil, Grass, Pasture, Cereal crops, Tobacco, Safflower, Canola, Jojoba, Avocado, Cotton, Mint, Peanut, Sunflower, Forage crops, Rapeseed, Forest trees, Ornamental flowering plants, Ornamental woody shrubs, Ornamental shade trees, Ornamental trees, Sugar maple

Target pests

Leafroller, Rindworm complex, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, Oleander moth, California oakworm, Cankerworm, Fall cankerworm, Elm spanworm, Spring cankerworm, Omnivorous looper, Banana skipper, Essex/European skipper, Tent caterpillar, Eastern tent caterpillar, Forest tent caterpillar, Saddleback caterpillar, Douglas-fir tussock moth, Western tussock moth, Browntail moth, Gypsy moth, Cotton leaf perforator, Cutworm, Cotton leafworm, Spotted cutworm, Velvetbean caterpillar, Tobacco budworm, Podworm, Cotton bollworm, Green fruitworm, Green cloverworm, Armyworm, Citrus cutworm, Heliothis, Walnut caterpillar, Azalea caterpillar, Saddled prominent, Redhumped caterpillar, Orangedog, Alfalfa caterpillar, Pine butterfly, Imported cabbageworm, Bagworm, Artichoke plume moth, Grape leafroller, Grape leaf folder, Melonworm, Pickleworm, lo moth, Range caterpillar, Hornworm, Achemon sphinx, Fruittree leafroller, Orange tortrix, Redbanded leafroller, Spruce budworm, Jack pine budworm, Variegated leafroller, Omnivorous leafroller, Blueberry leafroller, Filbert leafroller, Tufted apple bud moth, Blackheaded budworm, Cherry fruitworm, Filbert worm, Grape berry moth, Grapeleaf skeletonizer, Diamondback moth, Mimosa webworm

OECD registration

Australia, USA

Manufacturer

Becker Microbial Products Inc.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=06263700010&DIST_NR=062637

Bonide Bt Moth Larvae Control

Bacillus thuringiensis subsp. kurstaki SA-11

Insecticide

Bacterium

Label crops

Grape, Orange, Walnut, Melon, Watermelon, Cucumber, Tomato, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Kale, Lettuce, Mustard greens, Spinach, Turnip, Potato, Alfalfa, Tobacco, Bean, Celery, Cotton, Forest trees, Ornamental trees

Target pests

Rindworm complex, Gypsy moth, Tobacco budworm, Cabbage looper, Redhumped caterpillar, Orangedog, Alfalfa caterpillar, Imported cabbageworm, Grape leafroller, Tomato hornworm, Tobacco hornworm, Fruittree leafroller, Omnivorous leafroller

OECD registration

USA

Manufacturer

Bonide Products Inc.

Manufacturer location

USA

More information

<http://www.bonideproducts.com/>

Bonide Dipel 150 Dust

Bacillus thuringiensis subsp. kurstaki SA-11

Insecticide

Bacterium

Label crops

Bushberry, Small fruit, Grape, Melon, Cucumber, Eggplant, Pepper, Tomato, Broccoli, Cabbage, Cauliflower, Collard, Spinach, Turnip, Potato, Cane, Tobacco, Celery, Ornamental flowering plants, Ornamental plants, Ornamental lawns

Target pests

Webworm, Looper, Saltmarsh caterpillar, Oleander moth, Tobacco budworm, Tomato fruitworm, Variegated cutworm, Green cloverworm, Armyworm, Cabbage looper, Imported cabbageworm, Sod webworm, Grape leafroller, Melonworm, Ello moth, Hornworm, Omnivorous leafroller, Grapeleaf skeletonizer, Diamondback moth

OECD registration

USA

Manufacturer

Bonide Products Inc.

Manufacturer location

USA

More information

<http://www.bonideproducts.com/>

Britz Bt Dust

Bacillus thuringiensis subsp. kurstaki SA-11

Insecticide

Bacterium

Label crops

Grape, Melon, Tomato, Broccoli, Cabbage, Cauliflower, Collard, Kale, Lettuce, Mustard greens, Spinach, Turnip, Potato, Celery, Cotton

Target pests

Tobacco budworm, Cotton bollworm, Cabbage looper, Imported cabbageworm, Grape leafroller, Tomato hornworm, Omnivorous leafroller

OECD registration

USA

Manufacturer

Britz Fertilizers Inc.

Manufacturer location

USA

More information

http://www.britzfertilizers.com/images/Product_info/Frame%20set/FrameSet.htm

Bt 320 Dust

Bacillus thuringiensis subsp. kurstaki SA-11 solids, spores, and toxins

Insecticide

Bacterium

Label crops

Broccoli, Cabbage, Cauliflower, Celery, Collard, Cotton, Grape (California), Kale, Lettuce, Melon, Mustard greens, Potato, Spinach, Tomato, Turnip greens

Target pests

Cabbage looper, Imported cabbage worm, Tobacco budworm, Cotton bollworm, Grape leafroller, Omnivorous leaf roller, Tomato hornworm

OECD registration

USA

Manufacturer

Wilbur Ellis Company

Manufacturer location

USA

More information

http://www.wilbur-ellis.com/WC/product_page.htm

Insecticide

Bacterium

Label crops

Blackberry, Raspberry, Blueberry, Cranberry, Currant, Grape, Strawberry, Citrus, Almond, Chestnut, Filbert, Pecan, Walnut, Apple, Pear, Quince, Apricot, Cherry, Nectarine, Peach, Plum, Prune, Tropical fruit, Banana, Persimmon, Pineapple, Pomegranate, Kiwi, Basil, Cilantro, Dill, Hops, Oregano, Thyme, Cantaloupe, Crenshaw melon, Honeydew melon, Muskmelon, Watermelon, Cucumber, Pumpkin, Squash, Eggplant, Pepper, Tomato, Beet greens, Chicory, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Chinese cabbage, Chinese cabbage (napa, bok choy), Kale, Kohlrabi, Endive (escarole), Artichoke, Mustard greens, Parsley, Spinach, Swiss chard, Turnip greens, Watercress, Lettuce (head, romaine, leaf), Yautia (malanga), Arrugula, Carrot, Celeriac, Chive, Garlic, Leek, Onion (dry-bulb), Onion, Parsnip, Potato, Radish, Rutabaga, Salsify, Shallot, Sweet potato, Corn (pop, sweet, field), Lentil, Okra, Asparagus, Onion (green), Grass (silage), Pastures (grass, hay), Alfalfa (hay), Alfalfa, Barley, Oat, Rice, Rye, Wheat, Small grains, Tobacco, Safflower, Sunflower, Canola, Jojoba, Avocado, Bean, Beet, Celery, Cotton, Horseradish, Peppermint, Peanut, Pea, Sorghum, Turnip, Soybean, Vegetable crops, Rapeseed, Forest lands, Ornamental plants, Ornamental flowering plants, Evening primrose, Ornamental turf, Ornamental shade trees, Ornamental trees, Aerial application, Tank mix

Target pests

Leafroller, Moth, Head moth, Cabbage budworm, Rindworm complex, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, Thecla thecla basilides, Batrachedra spp., Oleander moth (adult), California oakworm, Peach twig borer, Tomato pinworm, Spanworm, Fall cankerworm, Elm spanworm, Spring cankerworm, Omnivorous looper, Banana skipper, Essex/European skipper, Tent caterpillar, Eastern tent caterpillar, Saddleback caterpillar, Douglas-fir tussock moth, Western tussock moth, Browntail moth, Gypsy moth, Cotton leafperforator, Spotted cutworm, Velvetbean caterpillar, Tobacco budworm, Bollworm, Corn earworm, Tomato fruitworm, Podworm, Green fruitworm, Green cloverworm, Roughskinned cutworm, Armyworm, Soybean looper, Beet armyworm, Yellowstriped armyworm, Cabbage looper, Citrus cutworm, Walnut caterpillar, Azalea moth (adult), Saddled prominent, Redhumped caterpillar, Orangedog, Banded sunflower moth, Alfalfa caterpillar, Imported cabbageworm, Bagworm, Artichoke plume moth, Sod webworm, Grape leafroller, Melonworm, Pickleworm, Southwestern corn borer, Cross-striped cabbageworm, Cabbage webworm, Sunflower moth, European corn borer, Navel orangeworm, Celery leaf-tier, Tropical sod webworm, Greenstriped mapleworm, Hornworm, Achemon sphinx, Tomato hornworm, Western avocado leafroller, Fruittree leafroller, Orange tortrix, Tortrix moth, Redbanded leafroller, Spruce budworm, Jack pine budworm, Obliquebanded leafroller, Omnivorous leaf-tier, Pandemis leafroller, Variegated leafroller, Omnivorous leafroller, Blueberry leafroller, Garden tortrix, Filbert leafroller, Tufted apple bud moth, Blackheaded budworm, Oriental fruit moth, Cherry fruitworm, Filbert worm, Grape berry moth, Grapeleaf skeletonizer, Diamondback moth, Mimosa webworm

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

<http://www.certisusa.com/labels/pdf/condor.html>

Insecticide

Bacterium

Label crops

Blackberry, Raspberry, Blueberry, Cranberry, Currant, Grape, Strawberry, Citrus, Almond, Chestnut, Filbert, Pecan, Walnut, Apple, Pear, Quince, Apricot, Cherry, Nectarine, Peach, Plum, Prune, Tropical fruit, Banana, Persimmon, Pineapple, Pomegranate, Kiwi, Basil, Cilantro, Dill, Hops, Oregano, Thyme, Cucurbit, Melon, Cantaloupe, Crenshaw melon, Honeydew melon, Muskmelon, Watermelon, Cucumber, Pumpkin, Squash, Eggplant, Pepper, Tomato, Beet, Celery, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Chinese cabbage, Kale, Kohlrabi, Dandelion, Endive (escarole), Artichoke, Mustard greens, Parsley, Spinach, Swiss chard, Turnip greens, Watercress, Lettuce (head, romaine, leaf), Cardoon, Yautia, Arrugula, Chinese greens, Carrot, Celeriac, Chive, Garlic, Leek, Onion, Parsnip, Potato, Radish, Rutabaga, Salsify, Shallot, Sweet potato, Chicory, Corn (pop, sweet), Chick pea, Lentil, Okra, Asparagus, Pastures, Alfalfa, Barley, Oat, Rice, Rye, Wheat, Tobacco, Safflower, Rapeseed, Canola, Jojoba, Avocado, Bean, Beet, Cotton, Horseradish, Peppermint, Peanut, Pea, Sorghum, Sugar beet, Sunflower, Turnip, Soybean, Vegetable crop, Hay, Forest trees, Ornamental flowering plants, Ornamental plants, Ornamental trees, Ornamental trees

Target pests

Leafroller, Head moth, Moth, Cabbage budworm, Rindworm complex, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, Thecla thecla basilides, Gummosis, Oleander moth, California oakworm, Peach twig borer, Tomato pinworm, Spanworm, Fall cankerworm, Elm spanworm, Spring cankerworm, Omnivorous looper, Citrus looper, Banana skipper, Essex/European skipper, Tent caterpillar, Eastern tent caterpillar, Saddleback caterpillar, Douglas-fir tussock moth, Western tussock moth, Browntail moth, Gypsy moth, Cotton leaf perforator, Spotted cutworm, Velvetbean caterpillar, Tobacco budworm, Podworm, Bollworm, Corn earworm, Tomato fruitworm, Green fruitworm, Green cloverworm, Roughskinned cutworm, Armyworm, Soybean looper, Soybean looper, Beet armyworm, Fall armyworm, Yellowstriped armyworm, Cabbage looper, Citrus cutworm, Walnut caterpillar, Azalea moth, Saddled prominent, Redhumped caterpillar, Orangedog, Banded sunflower moth, Alfalfa caterpillar, Pine butterfly, Imported cabbageworm, Bagworm, Artichoke plume moth, Grape leafroller, Melonworm, Pickleworm, Southwestern corn borer, Cross striped cabbage worm, Cabbage webworm, Sunflower moth, European corn borer, Naval orangeworm, Celery leaftier, Greenstriped mapleworm, Hornworm, Achemon sphinx, Tomato hornworm, Tobacco hornworm, Western avocado leafroller, Fruittree leafroller, Orange tortrix, Tortrix moth, Redbanded leafroller, Spruce budworm, Jack pine budworm, Obliquebanded leafroller, Omnivorous leaftier, Pandemis leafroller, Variegated leafroller, Omnivorous leafroller, Blueberry leafroller, Garden tortrix, Filbert leafroller, Tufted apple bud moth, Blackheaded budworm, Oriental fruit moth, Cherry fruitworm, Filbert webworm, Grape berry moth, Grapeleaf skeletonizer, Diamondback moth, Mimosa webworm

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

<http://www.certisusa.com/labels/pdf/condor.html>

Costar

Bacillus thuringiensis subsp. kurstaki

Insecticide

Bacterium

Label crops

Alfalfa, Almond, Apple, Bean (all types), Sugar beet, Blueberry, Cabbage, Chinese cabbage, Carrot, Cherry, Corn, Cotton, Cranberry, Filbert, Forage crops, Stone fruit, Pome fruit, Berries fruit, Grape, Forage grass, Hops, Lentil, Melon (all types), Nut/Tree nut, Nectarine, Pea, Dry pea, Peach, Peanut, Pear, Pecan, Pepper (all types), Pistachio, Plum, Pomegranate, Irish/White potato, Prune, Soybean, Strawberry, Spinach, Tobacco, Tomato, Cucurbit vegetables, Fruiting vegetables, Legume vegetables, Root and tuber vegetables, Walnut

Target pests

Armyworm, Blossom worm, Cotton bollworm, European corn borer, Peach twig borer, Southwestern corn borer, Tobacco budworm, Cankerworm, Pecan nut casebearer, Alfalfa caterpillar, Redhumped caterpillar, Saltmarsh caterpillar, Tent caterpillar, Velvetbean caterpillar, Walnut caterpillar, Green cloverworm, Cutworm, Black cutworm, Fireworm, Cranberry fruitworm, Sparganothis fruitworm, Heliothis, Hornworm, Leafroller, Looper, Cabbage looper, Soybean looper, Codling moth, Diamondback moth, Gypsy moth, Oriental fruit moth, Tufted apple bud moth, Navel orangeworm, European/Essex skipper, Spanworm, Webworm, Fall webworm

OECD registration

Europe, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

<http://www.certisusa.com/labels/pdf/deliverlc.html>

Crymax

Bacillus thuringiensis subsp. kurstaki genetically engineered strain EG7826 toxin

Insecticide

Bacterium

Label crops

Blackberry, Boysenberry, Loganberry, Raspberry, Blueberry, Cranberry, Currant, Grape, Strawberry, Citrus, Almond, Chestnut, Filbert, Pecan, Walnut, Pistachio nut, Apple, Pear, Quince, Apricot, Cherry, Nectarine, Peach, Plum, Prune, Tropical fruits, Banana, Persimmon, Pineapple, Pomegranate, Basil, Cilantro, Dill, Hops, Oregano, Thyme, Cucurbit, Melon, Cantaloupe, Crenshaw melon, Honeydew melon, Muskmelon, Watermelon, Cucumber, Pumpkin, Squash, Eggplant, Pepper, Tomato, Beet greens, Cole crops, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Chinese cabbage, Kale, Kohlrabi, Dandelion, Endive (escarole), Artichoke, Mustard greens, Parsley, Spinach, Swiss chard, Watercress, Lettuce (head, romaine, leaf), Cardoon, Yautia (malanga), Arrugula, Chinese greens, Carrot, Celeriac, Chive, Garlic, Leek, Onion, Parsnip, Potato, Radish, Rutabaga, Salsify, Shalloy, Sweet potato, Chicory, Corn (pop, sweet, field), Chick pea, Lentil, Okra, Asparagus, Onion (green), Grass (silage), Pastures (grass), Alfalfa, Soybean (forage), Barley, Oat, Rice, Rye, Wheat, Tobacco, Meadowfoam, Safflower, Rapeseed, Canola, Jojoba, Avocado, Bean, Beet, Celery, Cotton, Horseradish, Peppermint, Peanut, Pea, Sorghum, Sugar beet, Sunflower, Turnip, Soybean, Vegetable crop, Vegetable crops, Hay, Forest trees, Ornamental herbaceous bedding plants, Ornamental flowering plants, Ornamental plants, Ornamental turf, Ornamental trees

Target pests

Leafroller, Spotted cucumber beetle, Head moth, Cabbage budworm, Rindworm complex, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, Fall webworm, Thecla thecla basilides, Gummosis, Oleander moth, California oakworm, Peach twig borer, Tomato pinworm, Spanworm, Fall cankerworm, Elm spanworm, Spring cankerworm, Spring cankerworm, Omnivorous looper, Banana skipper, European skipper, Tent caterpillar, Eastern tent caterpillar, Western tent caterpillar, Saddleback caterpillar, Douglas-fir tussock moth, Western tussock moth, Browntail moth, Gypsy moth, Cotton leaf perforator, Cutworm, Velvetbean caterpillar, Alfalfa looper, Florida fern caterpillar, Tobacco budworm, Sorghum headworm, Podworm, Bollworm, Corn earworm, Tomato fruitworm, Green fruitworm, Green cloverworm, Roughskinned cutworm, Armyworm, Soybean looper, Southern armyworm, Southern armyworm, Beet armyworm, Yellowstriped armyworm, Cabbage looper, Citrus cutworm, Walnut caterpillar, Azalea moth, Saddled prominent, Redhumped caterpillar, Orangedog, Banded sunflower moth, Alfalfa caterpillar, Pine butterfly, Imported cabbageworm, Bagworm, Artichoke plume moth, Sod webworm, Pecan nut casebearer, Cranberry girdler, Grape leafroller, Melonworm, Pickleworm, Southwestern corn borer, Cross striped cabbage worm, Cabbage webworm, Sunflower moth, European corn borer, Naval orangeworm, Celery leaf-tier, Tropical sod webworm, lo moth, Greenstriped mapleworm, Ello moth, Hornworm, Achemon sphinx, Tomato hornworm, Tobacco hornworm, Western avocado leafroller, Fruittree leafroller, Orange tortrix, Tortrix moth, Redbanded leafroller, Spruce budworm, Jack pine budworm, Obliquebanded leafroller, Omnivorous leaf-tier, Pandemis leafroller, Variegated leafroller, Omnivorous leafroller, Blueberry leafroller, Garden tortrix, Filbert leafroller, Tufted apple bud moth, Blackheaded budworm, Oriental fruit moth, Cherry fruitworm, Cherry fruitworm, Hickory shuckworm, Filbert webworm, Grape berry moth, Blackheaded fireworm, Grapeleaf skeletonizer, Diamondback moth, Mimosa webworm

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

<http://www.certisusa.com/labels/pdf/crymax.html>

Crymax WP

Bacillus thuringiensis subsp. kurstaki genetically engineered strain EG7826 toxin

Insecticide

Bacterium

Label crops

Blackberry, Boysenberry, Loganberry, Raspberry, Blueberry, Cranberry, Currant, Grape, Strawberry, Citrus, Almond, Chestnut, Filbert, Pecan, Walnut, Pistachio nut, Apple, Pear, Quince, Apricot, Cherry, Nectarine, Peach, Plum, Prune, Tropical fruits, Banana, Persimmon, Pineapple, Pomegranate, Kiwi, Basil, Cilantro, Dill, Hops, Oregano, Thyme, Cucurbit, Melon, Cantaloupe, Crenshaw melon, Honeydew melon, Muskmelon, Watermelon, Cucumber, Pumpkin, Squash, Eggplant, Pepper, Tomato, Beet greens, Broccoli, Brussels sprout, Cabbage, Collard, Chinese cabbage, Kale, Kohlrabi, Dandelion, Endive (escarole), Artichoke, Mustard greens, Parsley, Spinach, Swiss chard, Watercress, Lettuce (head, romaine, leaf), Cardoon, Yautia (malanga), Arrugula, Chinese green, Carrot, Celery, Chive, Garlic, Leek, Onion, Parsnip, Potato, Radish, Rutabaga, Salsify, Shallot, Sweet potato, Chicory, Corn (pop, sweet, field), Chick pea, Lentil, Okra, Asparagus, Onion (green), Pastures (grass, hay, silage), Alfalfa, Soybean, Barley, Oat, Rice, Rye, Wheat, Tobacco, Meadowfoam, Safflower, Canola, Jojoba, Avocado, Bean, Beet, Celery, Cotton, Horseradish, Peppermint, Peanut, Pea, Sorghum, Sugar beet, Sunflower, Turnip, Soybean, Vegetable crops, Rapeseed, Forest trees, Forest trees, Ornamental flowering plants, Evening primrose, Ornamental plants, Ornamental turf, Ornamental trees

Target pests

Leafroller, Head moth, Cabbage budworm, Rindworm complex, Webworm, Looper Saltmarsh caterpillar, Fall webworm, Thecla thecla basilides, Gummosis, Oleander moth, California oakworm, Peach twig borer, Tomato pinworm, Spanworm, Fall cankerworm, Elm spanworm, Spring cankerworm, Omnivorous looper, Banana skipper, European skipper, Tent caterpillar, Eastern tent caterpillar, Western tent caterpillar, Saddleback caterpillar, Douglas-fir tussock moth, Western tussock moth, Browntail moth, Gypsy moth, Cotton leaf perforator, Spotted cutworm, Velvetbean caterpillar, Alfalfa looper, Florida fern caterpillar, Tobacco budworm, Sorghum headworm, Podworm, Bollworm, Corn earworm, Tomato fruitworm, Green fruitworm, Green cloverworm, Roughskinned cutworm, Armyworm, Soybean looper, Southern armyworm, Beet armyworm, Yellowstriped armyworm, Cabbage looper, Citrus cutworm, Walnut caterpillar, Azalea moth, Saddled prominent, Redhumped caterpillar, Orangedog, Banded sunflower moth, Alfalfa caterpillar, Pine butterfly, Imported cabbageworm, Bagworm, Artichoke plume moth, Sod webworm, Pecan nut casebearer, Cranberry girdler, Grape leafroller, Melonworm, Pickleworm, Southwestern corn borer, Cross striped cabbage worm, Cabbage webworm, Sunflower moth, European corn borer, Naval orangeworm, Celery leaf-tier, Tropical sod webworm, lo moth, Greenstriped mapleworm, Ello moth, Hornworm, Achemon sphinx, Tomato hornworm, Tobacco hornworm, Fruittree leafroller, Orange tortrix, Tortrix moth, Redbanded leafroller, Spruce budworm, Jack pine budworm, Obliquebanded leafroller, Omnivorous leaf-tier, Pandemis leafroller, Variegated leafroller, Omnivorous leafroller, Blueberry leafroller, Garden tortrix, Filbert leafroller, Tufted apple bud moth, Blackheaded budworm, Oriental fruit moth, Cherry fruitworm, Hickory shuckworm, Filbert webworm, Grape berry moth, Blackheaded fireworm, Grapeleaf skeletonizer, Diamondback moth, Mimosa webworm

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07005100090&DIST_NR=070051

Delfin

Bacillus thuringiensis subsp. kurstaki SA-11

Insecticide

Bacterium

Label crops

Strawberry, Lettuce, Endive, Chinese cabbage, Runner bean, Spinach, Pickle, Cucumber, Eggplant, Rutabaga, Turnip, Radish, Carrot, Beet, Onion, Leek, Apricot, Almond, Black currant, Cherry, Raspberry, Hazelnut, Walnut, Olive, Peach, Apple, Pear, Quince, Plum, Vine, Shallot, Artichoke,

Target pests

Cabbage moth (*Plutella xylostella*), *Autographa gamma*, *Plusia* spp., *Evergestis forvicalis*, *Polia oleracea*, *Chrysodeixis chalcites*, *Acrolepiopsis assectella*, Cankerworm, Oriental fruit moth, Peach twig borer (*Anarsia*), Winter moth, Currant leafroller, Currant fruitworm, Currant moth, Defoliating caterpillars, Walnut moth, Olive moth, Fruit tortrix moth (*Pandemis*, *Capua*), Codling moth, Green bud moth, Eye-spotted bud moth, European leafroller, European budworm, Tortrix moth, Leek moth, Cutworm, Leafminer, Leafroller

OECD registration

France, Netherlands

Manufacturer

Certis USA, LLC

Manufacturer location

France

More information

<http://www.certiseurope.nl/Content/Product.asp>

Deliver

Bacillus thuringiensis subsp. kurstaki

Insecticide

Bacterium

Label crops

Alfalfa, Almond, Apple, Apricot, Artichoke, Asparagus, Avocado, Banana, Basil, Bean (all types; green, lima, mung), Beet, Blueberry, Broccoli raab, Broccoli (Chinese, white flowering, gai lon), Brussels sprout, Cabbage, Chinese cabbage, Canola, Cantaloupe, Cardoon, Carrot, Cauliflower, Celery root, Celery, Cereal grains (stored), Cherry, Chickpea, Chinese greens, Cilantro, Collard, Corn, Cotton, Cucumber, Currant, Dandelion greens, Dill, Eggplant, Endive, Chicory, Escarole, Evening primrose, Filbert, Forage crops, Citrus fruit, Garlic, Grape, Herbs, Hops, Horseradish, Kale, Kiwi, Kohlrabi, Leek, Lentil, Lettuce (buttercrunch, head, leaf, romaine), Melon (all types), Crenshaw melon, Honeydew melon, Muskmelon, Mint, Mustard greens, Nectarine, Okra, Onion, Green onion, Oregano, Parsley, Parsnip, Pea, Dry pea, Peach, Peanut, Pear, Pecan, Pepper (all types), Persimmon, Pistachio, Plum, Pomegranate, Irish/White potato, Sweet potato, Prune, Pumpkin, Radish, Rice, Rutabaga, Safflower, Salsify, Sorghum, Soybean, Spinach, Squash (summer, winter), Strawberry, Sudan grass, Sunflower, Swiss Chard, Thyme, Tobacco, Tomato, Turnip greens, Turnip root, Walnut, Watercress, Watermelon, True yam, Grass/Turf, Flowering plants, Ornamental plants, Rose, Shade trees

Target pests

Armyworm, Beet armyworm, Bagworm, Cotton bollworm, European corn borer, Peach twig borer, Southwestern corn borer, Jack Pine Budworm, Spruce/Eastern spruce budworm, Tobacco budworm, Imported cabbageworm, Fall cankerworm, Spring Cankerworm, Pecan nut casebearer, Alfalfa caterpillar, Redhumped caterpillar, Saltmarsh caterpillar, Tent caterpillar, Velvetbean caterpillar, Green cloverworm, Cutworm, Citrus cutworm, Roughskinned cutworm, Spotted cutworm, Corn earworm, Filbertworm, Cherry fruitworm, Green fruitworm, Tomato fruitworm, Helicoverpa, Heliothis, Hornworm, Tobacco hornworm, Grape leaffolder, Cotton leafperforator, Blueberry leafroller, Fruittree leafroller, Obliquebanded leafroller, Omnivorous leafroller, Redbanded leafroller, Variegated leafroller, Omnivorous leaftier, Cotton leafworm, Looper, Almond moth, Artichoke plume moth, Codling moth, Diamondback moth, Douglas-fir Tussock moth, Gypsy moth, Indianmeal moth, Oriental fruit moth, Tufted apple bud moth, Western tussock moth, California oakworm, Orangedog, Navel orangeworm, Tomato pinworm, Rindworm, Grapeleaf skeletonizer, Banana skipper, Blueberry spanworm, Elm spanworm, Orange tortrix, Fall webworm, Mimosa webworm, Sod/Lawn moth webworm, Tropical sod webworm

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

<http://www.certisusa.com/labels/summary/deliver.html>

Deliver LC

Bacillus thuringiensis subsp. kurstaki

Insecticide

Bacterium

Label crops

Alfalfa, Almond, Apple, Bean (all types), Sugar beet, Blueberry, Cabbage, Chinese cabbage, Carrot, Cherry, Corn, Cotton, Cranberry, Filbert, Forage crops, Stone fruit, Pome fruit, Berries fruit, Grape, Forage grass, Hops, Lentil, Melon (all types), Nut/Tree nut, Nectarine, Pea, Dry pea, Peach, Peanut, Pear, Pecan, Pepper (all types), Pistachio, Plum, Pomegranate, Irish/White potato, Prune, Soybean, Strawberry, Spinach, Tobacco, Tomato, Cucurbit vegetables, Fruiting vegetables, Legume
Spanworm, Webworm, Fall webworm

Target pests

Armyworm, Blossom worm, Cotton bollworm, European corn borer, Peach twig borer, Southwestern corn borer, Tobacco budworm, Cankerworm, Pecan nut casebearer, Alfalfa caterpillar, Redhumped caterpillar, Saltmarsh caterpillar, Tent caterpillar, Velvetbean caterpillar, Walnut caterpillar, Green cloverworm, Cutworm, Black cutworm, Fireworm, Cranberry fruitworm, Sparganothis fruitworm, Heliothis, Hornworm, Leafroller, Looper, Cabbage looper, Soybean looper, Codling moth, Diamondback moth, Gypsy moth, Oriental fruit moth, Tufted apple bud moth, Navel orangeworm, European/Essex skipper, vegetables, Root and tuber vegetables, Walnut

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

<http://www.certisusa.com/labels/pdf/deliverlc.html>

Dipel DF

Bacillus thuringiensis subsp. kurstaki strain ABTS-351

Insecticide

Bacterium

Label crops

Alfalfa (hay and seed); Hay and other forage crops; Berries and small fruit such as grape, strawberry, blackberry; Bulb such as leek, garlic, onion (green and bulb); Cucurbit vegetables such as melon, cucumber, squash; Fruiting vegetables such as tomato, pepper, eggplant; Greenhouse/Shadehouse, outdoor nursery crops such as leafy herbs, brassica, fruiting groups; Herbs, spices, mints such as basil, chive, dill, peppermint; Leafy and cole crops such as lettuce (head and leaf), kale, celery, spinach, broccoli, cabbage, mustard greens, brussels sprouts, cauliflower, collard, chinese cabbage, endive, kohlrabi, parsley; Legume vegetables such as bean pea, lentil, soybean

Target pests

Looper, Alfalfa caterpillar, European skipper, Armyworm, Grapeleaf skeletonizer, Grape leafroller, Achema sphinx moth, Saltmarsh caterpillar, Omnivorous leafroller, Orange tortrix, Oblique banded leafroller, Tobacco budworm, Grape berry moth, Melonworm, Cutworm, Cranberry fruitworm, Gypsy moth, Hornworm, Imported cabbageworm, Diamondback moth, Green cloverworm, Webworm, Saltmarsh caterpillar, Cross-stripped cabbageworm, Rindworm complex, Tomato fruitworm, Variegated cutworm, Heliothis, Velvetbean caterpillar, Podworm, Redhumped caterpillar, Tent caterpillar, Fall webworm, Walnut caterpillar, Cankerworm, Redbanded leafroller, Tufted apple budmoth, Fruit tree leafroller, Oriental fruit moth, Oblique banded leafroller, Twig borer, Amorbia moth, Omnivorous looper, Spanworm, Banana skipper, Fruit tree leafroller, Orangedog, Citrus cutworm, Headworm, European corn borer, Cotton bollworm, Gummosos-batrachedra comosae (Hodges), Thecla-thecla basilides (Geyr), Head moth,

OECD registration

USA

Manufacturer

Valent Biosciences Corp.

Manufacturer Location

USA

More information

<http://www.valent.com/productdocs.asp?industry=2>

Dipel 2X DF

Bacillus thuringiensis subsp. kurstaki strain HD-1

Insecticide

Bacterium

Label crops

Small fruit, Blackberry, Cranberry, Grape, Strawberry, Citrus, Nut trees, Almond, Filbert, Pecan, Walnut, Pome fruit, Apple, Pear, Stone fruit, Cherry, Nectarine, Peach, Plum, Prune, Tropical fruit, Banana, Pineapple, Pomegranate, Kiwi, Herb, Spice, Basil, Dill, Hops, Cucurbit, Melon, Cucumber, Squash, Fruiting vegetables, Eggplant, Pepper, Tomato, Leafy vegetables, Leafy vegetables, Greens (brassica spp.), Cole crops, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Chinese cabbage, Kale, Kohlrabi, Endive, Mustard greens, Parsley, Spinach, Watercress, Lettuce, Stem vegetables, Root crop vegetables, Carrot, Chive, Garlic, Leek, Onion, Potato, Seed and pod vegetables, Corn (pop, sweet), Lentil, Asparagus, Grass, Alfalfa, Stored grain, Small grains, Tobacco, Stored tobacco, Safflower, Avocados, Bean, Beet, Celery, Corn, Cotton, Mint, Peppermint, Peanut, Stored peanut, Pea, Sorghum, Sugar beet, Sunflower, Soybean, Pastures, Stored seeds, Forage crops, Rangeland, Rapeseed, Herbs, Forest trees, Ornamental herbaceous plants, Ornamental flowering plants, Malanga, Ornamental turf, Ornamental shade trees, Ornamental trees, Sugar maple, Stored spices, Stored herbs, Stored condiments, Stored birdseed, Grain bins

Target pests

Leafroller, Rindworm complex, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, Thecla thecla basilides, Batrachedra spp, Gummosis, Oleander caterpillar, California oak moth, Tomato pinworm, Spanworm, Cankerworm, Fall cankerworm, Elm spanworm, Spring cankerworm, Omnivorous looper, Banana skipper, Essex/European skipper, Tent caterpillar, Saddleback caterpillar, Douglas-fir tussock moth, Western tussock moth, Gypsy moth, Cutworm, Velvetbean caterpillar, Tobacco budworm, Sorghum headworm, Podworm, Cotton bollworm, Tomato fruitworm, Variegated cutworm, Green cloverworm, Armyworm, Soybean looper, Citrus cutworm, Heliothis, Walnut caterpillar, Azalea caterpillar, Saddled prominent, Redhumped caterpillar, Orangedog, Alfalfa caterpillar, Pine butterfly, Imported cabbageworm, Bagworm, Sod webworm, Almond moth, Grape leafroller, Melonworm, Tobacco moth, Sunflowerhead moth, Indian meal moth, lo moth, Range caterpillar, Greenstriped mapleworm, Elio moth, Hornworm, Achemon sphinx, Western avocado leafroller, Fruittree leafroller, Orange tortrix, Redbanded leafroller, Spruce budworm, Jack pine budworm, Obliquebanded leafroller, Variegated leafroller, Omnivorous leafroller, Filbert leafroller, Tufted apple bud moth, Blackheaded budworm, Codling moth, Grape berry moth, Grapeleaf skeletonizer, Diamondback moth, Mimosa webworm

OECD registration

Canada, USA, unspecified countries

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA

More information

http://www.valentbiosciences.com/agricultural_products/agricultural_products_5.asp

Dipel Dust

Bacillus thuringiensis subsp. kurstaki SA-11

Insecticide

Bacterium

Label crops

Grape, Melon, Cucumber, Tomato, Broccoli, Cabbage, Cauliflower, Collard, Kale, Lettuce, Mustard, Turnip, Potato, Tobacco, Celery

Target pests

Cabbage looper, Imported cabbageworm, Grape leaffolder, Tomato hornworm, Tobacco hornworm

OECD registration

USA

Manufacturer

Southern Agricultural Insecticides Inc.

Manufacturer location

USA

More information

<http://www.southernag.com/PDF%20Files/dipel.pdf>

Dipel ES

Bacillus thuringiensis subsp. kurstaki strain HD-1

Insecticide

Bacterium

Label crops

Blueberry, Cranberry, Grape, Strawberry, Citrus, Almond, Filbert, Pecan, Walnut, Apple, Pear, Cherry, Nectarine, Peach, Plum, Prune, Pomegranate, Stored spice, Hops, Eggplant, Pepper, Tomato, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Chinese cabbage, Kale, Kohlrabi, Endive, Lettuce, Mustard greens, Parsley, Spinach, Lettuce, Carrot, Potato, Corn, Lentil, Sunflower, Alfalfa, Barley, Oat, Wheat, Sugarcane, Tobacco, Sunflower, Avocado, Bean, Celery, Cotton, Peanut, Pea, Sorghum, Sugar beet, Stored sunflower seed, Soybean, Hay, Forage crops, Rangeland, Stored herbs, Sunflower, Ornamental woody shrubs, Ornamental shade trees, Sugar maple, Stored condiments, Stored birdseed, Irrigation supply systems

Target pests

Leafroller, Fireworm, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, California oakworm, Peach twig borer, Spanworm, Cankerworm, Fall cankerworm, Elm spanworm, Spring cankerworm, Omnivorous looper, Essex/European skipper, Tent caterpillar, Saddleback caterpillar, Douglas-fir tussock moth, Western tussock moth, Brown tail moth, Gypsy moth, Cutworm, Black cutworm, Velvetbean caterpillar, Cranberry blossomworm, Tobacco budworm, Corn earworm, Tomato fruitworm, Cotton bollworm, Podworm, Western bean cutworm, Variegated cutworm, Green cloverworm, Armyworm, Soybean looper, Fall armyworm, Citrus cutworm, Grass looper, Walnut caterpillar, Saddled prominent, Redhumped caterpillar, Orangedog, Banded sunflower moth, Alfalfa caterpillar, Pine butterfly, Imported cabbageworm, Bagworm, Pecan nut casebearer, Cranberry fruitworm, Almond moth, Southwestern corn borer, Sugarcane borer, Sunflower moth, European corn borer, Navel orangeworm, Indian meal moth, Range caterpillar, Greenstriped mapleworm, Hornworm, Western avocado leafroller, Fruittree leafroller, Orange tortrix, Redbanded leafroller, Oak leaf tier, Spruce budworm, Jack pine budworm, Obliquebanded leafroller, Variegated leafroller, Omnivorous leafroller, Sparganothis fruitworm, Filbert leafroller, Tufted apple bud moth, Blackheaded budworm, Oriental fruit moth, Codling moth, Diamondback moth, Mimosa webworm

OECD registration

Canada, USA, unspecified countries

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA

More information

<http://www.cypress.com/docs/LABEL/L10076.PDF>

Dipel ES-NT

Bacillus thuringiensis subsp. kurstaki strain HD-1

Insecticide

Bacterium

Label crops

Berry plantings, Small fruit, Blueberry, Cranberry, Grape, Strawberry, Nut trees, Almond, Filbert, Pecan, Walnut, Pome fruit, Apple, Pear, Stone fruit, Cherry, Nectarine, Peach, Plum, Prune, Pomegranate, Hops, Fruiting vegetables, Eggplant, Pepper, Tomato, Leafy vegetables, Cole crops, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Chinese cabbage, Kale, Kohlrabi, Endive, Lettuce, Mustard greens, Parsley, Spinach, Lettuce, Root crop vegetables, Carrot, Potato, Corn, Lentil, Sunflower, Alfalfa, Barley, Oat, Small grains, Tobacco, Cotton, Peanut, Pea, Sorghum, Sugar beet, Soybean, Vegetable crops, Forage crops, Wheat, Forest trees, Ornamental woody shrubs, Ornamental shade trees, Ornamental trees, Sugar maple, Irrigation supply systems

Target pests

Leafroller, Fireworm, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, California oakworm, Peach twig borer, Peach twig borer, Spanworm, Cankerworm, Fall cankerworm, Elm spanworm, Hemlock looper, Spring cankerworm, Omnivorous looper, Pine looper, Essex/European skipper, Tent caterpillar, Eastern tent caterpillar, Forest tent caterpillar, Saddleback caterpillar, Douglas-fir tussock moth, Western tussock moth, Browntail moth, Gypsy moth, Oak skeletonizer, Cutworm, Black cutworm, Velvetbean caterpillar, Cranberry blossomworm, Army cutworm, Tobacco budworm, Corn earworm, Tomato fruitworm, Cotton bollworm, Podworm, Western bean cutworm, Variegated cutworm, Green cloverworm, Armyworm, Soybean looper, Walnut caterpillar, Saddled prominent, Redhumped caterpillar, Banded sunflower moth, Alfalfa caterpillar, Pine butterfly, Imported cabbageworm, Bagworm, Pecan nut casebearer, Southwestern corn borer, Sunflower moth, European corn borer, Naval orangeworm, Range caterpillar, Greenstriped mapleworm, Hornworm, Tobacco hornworm, Western avocado leafroller, Orange tortrix, Tortrix moth, Oak leaf-tier, Spruce budworm, Jack pine budworm, Omnivorous leafroller, Cranberry fruitworm, Sparganothis fruitworm, Tufted apple bud moth, Blackheaded budworm, Oriental fruit moth, Codling moth, Buckmoth, Diamondback moth, Mimosa webworm

OECD registration

Canada, USA, unspecified countries

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07304900030&DIST_NR=073049

Dipel WP

Bacillus thuringiensis subsp. kurstaki strain HD-1

Insecticide

Bacterium

Label crops

Bushberry, Small fruit, Caneberry, Grape, Citrus, Nut trees, Pome fruit, Stone fruit, Tropical fruit, Pomegranate, Safflower, Cucurbit, Melon, Cucumber, Squash, Eggplant, Pepper, Tomato, Cole crops, Potato, Stored corn, Stored peanut, Lentil, Alfalfa, Stored grain, Small grains, Tobacco, Bean, Cotton, Mint, Peanut, Pea, Sugar beet, Sunflower, Stored sunflower seed, Soybean, Vegetable crops, Stored crop seed, Forest trees, Ornamental flowering plants, Ornamental plants, Ornamental shade trees, Ornamental trees, Sugar maple, Stored birdseed, Grain/cereal/flour bagged feed/food

Target pests

Leafroller, Moth, Rindworm complex, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, Oleander caterpillar, California oakworm, Cankerworm, Fall cankerworm, Elm spanworm, Spring cankerworm, Omnivorous looper, Essex/European skipper, Tent caterpillar, Saddleback caterpillar, Douglas-fir tussock moth, Western tussock moth, Gypsy moth, Velvetbean caterpillar, Tobacco budworm, Podworm, Cotton bollworm, Tomato fruitworm, Variegated cutworm, Green cloverworm, Armyworm, Walnut caterpillar, Saddled prominent, Redhumped caterpillar, Orangedog, Alfalfa caterpillar, Pine butterfly, Imported cabbageworm, Bagworm, Almond moth, Grape leafroller, Melonworm, Tobacco moth, Indian meal moth, Io moth, Ello moth, Hornworm, Achemon sphinx, Fruitree leafroller, Redbanded leafroller, Spruce budworm, Jack pine budworm, Variegated leafroller, Omnivorous leafroller, Tufted apple bud moth, Blackheaded budworm, Grapeleaf skeletonizer, Diamondback moth, Mimosa webworm

OECD registration

Canada, USA, unspecified countries, (sold in Belgium, France and The Netherlands)

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07304900005&DIST_NR=073049

Ferti-lome Dipel Dust

Bacillus thuringiensis subsp. kurstaki SA-11

Insecticide

Bacterium

Label crops

Melon, Cucumber, Squash, Pepper, Tomato, Broccoli, Cabbage, Cauliflower, Collard, Lettuce, Mustard greens, Spinach, Potato, Bean, Celery, Pea, Turnip, Ornamental herbaceous plants, Ornamental evergreens, Ornamental turf, Ornamental woody shrubs, Ornamental broadleaf evergreen shrubs

Target pests

Cabbageworm, Rindworm complex, Webworm, Looper, Saltmarsh caterpillar, California oak moth, Cankerworm, Tent caterpillar, Saddleback caterpillar, Western tussock moth, Gypsy moth, Tobacco budworm, Tomato fruitworm, Variegated cutworm, Green cloverworm, Armyworm, Saddled prominent, Redhumped caterpillar, Bagworm, Sod webworm, Melonworm, Hornworm, Fruittree leafroller, Spruce budworm, Omnivorous leafroller, Blackheaded budworm, Diamondback moth

OECD registration

USA

Manufacturer

Voluntary Purchasing Group Inc.

Manufacturer location

USA

More information

http://www.fertilome.com/Labels/FertiLome/Dry_Insecticides/FL%20Dipel%20Dust%20Label.pdf

Insecticide

Bacterium

Label crops

Berry plantings, Small fruit, Blackberry, Raspberry, Blueberry, Cranberry, Currant, Grape, Strawberry, Citrus, Nut trees, Almond, Chestnut, Filbert, Pecan, Walnut, Pome fruit, Apple, Pear, Quince, Stone fruit, Nectarine, Peach, Plum, Prune, Tropical fruit, Banana, Persimmon, Pineapple, Pomegranate, Kiwi, Herbs, Spices, Basil, Dill, Hops, Oregano, Thyme, Cucurbit, Melon, Watermelon, Cucumber, Pumpkin, Squash, Fruiting vegetables, Eggplant, Pepper, Tomato, Leafy vegetables, Greens, Cole crops, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Kale, Kohlrabi, Endive, Artichoke, Parsley, Spinach, Turnip, Watercress, Lettuce, Yautia, Root crop vegetables, Root crops, Carrot, Garlic, Leek, Onion, Potato, Radish, Shallot, Sweet potato, Corn, Lentil, Asparagus, Grass, Pastures, Rangeland, Alfalfa, Rice, Small grains, Tobacco, Safflower, Canola, Jojoba, Avocado, Bean, Beet, Celery, Cotton, Horseradish, Mint, Peppermint, Peanut, Pea, Sorghum, Sugar beet, Sunflower, Turnip, Soybean, Vegetable garden crop, Legumes, Fruit trees, Rapeseed, Herbs, Forest trees, Seed orchard trees, Ornamental plants, Ornamental flowering plants, Malanga, Ornamental garden plants, Ornamental turf, Ornamental woody shrubs, Ornamental shade trees, Ornamental nut trees, Ornamental fruit trees, Citrus, Sugar maple

Target pests

Leafroller, Head moth, Coneworm, Rindworm complex, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, Batrachedra spp., Gummosis, Oleander moth, California oakworm, Peach twig borer, Spanworm, Cankerworm, Fall cankerworm, Elm spanworm, Eastern hemlock looper, Western hemlock looper, Spring cankerworm, Omnivorous looper, Banana skipper, Essex/European skipper, Tent caterpillar, Saddleback caterpillar, Thecla thecla basilides, Tussock moth, Douglas-fir tussock moth, Browntail moth, Gypsy moth, Satin moth, Cotton leaf perforator, Cutworm, Cotton leafworm, Spotted cutworm, Velvetbean caterpillar, Alfalfa looper, Tobacco budworm, Sorghum headworm, Podworm, Cotton bollworm, Tomato fruitworm, Green fruitworm, Variegated cutworm, Green cloverworm, Roughskinned cutworm, Armyworm, Soybean looper, Citrus cutworm, Heliothis, Walnut caterpillar, Azalea moth, Saddled prominent, Redhumped caterpillar, Orangedog, Alfalfa caterpillar, Pine butterfly, Imported cabbageworm, Bagworm, Artichoke plume moth, Sod webworm, Grape leaf folder, Melonworm, Pickleworm, Southwestern corn borer, European corn borer, Naval orangeworm, Tropical sod webworm, lo moth, Orangestriped oakworm, Ello moth, Hornworm, Achemon sphinx, Tobacco hornworm, Western avocado leafroller, Fruittree leafroller, Orange tortrix, Tortrix moth, Redbanded leafroller, Spruce budworm, Jack pine budworm, Obliquebanded leafroller, Omnivorous leaf tier, Variegated leafroller, Omnivorous leafroller, Blueberry leafroller, Filbert leafroller, Tufted apple bud moth, Blackheaded budworm, Cherry fruitworm, Codling moth, Filbert worm, Filbert webworm, Grape berry moth, Buckmoth, Grapeleaf skeletonizer, Diamondback moth, Mimosa webworm

OECD registration

Canada, USA, unspecified countries

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA

More information

http://www.valentbiosciences.com//public_health_and_forestry/public_health_and_forestry_11.asp

Foray 48BA

Bacillus thuringiensis subsp. kurstaki strain HD-1

Insecticide

Bacterium

Label crops

Agricultural crops, Forests, Woodlands, Ornamentals

Target pests

Lepidopterous species

OECD registration

Canada, USA, unspecified countries

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA

More information

<http://eddenet.pmra-arla.gc.ca/4.0/4.1.2.asp?reg=24978%2E00&page=1&uniqueid=7%2F26%2F2004+4%3A49%3A33+PM>

Foray 76B

Bacillus thuringiensis subsp. kurstaki strain HD-1

Insecticide

Bacterium

Label crops

Berry plantings, Small fruit, Blackberry, Raspberry, Blueberry, Cranberry, Currant, Grape, Strawberry, Citrus, Nut trees, Almond, Filbert, Pecan, Walnut, Pome fruit, Apple, Pear, Quince, Stone fruit, Apricot, Cherry, Nectarine, Peach, Plum, Prune, Tropical fruit, Banana, Persimmon, Pineapple, Pomegranate, Kiwi, Basil, Dill, Hops, Oregano, Thyme, Cucurbit, Melon, Watermelon, Cucumber, Pumpkin, Squash, Eggplant, Pepper, Tomato, Leafy vegetables, Cole crops, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Kale, Kohlrabi, Endive, Lettuce, Parsley, Spinach, Turnip, Watercress, Root crop vegetables, Carrot, Garlic, Leek, Onion, Potato, Radish, Shallot, Sweet potato, Corn, Lentil, Asparagus, Grass, Pastures, Rangeland, Alfalfa, Rice, Small grains, Tobacco, Safflower, Canola, Avocado, Bean, Beet, Celery, Cotton, Horseradish, Peppermint, Peanut, Pea, Sorghum, Sugar beet, Sunflower, Turnip, Soybean, Vegetable crops, Legumes, Orchards, Fruit trees, Rapeseed, Herbs, Forest lands, Ornamental herbaceous plants, Ornamental foliage plants, Malanga, Ornamental plants, Ornamental woody shrubs, Jojoba, Ornamental shade trees, Ornamental nut trees, Ornamental fruit trees, Chestnut, Citrus, Sugar maple

Target pests

Leafroller, Head moth, Coneworm, Rindworm complex, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, Thecla thecla basilides, Gummosis, Oleander moth, California oakworm, Peach twig borer, Spanworm, Cankerworm, Fall cankerworm, Elm spanworm, Eastern hemlock looper, Western hemlock looper, Spring cankerworm, Omnivorous looper, Banana skipper, Essex/European skipper, Tent caterpillar, Saddleback caterpillar, Tussock moth, Douglas-fir tussock moth, Browntail moth, Gypsy moth, Satin moth, Cotton leaf perforator, Cutworm, Cotton leafworm, Spotted cutworm, Velvetbean caterpillar, Tobacco budworm, Sorghum headworm, Podworm, Cotton bollworm, Tomato fruitworm, Green fruitworm, Variegated cutworm, Green cloverworm, Roughskinned cutworm, Armyworm, Soybean looper, Citrus cutworm, Heliothis, Walnut caterpillar, Azalea moth, Saddled prominent, Redhumped caterpillar, Orangedog, Alfalfa caterpillar, Pine butterfly, Imported cabbageworm, Bagworm, Artichoke plume moth, Grape leaffolder, Melonworm, Pickleworm, Southwestern corn borer, European corn borer, Naval orangeworm, Io moth, Orangestriped oakworm, Ello moth, Hornworm, Achemon sphinx, Western avocado leafroller, Fruittree leafroller, Orange tortrix, Tortrix moth, Redbanded leafroller, Spruce budworm, Jack pine budworm, Obliquebanded leafroller, Omnivorous leaftier, Variegated leafroller, Omnivorous leafroller, Blueberry leafroller, Filbert leafroller, Tufted apple bud moth, Blackheaded budworm, Cherry fruitworm, Codling moth, Filbert worm, Buckmoth, Grapeleaf skeletonizer, Diamondback moth, Mimosa webworm

OECD registration

Canada, USA, unspecified countries

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA

More information

http://www.valentbiosciences.com//public_health_and_forestry/public_health_and_forestry_11.asp

Gnatrol

Bacillus thuringiensis subsp. israelensis serotype H-14 strain HD-14

Insecticide

Bacterium

Label crops

Ornamental and nursery plantings in greenhouse or potting soil mixtures, Vegetable plants (Tomato, Leafy cole crops, Cucumber, Pepper, Eggplant)

Target pests

Fungus gnat

OECD registration

Canada, USA, unspecified countries

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA

More information

http://www.kellysolutions.com/WA/showproductinfo.asp?Product_Name=GNATROL+DG+BIOLOGICAL+LARVICIDE&EPA_Id=73049-56

Gnatrol DG

Bacillus thuringiensis subsp. israelensis strain AM 65-52

Insecticide

Bacterium

Label crops

Agaricus bisporus mushroom

Target pests

Mushroom fly (Sciaridae)

OECD registration

Canada, USA, unspecified countries

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA

More information

<http://www.greenfire.net/hot/P032.html>

Green Light Bt Worm Killer

Bacillus thuringiensis subsp. kurstaki SA-11

Insecticide

Bacterium

Label crops

Grape, Orange, Melon, Tomato, Broccoli, Cabbage, Cauliflower, Collard, Kale, Lettuce, Mustard greens, Turnip, Celery, Ornamental herbaceous plants, Ornamental shade trees

Target pests

Fall webworm, California oakworm, Fall cankerworm, Spring cankerworm, Tent caterpillar, Cabbage looper, Redhumped caterpillar, Orangedog, Imported cabbageworm, Bagworm, Grape leafroller, Tomato hornworm, Fruittree leafroller, Omnivorous leaftier

OECD registration

USA

Manufacturer

Green Light Company

Manufacturer location

USA

More information

http://www.greenlightco.com/products/_LiquidInsecticides.htm

Green Light Dipel Dust

Bacillus thuringiensis subsp. kurstaki SA-11

Insecticide

Bacterium

Label crops

Bushberry, Small fruit, Caneberry, Grape, Melon, Cucumber, Squash, Eggplant, Pepper, Tomato, Broccoli, Cabbage, Cauliflower, Collard, Lettuce, Spinach, Turnip, Bean, Celery, Pea, Ornamental flowering plants, Ornamental plants, Ornamental lawns

Target pests

Rindworm complex, Webworm, Looper, Saltmarsh caterpillar, Oleander caterpillar, Omnivorous looper, Tobacco budworm, Tomato fruitworm, Variegated cutworm, Green cloverworm, Armyworm, Imported cabbageworm, Sod webworm, Grape leafroller, Melonworm, Hornworm, Achemon sphinx, Omnivorous leafroller, Grapeleaf skeletonizer, Diamondback moth

OECD registration

USA

Manufacturer

Green Light Company

Manufacturer location

USA

More information

http://www.greenlightco.com/products/_dusts.htm

Hi-Yield Dipel Dust

Bacillus thuringiensis subsp. kurstaki lepidopteran active toxins

Insecticide

Bacterium

Label crops

Broccoli, Cabbage, Cauliflower, Collard, Kale, Mustard greens, Turnip, Celery, Lettuce, Melon, Potato, Spinach, Tomato, Cucumber, Tobacco

Target pests

Lepidopterous species

OECD registration

USA

Manufacturer

Voluntary Purchasing Group Inc.

Manufacturer location

USA

More information

http://www.fertilome.com/Labels/HiYield/Dry_Insecticides/HY%20Dipel%20Dust%20Label.pdf

Javelin WG

Bacillus thuringiensis subsp. kurstaki SA-11

Insecticide

Bacterium

Label crops

Caneberry, Blueberry, Currant, Grape, Strawberry, Citrus, Almond, Filbert, Pecan, Walnut, Apple, Pear, Apricot, Cherry, Nectarine, Peach, Plum, Prune, Banana, Persimmon, Pomegranate, Kiwi, Basil, Cilantro, Dill, Hops, Oregano, Thyme, Cantaloupe, Crenshaw melon, Honeydew melon, Muskmelon, Watermelon, Cucumber, Pumpkin, Squash, Squash (summer, winter), Eggplant, Pepper, Tomato, Beet greens, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Chinese cabbage, Kale, Kohlrabi, Dandelion, Endive (escarole), Artichoke, Lettuce, Mustard greens, Parsley, Spinach, Swiss chard, Turnip greens, Watercress, Lettuce (head, buttercrunch, romaine, leaf), Cardoon, Broccoli raab, Chinese broccoli (gai lon), Chinese greens, Carrot, Celeriac, Garlic, Leek, Onion (green, bulb, dry), Parsnip, Potato, Radish, Rutabaga, Salsify, Sweet potato, Turnip roots, Yam, Bean, Corn (pop, sweet, seed crop, field), Pea (dry), Garbanzo pea (chick pea), Lentil, Mung bean, Okra, Asparagus, Sudangrass, Alfalfa, Stored grain, Rice, Small grains, Tobacco, Safflower, Canola, Jojoba, Avocado, Beet, Celery, Cotton, Horseradish, Mint, Peanut, Pea, Sorghum, Sugar beet, Sunflower, Soybean, Stored soybean, Forage crops, Ornamental flowering plants, Evening primrose, Ornamental plants, Ornamental turf, Ornamental grasses, Rose, Ornamental shade trees

Target pests

Mexican leafroller, Rindworm complex, Looper, Saltmarsh caterpillar, Fall webworm, California oak moth, Peach twig borer, Tomato pinworm, Fall cankerworm, Elm spanworm, Spring cankerworm, Blueberry spanworm, Banana skipper, Tent caterpillar, Douglas-fir tussock moth, Western tussock moth, Gypsy moth, Cotton leaf perforator, Cutworm, Cotton leafworm, Spotted cutworm, Velvetbean caterpillar, Tobacco budworm, Bollworm, Green fruitworm, Bertha armyworm, Green cloverworm, Roughskinned cutworm, Armyworm, Citrus cutworm, Heliothis, Helicoverpa spp, Redhumped caterpillar, Orangedog, Alfalfa caterpillar, Imported cabbageworm, Bagworm, Artichoke plume moth, Sod webworm, Pecan nut casebearer, Almond moth, Grape leaffolder, Southwestern corn borer, European corn borer, Naval orangeworm, Indian meal moth, Tropical sod webworm, Hornworm, Tobacco hornworm, Fruittree leafroller, Orange tortrix, Redbanded leafroller, Spruce budworm, Jack pine budworm, Obliquebanded leafroller, Omnivorous leaf-tier, Pandemis leafroller, Variegated leafroller, Omnivorous leafroller, Blueberry leafroller, Tufted apple bud moth, Oriental fruit moth, Cherry fruitworm, Codling moth, Filbert webworm, Grapeleaf skeletonizer, Diamondback moth, Mimosa webworm

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

<http://www.certisusa.com/labels/pdf/javelinwg.html>

Lepinox G

Bacillus thuringiensis subsp. kurstaki genetically engineered strain EG7826 toxin

Insecticide

Bacterium

Label crops

Corn (pop, sweet, field)

Target pests

Corn earworm, Fall armyworm, European corn borer

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07005100088&DIST_NR=070051

Insecticide

Bacterium

Label crops

Blackberry, Boysenberry, Loganberry, Raspberry, Blueberry, Cranberry, Currant, Grape, Strawberry, Citrus, Almond, Chestnut, Filbert, Pecan, Walnut, Pistachio nut, Apple, Pear, Quince, Apricot, Cherry, Nectarine, Peach, Plum, Prune, Tropical fruits, Banana, Persimmon, Pineapple, Pomegranate, Kiwi, Basil, Cilantro, Dill, Hops, Oregano, Thyme, Cucurbit, Melon, Cantaloupe, Crenshaw melon, Honeydew melon, Muskmelon, Watermelon, Cucumber, Pumpkin, Squash, Eggplant, Pepper, Tomato, Beet greens, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Chinese cabbage, Kale, Kohlrabi, Dandelion, Endive (escarole), Artichoke, Mustard greens, Parsley, Spinach, Swiss chard, Lettuce (head, romaine, leaf), Cardoon, Yautia (malanga), Arrugula, Carrot, Celeriac, Chive, Garlic, Leek, Onion, Parsnip, Potato, Radish, Rutabaga, Salsify, Shallot, Sweet potato, Chicory, Chick pea, Lentil, Okra, Asparagus, Onion (green), Pastures (grass, hay, silage), Alfalfa, Soybean (forage), Barley, Oat, Rice, Rye, Wheat, Tobacco, Meadowfoam, Safflower, Canola, Jojoba, Avocado, Bean, Beet, Celery, Corn (seed crop), Cotton, Horseradish, Peppermint, Peanut, Pea, Sorghum, Sugar beet, Sunflower, Turnip, Soybean, Vegetable crops, Rapeseed, Forest trees, Ornamental flowering plants, Evening primrose, Ornamental plants, Ornamental turf

Target pests

Leafroller, Head moth, Cabbage budworm, Rindworm complex, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, Thecla thecla basilides, Gummosis, Oleander moth, California oakworm, Peach twig borer, Tomato pinworm, Spanworm, Fall cankerworm, Elm spanworm, Spring cankerworm, Omnivorous looper, Banana skipper, European skipper, Tent caterpillar, Eastern tent caterpillar, Western tent caterpillar, Saddleback caterpillar, Douglas-fir tussock moth, Western tussock moth, Browntail moth, Gypsy moth, Cotton leaf perforator, Spotted cutworm, Velvetbean caterpillar, Alfalfa looper, Florida fern caterpillar, Tobacco budworm, Sorghum headworm, Podworm, Bollworm, Corn earworm, Tomato fruitworm, Green fruitworm, Green cloverworm, Roughskinned cutworm, Armyworm, Soybean looper, Beet armyworm, Fall armyworm, Yellowstriped armyworm, Cabbage looper, False armyworm, Citrus cutworm, Walnut caterpillar, Azalea moth, Saddled prominent, Redhumped caterpillar, Orangedog, Banded sunflower moth, Alfalfa caterpillar, Pine butterfly, Imported cabbageworm, Bagworm, Artichoke plume moth, Sod webworm, Pecan nut casebearer, Cranberry girdler, Grape leaf folder, Melonworm, Pickleworm, Southwestern corn borer, Cross striped cabbage worm, Cabbage webworm, Sunflower moth, European corn borer, Naval orangeworm, Celery leaf tier, Tropical sod webworm, Io moth, Greenstriped mapleworm, Eilo moth, Hornworm, Achemon sphinx, Tomato hornworm, Tobacco hornworm, Fruittree leafroller, Orange tortrix, Tortrix moth, Redbanded leafroller, Spruce budworm, Jack pine budworm, Obliquebanded leafroller, Omnivorous leaf tier, Pandemis leafroller, Variegated leafroller, Omnivorous leafroller, Blueberry leafroller, Garden tortrix, Filbert leafroller, Tufted apple bud moth, Blackheaded budworm, Oriental fruit moth, Cherry fruitworm, Hickory shuckworm, Filbert webworm, Grape berry moth, Blackheaded fireworm, Grapeleaf skeletonizer, Diamondback moth, Mimosa webworm

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

<http://www.certisusa.com/labels/pdf/lepinox.html>

Lepinox XL WDG

Bacillus thuringiensis subsp. kurstaki genetically engineered strain EG7826 toxin

Insecticide

Bacterium

Label crops

Grape, Citrus, Almond, Chestnut, Filbert, Pecan, Walnut, Pistachio nut, Apple, Pear, Quince, Apricot, Cherry, Nectarine, Peach, Plum, Prune, Cucurbit, Melon, Cantaloupe, Crenshaw melon, Honeydew melon, Muskmelon, Watermelon, Cucumber, Pumpkin, Squash, Tomato, Parsley, Spinach, Leek, Corn (pop, sweet, seed crop, field), Chick pea, Lentil, Okra, Asparagus, Grass (silage), Pastures (grass, hay), Alfalfa, Barley, Oat, Rye, Wheat, Tobacco, Bean, Beet, Celery, Cotton, Peanut, Pea, Sorghum, Sugar beet, Soybean, Ornamental turf

Target pests

Rindworm complex, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, Peach twig borer, Rednecked peanutworm, Fall cankerworm, Spring cankerworm, European skipper, Eastern tent caterpillar, Western tent caterpillar, Gypsy moth, Cotton leaf perforator, Velvetbean caterpillar, Tobacco budworm, Sorghum headworm, Podworm, Bollworm, Corn earworm, Green fruitworm, Green cloverworm, Roughskinned cutworm, Armyworm, Soybean looper, Beet armyworm, Fall armyworm, Fall armyworm, Yellowstriped armyworm, Cabbage looper, Citrus cutworm, Walnut caterpillar, Redhumped caterpillar, Orangedog, Alfalfa caterpillar, Sod webworm, Pecan nut casebearer, Grape leaffolder, Melonworm, Pickleworm, Southwestern corn borer, European corn borer, Naval orangeworm, Tropical sod webworm, Tobacco hornworm, Western avocado leafroller, Fruittree leafroller, Orange tortrix, Redbanded leafroller, Obliquebanded leafroller, Pandemis leafroller, Variegated leafroller, Omnivorous leafroller, Garden tortrix, Filbert leafroller, Tufted apple bud moth, Oriental fruit moth, Cherry fruitworm, Hickory shuckworm, Filbert webworm, Grape berry moth, Grapeleaf skeletonizer

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07005100092&DIST_NR=070051

Milkyspore

Bacillus popilliae

Insecticide

Bacterium

Label crops

Ornamental flowering plants, Ornamental lawns, Domestic dwellings

Target pests

Japanese beetle

OECD registration

USA. Registration pending in UK

Manufacturer

St. Gabrielle Laboratories

Manufacturer location

USA

More information

www.milkyspore.com/milkyspore.htm

Novodor

Bacillus thuringiensis subsp. tenebrionis

Insecticide

Bacterium

Label crops

Eggplant, Tomato, Potato, Ornamental plants, Ornamental shade trees

Target pests

Colorado potato beetle, Elm leaf beetle

OECD registration

Canada, USA, unspecified countries

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA

More information

<http://www.cppress.com/docs/LABEL/L39437.PDF>

Prolong WP

Bacillus thuringiensis subsp. kurstaki strain BMP 123

Insecticide

Bacterium

Label crops

Berry plantings, Small fruit, Grape, Citrus, Nut tree, Pome fruit, Stone fruit, Tropical fruit, Banana, Mango, Papaya, Pawpaw, Persimmon, Pomegranate, Kiwi, Hops, Cucurbit, Melon, Cucumber, Squash, Fruiting vegetables, Leafy vegetables, Cole crops, Artichoke, Leafy amaranth, Root crop vegetables, Root crops, Lentil, Okra, Grass, Cereal crops, Tobacco, Safflower, Rapeseed, Canola, Jojoba, Avocado, Cotton, Mint, Peanut, Sunflower, Legume, Pasture, Rangeland, Forest trees, Ornamental plants, Ornamental flowering plants, Ornamental turf, Ornamental woody shrubs, Ornamental shade trees, Sugar maple

Target pests

Leafroller, Rindworm complex, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, Oleander moth, California oakworm, Peach twig borer, Cankerworm, Fall cankerworm, Elm spanworm, Spring cankerworm, Omnivorous looper, Banana skipper, Essex/European skipper, Tent caterpillar, Eastern tent caterpillar, Forest tent caterpillar, Saddleback caterpillar, Douglas-fir tussock moth, Western tussock moth, Browntail moth, Gypsy moth, Cotton leaf perforator, Cutworm, Cotton leafworm, Spotted cutworm, Velvetbean caterpillar, Tobacco budworm, Podworm, Cotton bollworm, Corn earworm, Tomato fruitworm, Green fruitworm, Green cloverworm, Armyworm, Citrus cutworm, Heliothis, Walnut caterpillar, Azalea caterpillar, Saddled prominent, Redhumped caterpillar, Orangedog, Alfalfa caterpillar, Pine butterfly, Imported cabbageworm, Bagworm, Sod webworm, Grape leafroller, Grape leaf folder, Melonworm, Pickleworm, lo moth, Range caterpillar, Ello moth, Hornworm, Achemon sphinx, Western avocado leafroller, Fruittree leafroller, Orange tortrix, Redbanded leafroller, Spruce budworm, Jack pine budworm, Obliquebanded leafroller, Variegated leafroller, Omnivorous leafroller, Blueberry leafroller, Filbert leafroller, Tufted apple bud moth, Blackheaded budworm, Cherry fruitworm, Filbert webworm, Grape berry moth, Grapeleaf skeletonizer, Diamondback moth, Mimosa webworm

OECD registration

Korea, USA. Registration pending in Greece.

Manufacturer

Green Biotech Company Ltd.

Manufacturer location

Korea

More information

<http://my.ecplaza.net/greenbiotech/3.asp>

Raven

Bacillus thuringiensis subsp. kurstaki strain EG7673 toxin

Insecticide

Bacterium

Label crops

All beans, Green bean, Lima bean, Snap bean, Eggplant, Irish/White potato, Soybean, Tomato, Forest land, Poplar, Nursery trees, Shade trees

Target pests

Colorado potato beetle, Cottonwood leaf beetle, Elm leaf beetle, Imported Willow leaf beetle, Mexican bean beetle

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

<http://www.certisusa.com/labels/summary/raven.html>

Safer Bt Caterpillar Killer

Bacillus thuringiensis subsp. kurstaki SA-11

Insecticide

Bacterium

Label crops

Tomato, Cole crops, Lettuce, Spinach, Avocado, Celery, Peanut, Pea, Vegetable crops, Ornamental woody shrubs, Ornamental trees

Target pests

Cabbageworm, Webworm, Fall cankerworm, Spring cankerworm, Tent caterpillar, Gypsy moth, Cabbage looper, Bagworm, Tomato hornworm, Budworm

OECD registration

Canada, USA

Manufacturer

Woodstream Corp.

Manufacturer location

USA

More information

http://www.woodstreamcorp.com/sales/sales2/catalogs/safer_concern_pf_allpages.pdf

Scutello L

Bacillus thuringiensis subsp. kurstaki

Insecticide

Bacterium

Label crops

Apple, Pear, Eggplant, Gherkin, Courgette, Cucumber, Melon, Pepper (sweet), Tomato, Red Cabbage, Savoy cabbage, Oxheart cabbage, Sprout, Cauliflower, Broccoli, Chinese cabbage, Ornamental flower crops

Target pests

Butterfly and moth caterpillars (Small winter moth (*Operophtera brumata*), Lackey moth (*Malacosoma neustria*), Fruit moth - apple moth (*Cydia pomonella*), Small ermine moth (*Yponomeuta* spp.), Spring Noctuidae (*Noctuidae*), White butterfly (*Pieris* spp.), White satin (*Leucoma salicis*))

OECD registration

Netherlands, France, Belgium

Manufacturer

BioBest Biological Systems

Manufacturer location

Belgium

More information

<http://207.5.71.37/biobest/en/producten/biopesticiden/bacillus.htm>

Scutello WP

Bacillus thuringiensis subsp. kurstaki

Insecticide

Bacterium

Label crops

Apple, Pear, Eggplant, Gherkin, Courgette, Cucumber, Melon, Pepper (sweet), Tomato, Red Cabbage, Savoy cabbage, Oxheart cabbage, Sprout, Cauliflower, Broccoli, Chinese cabbage, Ornamental flower crops

Target pests

Butterfly and moth caterpillars (Small winter moth (*Operophtera brumata*), Lackey moth (*Malacosoma neustria*), Fruit moth - apple moth (*Cydia pomonella*), Small ermine moth (*Yponomeuta* spp.), Spring Noctuidae, White butterfly (*Pieris* spp.), White satin (*Leucoma salicis*))

OECD registration

Belgium, France, Netherlands

Manufacturer

BioBest Biological Systems

Manufacturer location

Belgium

More information

<http://207.5.71.37/biobest/en/producten/biopesticiden/bacillus.htm>

Scutello 2x

Bacillus thuringiensis subsp. kurstaki

Insecticide

Bacterium

Label crops

Apple, Pear, Eggplant, Gherkin, Courgette, Cucumber, Melon, Pepper (sweet), Tomato, Red Cabbage, Savoy cabbage, Oxheart cabbage, Sprout, Cauliflower, Broccoli, Chinese cabbage, Ornamental flower crops

Target pests

Butterfly and moth caterpillars (Small winter moth (*Operophtera brumata*), Lackey moth (*Malacosoma neustria*), Fruit moth - apple moth (*Cydia pomonella*), Small ermine moth (*Yponomeuta* spp.), Spring Noctuidae (*Noctuidae*), White butterfly (*Pieris* spp.), White satin (*Leucoma salicis*))

OECD registration

Belgium, France

Manufacturer

BioBest Biological Systems

Manufacturer location

Belgium

More information

<http://207.5.71.37/biobest/en/producten/biopesticiden/bacillus.htm>

Solbit #8

Bacillus thuringiensis subsp. aizawai

Insecticide

Bacterium

Label crops

Cabbage

Target pests

Lepidopteran larvae, Cabbage armyworm, Diamondback moth

OECD registration

Korea

Manufacturer

Green Biotech Company Ltd.

Manufacturer location

Korea

More information

<http://my.ecplaza.net/greenbiotech/profile.asp>

Solbit Chae

Bacillus thuringiensis subsp. aizawai

Insecticide

Bacterium

Label crops

Cabbage

Target pests

Lepidopteran larvae, Cabbage armyworm, Diamondback moth

OECD registration

Korea

Manufacturer

Green Biotech Company Ltd.

Manufacturer location

Korea

More information

<http://my.ecplaza.net/greenbiotech/profile.asp>

Targa WP

Bacillus thuringiensis subsp. kurstaki strain BMP 123

Insecticide

Bacterium

Label crops

Berry plantings, Small fruit, Grape, Citrus, Nut trees, Pome fruit, Stone fruit, Tropical fruit, Banana, Mango, Papaya, Pawpaw, Persimmon, Pomegranate, Kiwi, Hops, Cucurbit, Melon, Cucumber, Squash, Fruiting vegetables, Leafy vegetables, Cole crops, Artichokes, Leafy amaranth, Root crop vegetables, Root crops, Lentil, Okra, Grasses, Cereal crops, Tobacco, Safflower, Rapeseed, Canola, Jojoba, Avocado, Cotton, Mint, Peanut, Sunflower, Legumes, Pasture, Rangeland, Forest trees, Ornamental plants, Ornamental flowering plants, Ornamental turf, Ornamental woody shrubs, Ornamental shade trees, Sugar maple

Target pests

Leafroller, Rindworm complex, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, Oleander moth, California oakworm, Peach twig borer, Cankerworm, Fall cankerworm, Elm spanworm, Spring cankerworm, Omnivorous looper, Banana skipper, European skipper, Tent caterpillar, Eastern tent caterpillar, Forest tent caterpillar, Saddleback caterpillar, Douglas-fir tussock moth, Western tussock moth, Browntail moth, Gypsy moth, Cotton leaf perforator, Cutworm, Cotton leafworm, Spotted cutworm, Velvetbean caterpillar, Tobacco budworm, Podworm, Cotton bollworm, Corn earworm, Tomato fruitworm, Green fruitworm, Green cloverworm, Armyworm, Citrus cutworm, Heliothis caterpillar, Walnut caterpillar, Azalea caterpillar, Saddled prominent, Redhumped caterpillar, Orangedog, Alfalfa caterpillar, Pine butterfly, Imported cabbageworm, Bagworm, Sod webworm, Grape leafroller, Melonworm, Pickleworm, Io moth, Range caterpillar, Ello moth, Hornworm, Achemon sphinx, Western avocado leafroller, Fruittree leafroller, Orange tortrix, Redbanded leafroller, Spruce budworm, Jack pine budworm, Obliquebanded leafroller, Variegated leafroller, Omnivorous leafroller, Blueberry leafroller, Filbert leafroller, Tufted apple bud moth, Blackheaded budworm, Cherry fruitworm, Filbert webworm, Grape berry moth, Grapeleaf skeletonizer, Diamondback moth, Mimosa webworm

OECD registration

USA

Manufacturer

Green Biotech Company Ltd.

Manufacturer location

Korea

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07416000001&DIST_NR=074160

Teknar HP-D

Bacillus thuringiensis subsp. israelensis serotype H-14 strain SA3A

Insecticide

Bacterium

Label crops

Rice fields, Pastures, Ditches, Ponds, Catch basins, Polluted water, Flood water, Salt marshes, Tidal water

Target pests

Mosquito, Blackfly

OECD registration

Canada, USA, unspecified countries

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA, Canada, unspecified countries

More information

http://www.valentbiosciences.com//public_health_and_forestry/public_health_and_forestry_11.asp

Thuricide 48 LV

Bacillus thuringiensis subsp. kurstaki SA-11

Insecticide

Bacterium

Label crops

Blueberry, Cranberry, Grape, Strawberry, Almond, Filbert, Pecan, Walnut, Pistachio nut, Apple, Pear, Cherry, Nectarine, Peach, Plum, Prune, Pomegranate, Hops, Cucurbit, Melon, Pepper, Tomato, Cabbage, Chinese cabbage, Carrot, Potato, Corn, Lentil, Alfalfa, Tobacco, Bean, Cotton, Peanut, Pea, Sugar beet, Soybean, Hay, Forage crops, Forest trees, Ornamental shade trees, Ornamental trees

Target pests

Leafroller, Fireworm, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, California oak moth, Peach twig borer, Spanworm, Cankerworm, Fall cankerworm, Elm spanworm, Eastern hemlock looper, Spring cankerworm, Essex/European skipper, Tent caterpillar, Douglas-fir tussock moth, Western tussock moth, Gypsy moth, Cutworm, Black cutworm, Velvetbean caterpillar, Cranberry blossomworm, Tobacco budworm, Podworm, Cotton bollworm, Green cloverworm, Armyworm, Soybean looper, Cabbage looper, Walnut caterpillar, Redhumped caterpillar, Alfalfa caterpillar, Pine butterfly, Bagworm, Pecan nut casebearer, Southwestern corn borer, European corn borer, Naval orangeworm, Hornworm, Tomato hornworm, Fruittree leafroller, Spruce budworm, Jack pine budworm, Cranberry fruitworm, Sparganothis fruitworm, Tufted apple bud moth, Oriental fruit moth, Codling moth, Diamondback moth, Mimosa webworm, Budworm

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07005100057&DIST_NR=070051

Thuricide HPC

Bacillus thuringiensis subsp. kurstaki SA-11

Insecticide

Bacterium

Label crops

Blackberry, Raspberry, Blueberry, Grape, Strawberry, Orange, Almond, Filbert, Pecan, Walnut, Apple, Pear, Cherry, Nectarine, Peach, Melon, Watermelon, Cucumber, Squash, Eggplant, Pepper, Tomato, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Kale, Kohlrabi, Endive, Lettuce, Mustard greens, Parsley, Spinach, Chard, Turnip, Carrot, Garlic, Onion, Potato, Radish, Lentil, Tobacco, Bean, Beet, Celery, Ornamental flowering plants, Ornamental plants, Ornamental woody shrubs, Ornamental trees

Target pests

Cabbageworm, Rindworm complex, Fall webworm, Oleander caterpillar, Oak moth, Tent caterpillar, Gypsy moth, Tobacco budworm, Tomato fruitworm, Cabbage looper, Orangedog, Imported cabbageworm, Grape leaffolder, Tomato hornworm, Tobacco hornworm, Fruittree leafroller, Variegated leafroller, Omnivorous leafroller, Filbert leafroller, Tufted apple bud moth, Diamondback moth

OECD registration

USA

Manufacturer

Southern Agricultural Insecticides Inc.

Manufacturer location

USA

More information

<http://www.southernag.com/PDF%20Files/Thur.pdf>

Thuricide-HPC

Bacillus thuringiensis subsp. kurstaki SA-11

Insecticide

Bacterium

Label crops

Blackberry, Dewberry, Raspberry, Blueberry, Currant, Grape, Strawberry, Orange, Almond, Filbert, Pecan, Walnut, Apple, Pear, Cherry, Nectarine, Peach, Banana, Kiwi, Melon, Watermelon, Cucumber, Squash, Eggplant, Pepper, Tomato, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Chinese cabbage, Kale, Kohlrabi, Endive (escarole), Lettuce, Mustard greens, Parsley, Spinach, Chard, Turnip, Carrot, Garlic, Onion, Potato, Radish, Lentil, Alfalfa, Grain, Stored grain, Tobacco, Avocado, Bean, Beet, Celery, Cotton, Mint, Peanut, Sugar beet, Soybean, Stored soybean, Forest trees, Ornamental plants, Ornamental trees, Sugar maple, Grain bins (full)

Target pests

Rindworm complex, Fall webworm, Oak moth, Fall cankerworm, Spring cankerworm, Omnivorous looper, Banana skipper, Tent caterpillar, Gypsy moth, Velvetbean caterpillar, Tobacco budworm, Podworm, Cotton bollworm, Tomato fruitworm, Green cloverworm, Roughskinned cutworm, Soybean looper, Cabbage looper, Citrus cutworm, Redhumped caterpillar, Orangedog, Alfalfa caterpillar, Imported cabbageworm, Almond moth, Grape leafroller, Indian meal moth, Tomato hornworm, Tobacco hornworm, Western avocado leafroller, Fruittree leafroller, Orange tortrix, Redbanded leafroller, Variegated leafroller, Omnivorous leafroller, Filbert leafroller, Tufted apple bud moth, Diamondback moth

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07005100052&DIST_NR=070051

Turex

Bacillus thuringiensis subsp. aizawai

Insecticide

Bacterium

Label crops

Aubergine, Pickle, Eggplant, Cucumber, Melon, Pepper, Tomato, Cauliflower, Broccoli, Chinese cabbage, Red cabbage, White cabbage, Brussels sprout, Kale, Ornamental flowering crops, Forest, Park

Target pests

Lepidopteran larvae, Turkish moth (*Chrysodeixis chalcites*), Cabbage moth (*Plutella Xylostella*), Late cabbage moth (*Evergestis forvicalis*), Small white cabbage moth (*Pieris* spp.), Mamestra brassicae, Plusia spp.

OECD registration

Netherlands

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

http://www.valentbiosciences.com/public_health_and_forestry/public_health_and_forestry_11.asp

VectoBac 1200L

Bacillus thuringiensis subsp. israelensis serotype H-14 strain HD-14

Insecticide

Bacterium

Label crops

Pools in pastures and woodlots, Irrigation ditches, Roadside ditches, Natural marshes, Estuarine areas, Catch basins, Sewage lagoons

Target pests

Mosquito, Black fly (streams only)

OECD registration

Canada, USA, unspecified countries

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA

More information

http://www.valentbiosciences.com//public_health_and_forestry/public_health_and_forestry_11.asp

VectoBac 12AS

Bacillus thuringiensis subsp. israelensis serotype H-14 strain HD-14

Insecticide

Bacterium

Label crops

Grape, Almond, Walnut, Peach, Date, Asparagus, Alfalfa, Rice, Corn, Cotton, Pasture, Roadside ditches, Irrigation ditches, Irrigation supply systems, Waste water systems, Sewage settling ponds, Sewage systems, Lakes, Ponds, Streams, Catch basins, Polluted water, Flood water, Pools, Snow melt pools, Storm water retention areas, Salt marshes, Tidal water margins

Target pests

Fly, Aquatic midge, Mosquito, Black fly

OECD registration

Canada, USA, unspecified countries

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07304900038&DIST_NR=073049

VectoBac 200G

Bacillus thuringiensis subsp. israelensis serotype H-14 strain HD-14

Insecticide

Bacterium

Label crops

Standing water, Temporary and permanent pools in pastures and woodlots, Irrigation/roadside ditches, Natural marshes, Estuarine areas, Catch basins, Sewage lagoons

Target pests

Mosquito

OECD registration

Canada, USA, unspecified countries

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA

More information

<http://healthweb.nashville.gov/vector/VECGm.pdf>

VectoBac CG

Bacillus thuringiensis subsp. israelensis serotype H-14 strain HD-14

Insecticide

Bacterium

Label crops

Rice field, Pasture, Animal waste material, Roadside ditches, Irrigation ditches, Sewage systems, Ponds, Catch basins, Polluted water, Flood water, Pools, Snow melt pools, Storm water retention areas, Salt marshes, Tidal water margins

Target pests

Mosquito

OECD registration

Canada, USA, unspecified countries

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA

More information

http://www.valentbiosciences.com//public_health_and_forestry/public_health_and_forestry_11.asp

VectoBac G

Bacillus thuringiensis subsp. israelensis serotype H-14 strain HD-14

Insecticide

Bacterium

Label crops

Grape, Almond, Walnut, Peach, Date, Asparagus, Alfalfa, Rice, Corn, Cotton, Pasture, Roadside ditches, Irrigation ditches, Irrigation supply systems, Waste water systems, Sewage settling ponds, Sewage systems, Lakes, Ponds, Streams, Catch basins, Polluted water, Flood water, Pools, Snow melt pools, Storm water retention areas, Salt marshes, Tidal water margins

Target pests

Mosquito

OECD registration

Canada, USA, unspecified countries

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07304900010&DIST_NR=073049

Worm Whipper Bt

Bacillus thuringiensis subsp. kurstaki SA-11

Insecticide

Bacterium

Label crops

Broccoli, Cabbage, Cauliflower, Collard, Kale, Mustard, Turnip

Target pests

Cabbage looper

OECD registration

USA (North Carolina, South Carolina, Virginia)

Manufacturer

Cape Fear Chemicals Inc.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=00334200095&DIST_NR=003342

Xentari AS

Bacillus thuringiensis subsp. aizawai

Insecticide

Bacterium

Label crops

Berry plantings, Small fruit, Blackberry, Grape, Strawberry, Citrus, Nut trees, Almond, Filbert, Pecan, Walnut, Pome fruit, Apple, Pear, Stone fruit, Cherry, Nectarine, Peach, Plum, Prune, Tropical fruit, Banana, Pineapple, Pomegranate, Kiwi, Spices, Basil, Dill, Hops, Cucurbits, Melon, Cucumber, Squash, Fruiting vegetables, Eggplant, Pepper, Tomato, Leafy vegetables, Greens (brassica spp.), Cole crops, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Chinese cabbage, Kale, Kohlrabi, Endive, Mustard greens, Parsley, Spinach, Lettuce, Root crop vegetables, Carrot, Chive, Garlic, Leek, Potato, Corn, Lentil, Asparagus, Onion, Alfalfa, Small grains, Tobacco, Safflower, Sunflower, Rapeseed, Avocado, Bean, Beet, Celery, Cotton, Mint, Peppermint, Peanut, Pea, Sorghum, Sugar beet, Soybean, Legumes, Hay, Forage crops, Herbs, Forest trees, Ornamental herbaceous bedding plants, Ornamental flowering plants, Malanga, Ornamental plants, Ornamental turf, Ornamental shade trees, Sugar maple

Target pests

Leafroller, Head moth, Rindworm complex, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, Thecla thecla basilides, Batrachedra spp., Gummosis, Oleander moth, California oakworm, Spanworm, Cankerworm, Fall cankerworm, Elm spanworm, Hemlock looper, Spring cankerworm, Omnivorous looper, Banana skipper, Essex/European skipper, Tent caterpillar, Saddleback caterpillar, Douglas-fir tussock moth, Western tussock moth, Gypsy moth, Cutworm, Velvetbean caterpillar, Tobacco budworm, Podworm, Cotton bollworm, Tomato fruitworm, Variegated cutworm, Green cloverworm, Armyworm, Soybean looper, Citrus cutworm, Heliothis, Walnut caterpillar, Azalea caterpillar, Saddled prominent, Redhumped caterpillar, Orangedog, Alfalfa caterpillar, Pine butterfly, Imported cabbageworm, Bagworm, Sod webworm, Grape leafroller, Melonworm, Cross striped cabbage worm, European corn borer, Io moth, Greenstriped mapleworm, Hornworm, Western avocado leafroller, Fruittree leafroller, Orange tortrix, Redbanded leafroller, Spruce budworm, Jack pine budworm, Obliquebanded leafroller, Omnivorous leaftier, Variegated leafroller, Omnivorous leafroller, Filbert leafroller, Tufted apple bud moth, Blackheaded budworm, Oriental fruit moth, Codling moth, Grape berry moth, Grapeleaf skeletonizer, Diamondback moth, Mimosa webworm, Twig borer

OECD registration

USA, unspecified countries

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA

More information

http://www.valentbiosciences.com/agricultural_products/agricultural_products_6.asp

Xentari DF

Bacillus thuringiensis subsp. aizawai

Insecticide

Bacterium

Label crops

Small fruit, Blackberry, Cranberry, Grape, Strawberry, Citrus, Nut trees, Almond, Filbert, Pecan, Walnut, Pome fruit, Apple, Pear, Stone fruit, Cherry, Nectarine, Peach, Plum, Prune, Tropical fruit, Banana, Pineapple, Pomegranate, Kiwi, Spices, Basil, Dill, Hops, Cucurbit, Melon, Cucumber, Squash, Fruiting vegetables, Eggplant, Pepper, Tomato, Leafy vegetables, Cole crops, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Chinese cabbage, Kale, Kohlrabi, Endive, Mustard greens, Parsley, Spinach, Lettuce, Yautia, Root crop vegetables, Root crops, Carrot, Chive, Garlic, Leek, Onion, Potato, Corn, Alfalfa, Tobacco, Safflower, Canola, Avocado, Bean, Beet, Celery, Cotton, Mint, Peppermint, Peanut, Pea, Sorghum, Sugar beet, Sunflower, Soybean, Stored vegetable seed, Legumes, Forage crops, Forest trees, Ornamental flowering plants, Ornamental turf, Ornamental shade trees, Ornamental trees, Stored spices, Stored herbs, Stored condiments, Stored birdseed

Target pests

Leafroller, Head moth, Rindworm complex, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, Gummosis, Oleander moth, California oakworm, Spanworm, Cankerworm, Fall cankerworm, Elm spanworm, Hemlock looper, Spring cankerworm, Omnivorous looper, Banana skipper, Essex/European skipper, Tent caterpillar, Saddleback caterpillar, Thecla thecla basilides, Douglas-fir tussock moth, Western tussock moth, Gypsy moth, Cutworm, Velvetbean caterpillar, Tobacco budworm, Podworm, Cotton bollworm, Tomato fruitworm, Variegated cutworm, Green cloverworm, Armyworm, Soybean looper, Citrus cutworm, Heliothis, Walnut caterpillar, Azalea caterpillar, Saddled prominent, Redhumped caterpillar, Orangedog, Alfalfa caterpillar, Pine butterfly, Imported cabbageworm, Bagworm, Sod webworm, Almond moth, Grape leafroller, Melonworm, Tobacco moth, Cross striped cabbage worm, European corn borer, Indian meal moth, Io moth, Greenstriped mapleworm, Hornworm, Fruittree leafroller, Orange tortrix, Redbanded leafroller, Spruce budworm, Jack pine budworm, Obliquebanded leafroller, Variegated leafroller, Omnivorous leafroller, Filbert leafroller, Tufted apple bud moth, Blackheaded budworm, Oriental fruit moth, Codling moth, Grape berry moth, Grapeleaf skeletonizer, Diamondback moth, Mimosa webworm, Twig borer

OECD registration

USA, unspecified countries

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07304900040&DIST_NR=073049

Xentari WDG

Bacillus thuringiensis subsp. aizawai

Insecticide

Bacterium

Label crops

Berry plantings, Small fruit, Blackberry, Raspberry, Blueberry, Grape, Strawberry, Citrus, Nut trees, Almond, Filbert, Pecan, Walnut, Pome fruit, Apple, Pear, Stone fruit, Cherry, Nectarine, Peach, Plum, Prune, Tropical fruit, Banana, Pineapple, Pomegranate, Kiwi, Herbs, Spices, Basil, Dill, Hops, Cucurbit, Melon, Cucumber, Squash, Fruiting vegetables, Eggplant, Pepper, Tomato, Leafy vegetables, Greens (brassica spp.), Leafy vegetables, Beet, Cole crops, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Chinese cabbage, Kale, Kohlrabi, Endive, Artichoke, Mustard greens, Parsley, Spinach, Turnip, Lettuce, Root crops, Carrot, Chive, Garlic, Leek, Onion, Potato, Bean, Corn, Stored peanut, Pea, Lentil, Asparagus, Legumes, Alfalfa, Sugar beet, Cereal crops, Grain crops, Stored grain, Small grains, Tobacco, Safflower, Avocado, Bean, Beet, Celery, Cotton, Mint, Peppermint, Peanut, Pea, Sorghum, Sugar beet, Sunflower seed, Soybean, Fruit, Legumes, Crop seeds, Hay, Forage crops, Rapeseed, Herbs, Forest trees, Ornamental flowering plants, Ornamental flowering plants, Sunflower, Malanga, Ornamental plants, Ornamental turf, Ornamental shade trees, Ornamental trees, Sugar maple, Birdseed, Bagged grain

Target pests

Leafroller, Fly, Head moth, Moth, Rindworm, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, Thecla thecla basilides, Batrachedra spp, Gummosis, Oleander caterpillar, California oakworm, Spanworm, Cankerworm, Fall cankerworm, Elm spanworm, Hemlock looper, Spring cankerworm, Omnivorous looper, Banana skipper, Essex/European skipper, Tent caterpillar, Saddleback caterpillar, Douglas-fir tussock moth, Western tussock moth, Gypsy moth, Cutworm, Velvetbean caterpillar, Tobacco budworm, Tomato fruitworm, Cotton bollworm, Podworm, Sorghum headworm, Variegated cutworm, Green cloverworm, Armyworm, Soybean looper, Citrus cutworm, Heliothis, Walnut caterpillar, Azalea caterpillar, Saddled prominent, Redhumped caterpillar, Orangedog, Alfalfa caterpillar, Pine butterfly, Imported cabbageworm, Bagworm, Artichoke plume moth, Sod webworm, Almond moth, Grape leafroller, Melonworm, Tobacco moth, Cross-striped cabbageworm, European corn borer, Indian meal moth, lo moth, Greenstriped mapleworm, Hornworm, Ello moth, Achemon sphinx, Fruittree leafroller, Orange tortrix, Redbanded leafroller, Spruce budworm, Jack pine budworm, Obliquebanded leafroller, Variegated leafroller, Omnivorous leafroller, Filbert leafroller, Tufted apple bud moth, Blackheaded budworm, Oriental fruit moth, Codling moth, Grape berry moth, Grapeleaf skeletonizer, Diamondback moth, Mimosa webworm, Twig borer

OECD registration

USA, unspecified countries

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07304900023&DIST_NR=073049

Insecticide

Bacterium product

Label crops

Artichoke, Asparagus, Beet, Bok Choy, Broccoli, Broccoli raab, Brussels Sprout, Cabbage, Cantaloupe, Cardoni, Carrot, Cauliflower, Casabas, Celeriac, Celery, Chicory, Chinese cabbage, Collard, Crenshaw, Cucumber, Eggplant, Endive, Escarole, Garlic, Greens, Green onion, Honey ball melon, Honeydew melon, Horseradish, Kale, Kohlrabi, Leek, Lettuce, Melon, Melon hybrid, Muskmelon, Mustard greens, Napa cabbage, Okra, Onion, Parsley, Parsnip, Pepper, Persian melon, Potato, Pumpkin, Radish, Rutabaga, Salsify, Shallot, Spinach, Squash, Sugar beet, Sweet potato, Swiss chard, Tomato, Turnip, Upland cress, Watercress, Watermelon, Blackberry, Blueberry, Caneberry, Currant, Raspberry, Strawberry, Almond, Apple, Apricot, Cherry, Chestnut, Filbert, Nectarine, Pecan, Bean (Phaseolus, Lupinus, Vigna), Chick pea, Fava bean, Jackbean, Lentil, Pea, Pigeon pea, Citrus citron, Grapefruit, Kumquat, Lemon, Orange, Tangelo, Tangerine, Alfalfa (hay, seed), Barley, Buckwheat, Clover, Corn (fodder, silage, field, sweet, seed), Cowpea, Cowpea hay, Lespedeza, Lupine, Millet, Oat, Pasture and range grasses (hay, silage), Peanut hay, Pea vine hay, Rye, Small grains (hay, grazing, silage), Sorghum (hay, silage), Soybean (forage, hay), Sudan grass, Trefoil, Triticale, Velvet bean, Wheat, Arugala, Basil, Bay leaf, Camomile, Chive, Cilantro, Coriander, Dill, Fennel, Marjoram, Mint, Oregano, Peppermint, Sage, Tarragon, Thyme, Wintergreen, Carrot, Peppercorn, cotton, Hops, Jojoba, Peanut, Rice, Safflower, Sorghum, Soybean, Sunflower, Tobacco, Avocado, Banana, Date, Grape, Kiwi, Persimmon, Pomegranate, Pineapple, Bedding plants, Flowers, Ornamentals, Turf, Forest, Shade trees, Nursery trees

Target pests

Alfalfa looper, Armyworm, Artichoke plume moth, Beet armyworm, Cabbage budworm, Cabbage looper, Cabbage webworm, Celery leaf-tier, Corn earworm, Cross striped cabbageworm, Diamondback moth, European corn borer, Fall armyworm, False celery leaf-tier, Green cloverworm, Hornworm, Imported cabbage worm, Looper, Melonworm, Omnivorous leafroller, Pickleworm, Potato tuberworm, Rindworm, Saltmarsh caterpillar, Soybean looper, Tobacco budworm, Tomato budworm, Tomato pinworm, Velvetbean caterpillar, Webworm, Yellowstriped armyworm, Achema sphinx moth, Blueberry leafroller, Blueberry spanworm, Brown spanworm, Cabbage looper, Carib moth, Cherry fruitworm, Fruitree leafroller, Green fruitworm, Grape berry moth, Gypsy moth, Looper, Obliquebanded leafroller, Orange tortrix, Roughskinned cutworm, Saltmarsh caterpillar, Oriental fruit moth, Peach twig borer, Redhumped caterpillar, Speckled green fruitworm, Tent caterpillar, Tufted apple budmoth, Variegated leafroller, Walnut caterpillar, Western tussock moth, Helicoverpa spp., Podworm, Orangedog, Essex/European skipper, Banded sunflower moth, Cotton bollworm, Cotton leafworm, Cutworm, Green cloverworm, Southwestern corn borer, Spotted cutworm, Sunflower headmoth, Amorbia spp., Spanworm, Banana skipper, Carob moth, Raisin moth, Cherry fruitworm, Grape berry moth, Grape leafroller, Grape leaf skeletonizer, Green fruitworm, Western grape leaf skeletonizer, Citrus cutworm, Filbert webworm, Tent caterpillar, Gummosos-Batrachedra comosae, Thecla Thecla basilides, Azeala moth, Ello moth, Fiery skipper, Io moth, Oleander moth, Blackheaded budworm, Browntail moth, Buckmoth caterpillar, California oakworm, Cankerworm, Douglas fir tussock moth, Elm spanworm, Jack pine budworm, Momosa webworm, Pine butterfly, Saddleback caterpillar

OECD registration

Mexico, USA

Manufacturer

DowAgro Sciences

Manufacturer location

USA

More information<http://www.biol.tsukuba.ac.jp/~macer/sg/SG8.html>

MVP II

Encapsulated delta endotoxin of *Bacillus thuringiensis* subsp. *kurstaki*

Insecticide

Bacterium product

Label crops

Berry plantings, Small fruit, Caneberry, Blackberry, Boysenberry, Raspberry, Blueberry, Cranberry, Currant, Grape, Strawberry, Olallieberry, Citrus, Citron, Grapefruit, Kumquat, Lemon, Lime, Orange, Tangelo, Tangerine, Nut trees, Almond, Chestnut, Filbert, Pecan, English walnut, Pistachio nut, Pome fruit, Apple, Pear, Quince, Stone fruit, Apricot, Cherry, Nectarine, Peach, Plum, Prune, Tropical fruit, Banana, Date, Fig, Persimmon, Pineapple, Pomegranate, Kiwi, Basil, Coriander, Cilantro, Dill, Hops, Oregano, Sweet marjoram, Sweet bay, Tarragon, Thyme, Wintergreen, Camomile, Melon, Cantaloupe, Casaba melon, Crenshaw melon, Honey ball melon, Honeydew melon, Muskmelon, Persian melon, Watermelon, Cucumber, Pumpkin, Squash, Eggplant, Pepper, Tomato, Broccoli, Brussels sprout, Cabbage, Cauliflower, Collard, Chinese cabbage, Kale, Kohlrabi, Endive, Artichoke, Lettuce, Mustard greens, Parsley, Spinach, Swiss chard, Watercress, Cardoon, Upland cress, Broccoli raab, Chinese broccoli, Arrugula, Carrot, Celeriac, Chive, Garlic, Leek, Onion, Parsnip, Potato, Radish, Rutabaga, Salsify, Shallot, Sweet potato, Yam, Corn, Corn (sweet), Cowpea, Lentil, Okra, Fava bean, Jackbean, Pigeon pea, Asparagus, Grass, Small grains, Sudangrass, Alfalfa, Velvet bean, Clover, Lespedeza, Peanut, Cowpea, Pea vine, Vetch, Trefoil, Barley, Oat, Rice, Wheat, Triticale, Sugarcane, Buckwheat, Tobacco, Guar, Safflower, Canola, Avocado, Bean, Beet, Celery Cotton, Fennel, Horseradish, Mint, Peppermint, Peanut, Pea, Sorghum, Sugar beet, Turnip, Soybean, Legume, Chicory, Fruit tree, Hay, Millet, Rapeseed, Rye, Forest trees, Ornamental herbaceous plants, Ornamental flowering plants, Lupine, Sage, Sunflower, Ornamental plants, Ornamental turf, Ornamental woody shrubs, Jojoba, Black walnut

Target pests

Rindworm, Webworm, Looper, Saltmarsh caterpillar, Fall webworm, Oleander moth, Peach twig borer, Tomato pinworm, Potato tuberworm, Omnivorous looper, Brown spanworm, Blueberry spanworm, Avocado leafroller, Tent caterpillar, Gypsy moth, Cutworm, Cotton leafworm, Velvetbean caterpillar, Velvetbean caterpillar, Alfalfa looper, Tobacco budworm, Tobacco budworm, Tomato fruitworm, Podworm, Cotton bollworm, Corn earworm, Green fruitworm, Green cloverworm, Armyworm, Soybean looper, Beet armyworm, Fall armyworm, Yellowstriped armyworm, Cabbage looper, Citrus cutworm, Citrus cutworm, Heliothis, Orangedog, Alfalfa caterpillar, Pine butterfly, Imported cabbageworm, Plume moth, Artichoke plume moth, Sod webworm, Pecan nut casebearer, Raisin moth, Grape leafroller, Melonworm, Pickleworm, Southwestern corn borer, Sugarcane borer, Cross striped cabbage worm, Cabbage webworm, Sunflower moth, European corn borer, Naval orangeworm, Indian meal moth, False celery leaf-tier, Celery leaf-tier, Ello moth, Hornworm, Achemon sphinx, Fruittree leafroller, Orange tortrix, Tortrix moth, Redbanded leafroller, Jack pine budworm, Obliquebanded leafroller, Omnivorous leaf-tier, Variegated leafroller, Omnivorous leafroller, Blueberry leafroller, Garden tortrix, Filbert leafroller, Tufted apple bud moth, Blackheaded budworm, Oriental fruit moth, Cherry fruitworm, Hickory shuckworm, Codling moth, Grape berry moth, Grapeleaf skeletonizer, Western grapeleaf skeletonizer, Diamondback moth, Mimosa webworm

OECD registration

USA

Manufacturer

DowAgro Sciences

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=05563800048&DIST_NR=055638

Betel

Beauveria brongniartii

Insecticide

Fungus

Label crops

Sugar cane

Target pests

Sugar cane beetle (Hoplocheus marginalis)

OECD registration

France

Manufacturer

Natural Plant Protection

Manufacturer location

France

More information

<http://www.wisard.org/wisard/shared/asp/generalinfoserver/intermediate.asp?InstitutionID=7120>

Bio-Cane Granules

Metarhizium anisopliae isolate FI-1045

Insecticide

Fungus

Label crops

New plant cane crops

Target pests

Greyback canegrub (*Dermolepida albohirtum*)

OECD registration

Australia

Manufacturer

Becker-Underwood Inc.

Manufacturer location

Australia

More information

http://www.beckerunderwood.com/bio-care/our_products.html

Bio-Green Granules

Metarhizium anisopliae strain F001

Insecticide

Fungus

Label crops

Pasture, Turf, Lawns

Target pests

Redheaded cockchafer (Adoryphorus couloni)

OECD registration

Australia

Manufacturer

Becker-Underwood Inc.

Manufacturer location

Australia

More information

http://www.beckerunderwood.com/bio-care/our_products.html

Insecticide

Fungus

Label crops

Acerola, Arracacha, Arrowroot, Artichoke, Arugula, Asparagus, Atermoya, Blasam pear, Bamboo shoots, Bean, Beet, Blackeyed pea, Bok choy, Broccoli, Broccoli raab, Brussels sprout, Burdock, Cabbage, Cantaloupe, Carambol, Carrot, Casaba melon, Cassava, Catjang, Cauliflower, Celeriac, Celery, Celtuce, Chayote, Chervil, Chickpea, Chicory, Chinese broccoli, Chinese cabbage, Chinese gai lon, Chinese longbean, Chinese mustard, Chinese spinach, Chinese waxgourd, Chrysanthemum, Chufa, Cilantro, Citron melon, Collard, Corn salad, Crenshaw melon, Cress, Cucumber, Dandelion, Dasheen, Daikon, Dock, Edamame, Eggplant, Endive, Escarole, Fennel, Garlic, Gherkin, Ginger, Golden pershaw melon, Gourd, Groundcherry, Guar, Honey ball, Honeydew melon, Horseradish, Kale, Kohlrabi, Leek, Lentil, Leren, Lettuce, Mango melon, Muskmelon, Mustard greens, New Zealand spinach, Okra, Onion, Orach, Parsley, Parsnip, Pea, Pepino, Pepper, Persian melon, Pimento, Pineapple melon, Potato, Pumpkin, Purslane, Radish, Radochio, Rambutan, Rape greens, Rapini, Rhubarb, Rutabaga, Salsify, Shallot, Snake melon, Soybean, Spinach, Squash, Sugar beet, Sweet potato, Swiss chard, Tanier, Tomatillo, Tumeric, Turnip, Watermelon, Yam, Zucchini, Apple, Apricot, Avacado, Banana, Blackberry, Blueberry, Boysenberry, Calamondin, Carob, Cherimoya, Cherry, Chironja, Citrus Citron, Citrus hybrids, Coffee, Crabapple, Cranberry, Currant, Date, Dewberry, Durian, Elderberry, Fejoa, Fig, Gooseberry, Grape, Grapefruit, Guava, Huckleberry, Kiwi, Kumquat, Lemon, Lime, Loganberry, Loquat, Lychee, Mandarin, Mango, Marionberry, Nectarine, Olallie berry, Olive, Orange, Oriental pear, Papaya, Passion fruit, Peach, Pear, Persimmon, Pineapple, Plum, Pomegranate, Prune, Pummelo, Quihuna, Quince, Raspberry, Sour cherry, Strawberry, Sweet Cherry, Tangelo, Tangerine, Youngberry, Allspice, Anise, Balm, Basil, Borage, Burnet, Chamomile, Caper buds, Caraway, Cardamom, Catnip, Celery seed, Chervil, Chicory, Chive, Cilantro/Coriander, Cinnamon, Clary, Coriander, Costmary, Cumin, Curry leaf, Dill, Fennel, Fenugreek, Ginseng, Horehound, Hyssop, Mace, Marjoram, Mint, Mustard, Nasturtium, Nutmeg, Oregano, Paprika, Pennyroyal, Pepper, Peppermint, Rosemary, Rue, Sage, Saffron, Savory, Sesame, Spearmint, Sweet bay leaf, Tarragon, Thyme, Wintergreen, Woodruff, Wormwood, Various ornamentals

Target pests

Banded-winged whitefly, Citrus blackfly, Citrus whitefly, Giant whitefly, Greenhouse whitefly, Silverleaf whitefly, Sweet potato whitefly (aka Tobacco whitefly), Bean aphid, Cabbage aphid, Cowpea aphid, Green peach aphid, Greenbug, Hop aphid, Melon/cotton aphid, Pea aphid, Potato aphid, Rose aphid, Russian wheat aphid, Spotted alfalfa aphid, Greenhouse thrip, Cuban laurel thrip, Pear thrip, Potato/Onion thrip, Thrips palmi, Western flower thrip, Pear psylla, Potato psylla, Citrus mealybug, Grape mealybug, Buffalo grass mealybug, Longtailed mealybug, Scarab beetle spp., Lace bug, Chinch bug, Black Vine weevil, Strawberry root weevil, Fuller rose weevil, Rose Curculio, Billbug, Root weevil

OECD registration

Denmark, Italy, Japan, Mexico, Spain, Sweden, USA

Manufacturer

Emerald Bioagriculture Corp.

Manufacturer location

USA

More information

<http://www.emeraldbio.com/pdfs/BotanigardES.PDF>

Botanigard WP

Beauveria bassiana strain GHA

Insecticide

Fungus

Label crops

Small fruit, Citrus, Citron, Pome fruit, Stone fruit, Tropical fruit, Subtropical fruit, Coffee, Herbs, Spices, Cucurbit, Fruiting vegetables, Leafy vegetables, Stem vegetables, Root crop vegetables, Root crops, Seed and pod vegetables, Ornamental herbaceous plants, Ornamental flowering plants, Ornamental ground covers, Ornamental foliage plants, Ornamental plants, Ornamental woody plants, Ornamental vines, Ornamental evergreens, Ornamental ground covers, Ornamental woody shrubs, Ornamental woody vines, Ornamental broadleaf evergreen shrubs

Target pests

Thrip, Cuban laurel thrip, Western flower thrip, Greenhouse thrip, Pear thrip, Onion thrip, Beetle spp., Locust borer, Locust leafminer, Weevil, Pepper weevil, Sweetpotato weevil, Black vine weevil, Citrus root weevil, Buffalo bug, White grub, Green june beetle, Planthopper, Whitefly, Citrus blackfly, Sweet potato whitefly, Citrus whitefly, Bandedwinged whitefly, Greenhouse whitefly, Aphid, Pea aphid, Cowpea aphid, Bean aphid, Cotton aphid, Melon aphid, Cabbage aphid, Potato aphid, Rose aphid, Green peach aphid, Hop aphid, Greenbug, Spotted alfalfa aphid, Russian wheat aphid, Leafhopper, Potato leafhopper, Grape leafhopper, Variegated leafhopper, Mealybug, Citrus mealybug, Grape mealybug, Psyllid, Potato psyllid, Tomato psyllid, Grasshopper, Mole cricket, Mormon cricket

OECD registration

Denmark, Italy, Sweden, USA

Manufacturer

Emerald Bioagriculture Corp.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07081000008&DIST_NR=070810

Engerlingspilz

Beauveria brongniartii

Insecticide

Fungus

Label crops

Cockchafer (Melolontha melolontha)

Target pests

Meadow, Turf

OECD registration

Switzerland

Manufacturer

Andermatt Biocontrol AG

Manufacturer location

Switzerland

More information

<http://www.biocontrol.ch/>

Green Guard SC

Metarhizium anisopliae subsp. acridum isolate FI-985

Insecticide

Fungus

Label crops

unspecified crops

Target pests

Locust, Wingless grasshopper

OECD registration

Registration pending. Limited approval for use in organically certified properties in Australia

Manufacturer

Becker-Underwood Inc.

Manufacturer location

Australia

More information

http://www.beckerunderwood.com/bio-care/our_products.html

Green Guard ULV

Metarhizium anisopliae subsp. acridum isolate FI-985

Insecticide

Fungus

Label crops

unspecified crops

Target pests

Locust, Wingless grasshopper

OECD registration

Registration pending. Limited approval for use in organically certified properties in Australia

Manufacturer

Becker-Underwood.

Manufacturer location

Australia

More information

http://www.beckerunderwood.com/bio-care/our_products.html

Mycotal

Verticillium lecanii

Insecticide

Fungus

Label crops

Tomato, Cucumber, Runner bean, Broad bean, French bean, Aubergine, Lettuce, Pepper, Ornamental plant production

Target pests

Whitefly, Thrip

OECD registration

Finland, Italy, Japan, Netherlands, Norway, Switzerland, Turkey, UK. Registration pending in Denmark.

Manufacturer

Koppert

Manufacturer location

Netherlands

More information

http://www.koppert.nl/cgi-bin/x031.pl?ktrn_srcID=5&lang=e

Mycotrol 22WP

Beauveria bassiana strain GHA

Insecticide

Fungus

Label crops

Small fruit, Citrus, Citron, Pome fruit, Stone fruit, Tropical fruit, Subtropical fruit, Coffee, Herbs, Spices, Cucurbit, Fruiting vegetables, Leafy vegetables, Stem vegetables, Root crop vegetables, Root crops, Seed and pod vegetables, Ornamental herbaceous plants, Ornamental flowering plants, Ornamental ground covers, Ornamental foliage plants, Ornamental plants, Ornamental woody plants, Ornamental vines, Ornamental evergreens, Ornamental ground covers, Ornamental woody shrubs, Ornamental woody vines, Ornamental broadleaf evergreen shrubs

Target pests

Thrip, Cuban laurel thrip, Western flower thrip, Greenhouse thrip, Pear thrip, Onion thrip, Beetle spp., Locust borer, Locust leafminer, Weevil, Pepper weevil, Sweetpotato weevil, Black vine weevil, Citrus root weevil, Buffalo bug, White grub, Green june beetle, Planthopper, Whitefly, Citrus blackfly, Sweet potato whitefly, Citrus whitefly, Bandedwinged whitefly, Greenhouse whitefly, Aphid, Pea aphid, Cowpea aphid, Bean aphid, Cotton aphid, Melon aphid, Cabbage aphid, Potato aphid, Rose aphid, Green peach aphid, Hop aphid, Greenbug, Spotted alfalfa aphid, Russian wheat aphid, Leafhopper, Potato leafhopper, Grape leafhopper, Variegated leafhopper, Mealybug, Citrus mealybug, Grape mealybug, Psyllid, Potato psyllid, Tomato psyllid, Grasshopper, Mole cricket, Mormon cricket

OECD registration

Denmark, Italy, Sweden, USA

Manufacturer

Emerald Bioagriculture Corp.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=06562600007&DIST_NR=065626

Mycotrol ES

Beauveria bassiana strain GHA

Insecticide

Fungus

Label crops

Acerola, Arracacha, Arrowroot, Artichoke, Arugula, Asparagus, Atermoya, Blasam pear, Bamboo shoots, Bean, Beet, Blackeyed pea, Bok choy, Broccoli, Broccoli raab, Brussels sprout, Burdock, Cabbage, Cantaloupe, Carambol, Carrot, Casaba melon, Cassava, Catjang, Cauliflower, Celeriac, Celery, Celtuce, Chayote, Chervil, Chickpea, Chicory, Chinese broccoli, Chinese cabbage, Chinese gai lon, Chinese longbean, Chinese mustard, Chinese spinach, Chinese waxgourd, Chrysanthemum, Chufa, Cilantro, Citron melon, Collard, Corn salad, Crenshaw melon, Cress, Cucumber, Dandelion, Dasheen, Daikon, Dock, Edamame, Eggplant, Endive, Escarole, Fennel, Garlic, Gherkin, Ginger, Golden pershaw melon, Gourd, Groundcherry, Guar, Honey ball, Honeydew melon, Horseradish, Kale, Kohlrabi, Leek, Lentil, Leren, Lettuce, Mango melon, Muskmelon, Mustard greens, New Zealand spinach, Okra, Onion, Orach, Parsley, Parsnip, Pea, Pepino, Pepper, Persian melon, Pimento, Pineapple melon, Potato, Pumpkin, Purslane, Radish, Radochio, Rambutan, Rape greens, Rapini, Rhubarb, Rutabaga, Salsify, Shallot, Snake melon, Soybean, Spinach, Squash, Sugar beet, Sweet potato, Swiss chard, Tanier, Tomatillo, Tumeric, Turnip, Watermelon, Yam, Zucchini, Apple, Apricot, Avacado, Banana, Blackberry, Blueberry, Boysenberry, Calamondin, Carob, Cherimoya, Cherry, Chironja, Citrus Citron, Citrus hybrids, Coffee, Crabapple, Cranberry, Currant, Date, Dewberry, Durian, Elderberry, Fejoa, Fig, Gooseberry, Grape, Grapefruit, Guava, Huckleberry, Kiwi, Kumquat, Lemon, Lime, Loganberry, Loquat, Lychee, Mandarin, Mango, Marionberry, Nectarine, Olallie berry, Olive, Orange, Oriental pear, Papaya, Passion fruit, Peach, Pear, Persimmon, Pineapple, Plum, Pomegranate, Prune, Pummelo, Quihuna, Quince, Raspberry, Sour cherry, Strawberry, Sweet Cherry, Tangelo, Tangerine, Youngberry, Allspice, Anise, Balm, Basil, Borage, Burnet, Chamomile, Caper buds, Caraway, Cardamom, Catnip, Celery seed, Chervil, Chicory, Chive, Cilantro/Coriander, Cinnamon, Clary, Coriander, Costmary, Cumin, Curry leaf, Dill, Fennel, Fenugreek, Ginseng, Horehound, Hyssop, Mace, Marjoram, Mint, Mustard, Nasturtium, Nutmeg, Oregano, Paprika, Pennyroyal, Pepper, Peppermint, Rosemary, Rue, Sage, Saffron, Savory, Sesame, Spearmint, Sweet bay leaf, Tarragon, Thyme, Wintergreen, Woodruff, Wormwood, Various ornamentals

Target pests

Banded-winged whitefly, Citrus blackfly, Citrus whitefly, Giant whitefly, Greenhouse whitefly, Silverleaf whitefly, Sweet potato whitefly (aka Tobacco whitefly), Bean aphid, Cabbage aphid, Cowpea aphid, Green peach aphid, Greenbug, Hop aphid, Melon/cotton aphid, Pea aphid, Potato aphid, Rose aphid, Russian wheat aphid, Spotted alfalfa aphid, Greenhouse thrip, Cuban laurel thrip, Pear thrip, Potato/Onion thrip, Thrips palmi, Western flower thrip, Pear psylla, Potato psylla, Citrus mealybug, Grape mealybug, Buffalo grass mealybug, Longtailed mealybug, Scarab beetle spp., Lace bug, Chinch bug, Black Vine weevil, Strawberry root weevil, Fuller rose weevil, Rose Curculio, Billbug, Root weevil

OECD registration

Denmark, Italy, Japan, Mexico, Spain, Sweden, USA

Manufacturer

Emerald Bioagriculture Corp.

Manufacturer location

USA

More information

<http://www.emeraldbio.com/pdfs/BotaniGardES.PDF>

Mycotrol-O

Beauveria bassiana strain GHA

Insecticide

Fungus

Label crops

Blackberry, Raspberry, Blueberry, Cranberry, Grape, Strawberry, Citrus, Grapefruit, Kumquat, Lemon, Lime, Orange, Tangelo, Mandarin, Almond, Pecan, Walnut, Pistachio nut, Apple, Pear, Oriental pear, Apricot, Cherry, Nectarine, Peach, Plum, Prune, Banana, Pineapple, Coffee, Basil, Cilantro, Dill, Hops, Oregano, Sweet marjoram, Cantaloupe, Crenshaw melon, Honey ball melon, Honeydew melon, Muskmelon, Persian melon, Watermelon, Cucumber, Pumpkin, Squash, Gourd, Gherkin, Mango melon, Eggplant, Pepper, Tomato, Tomatillo, Broccoli, Brussels sprout, Cauliflower, Collard, Chinese cabbage, Kale, Kohlrabi, Endive, Fennel, Artichoke, Lettuce, Mustard greens, Parsley, Rhubarb, Spinach, Swiss chard, New Zealand spinach, Chinese broccoli, Carrot, Celeriac, Chive, Garlic, Leek, Onion, Potato Radish, Shallot, Sweet potato, Yam, Corn, Chick pea, Lentil, Okra, Asparagus, Alfalfa, Clover, Barley, Oat, Wheat, Sugarcane, Safflower, Rapeseed, Canola, Bean, Beet, Celery, Corn, Cotton, Horseradish, Peanut, Pea, Sorghum, Sugar beet, Sunflower, Turnip, Soybean, Pasture, Hay, Rangeland, Ornamental flowering plants, Ornamental woody shrubs, Ornamental plants

Target pests

Thrip, Western flower thrip, Greenhouse thrip, Pear thrip, Onion thrip, Cucumber beetle, Flea beetle, Bean leaf beetle, Corn rootworm, Colorado potato beetle, Cereal leaf beetle, Elm leaf beetle, Root weevil, Pepper weevil, Cotton boll weevil, Plum curculio, Pecan weevil, Sweetpotato weevil, Alfalfa weevil, Vegetable weevil, Strawberry root weevil, Black vine weevil, Citrus root weevil, Fuller rose weevil, Rose curculio, Billbug, Apple curculio, Chinch bug, Seed bug, Plant bug, Lygus bug, Tarnished plant bug, Fleahopper, Whitefly, Citrus blackfly, Sweet potato whitefly, Citrus whitefly, Bandedwinged whitefly, Greenhouse whitefly, Pea aphid, Cowpea aphid, Bean aphid, Cotton aphid, Melon aphid, Cabbage aphid, Potato aphid, Rose aphid, Green peach aphid, Hop aphid, Greenbug, Spotted alfalfa aphid, Russian wheat aphid, Potato leafhopper, Grape leafhopper, Variegated leafhopper, Citrus mealybug, Grape mealybug, Potato psyllid, Tomato psyllid, Pear psylla, Southwestern corn borer, Sugarcane borer, European corn borer, Rice stem borer, Diamondback moth, Grasshopper, Mole cricket, Mormon cricket

OECD registration

USA

Manufacturer

Emerald Bioagriculture Corp.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07081000006&DIST_NR=070810

Naturalis-L

Beauveria bassiana ATCC 74040

Insecticide

Fungus

Label crops

Blackberry, Blueberry, Cranberry, Grape, Strawberry, Citrus, Grapefruit, Orange, Tangerine, Almond, Filbert, Pecan, Walnut, Apple, Pear, Cherry, Nectarine, Peach, Plum, Prune, Banana, Mango, Papaya, Pineapple, Kiwi, Herbs, Spices, Basil, Dill, Hops, Melon, Cucumber, Squash, Eggplant, Pepper, Tomato, Broccoli, Cabbage, Kale, Parsley, Spinach, Lettuce, Carrot, Chive, Garlic, Leek, Onion, Potato, Lentil, Onion (green), Alfalfa, Barley, Oat, Wheat, Tobacco, Sapodilla, Safflower, Canola, Avocado, Bean, Beet, Celery, Corn, Cotton, Mint, Peppermint, Peanut, Pea, Sugar beet, Sunflower, Soybean, Pasture, Christmas tree plantings, Ornamental herbaceous plants, Ornamental flowering plants, Ornamental foliage plants, Ornamental plants, Ornamental woody plants, Ornamental turf, Ornamental ground covers, Ornamental trees, Ornamental conifers

Target pests

Sowbug, Millipede, Mite (Bermudagrass mite, Tetranychus spp.), Leafroller, Thrip, Cucumber beetle, Flea beetle, Colorado potato beetle, Elm leaf beetle, Weevil, Root weevil, Billbug, White grub, White grub, European chafer, Green june beetle, Northern masked chafer, Japanese beetle, Japanese beetle, Black turfgrass ataenius, Shorefly, Fungus gnats, European crane fly, Chinch bug, Lygus bug, Tarnished plant bug, Fleahopper, Whitefly, Citrus blackfly, Aphid, Spittlebug, Leafhopper, Mealybug, Pear psylla, Ant, Corn borer, Looper, Leafeating caterpillar, Cutworm, Bollworm, Tomato fruitworm, Armyworm, Sod webworm, Grasshopper, Mole cricket, Budworm

OECD registration

Greece, Italy, Mexico, Spain, Switzerland, USA

Manufacturer

Troy Biosciences Inc.

Manufacturer location

USA

More information

<http://www.troybiosciences.com>

Ostrinil

Beauveria bassiana

Insecticide

Fungus

Label crops

Maize (corn)

Target pests

Corn borer (*Ostrinia nubilalis*)

OECD registration

France

Manufacturer

Natural Plant Protection

Manufacturer location

France

More information

<http://www.inra.fr/dpenv/scienceauquotidien/ficheshtml/04CC.htm>

PFR-97 20% WDG

Paecilomyces fumosoroseus apopka strain 97

Insecticide

Fungus

Label crops

Ornamental plants

Target pests

Mite spp. (Spider mite), Thrip spp., Whitefly spp., Aphid spp.

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07005100019&DIST_NR=070051

Preferal WG

Paecilomyces fumosoroseus apopka strain 97

Insecticide

Fungus

Label crops

Tomato, Cucumber, Ornamental crops, Greenhouse crops (depending on country of registration)

Target pests

Greenhouse white fly (*Trialeurodes vaporariorum*), some countries *Bemisia tabaci* on tomato

OECD registration

Belgium, Finland (Tomato, Cucumber, Ornamental), France (*T.vaporariorum* and *B.tabaci* on Ornamentals, Tomato, Cucumber), Luxemburg, Netherlands (Ornamentals, Cucumber, Tomatoes), Norway, Poland (Greenhouse tomato, Cucumber, Ornamentals), Sweden.

Manufacturer

BioBest Biological Systems

Manufacturer location

Belgium

More information

<http://www.biobest.be/>

TAE-001 Technical

Metarhizium anisopliae strain F52 spores

Insecticide

Fungus

Label crops

Forest trees, Ornamental plants, Ornamental flowering shrubs, Ornamental woody shrubs, Ornamental shade trees, Ornamental trees

Target pests

Thrip, Western flower thrip, Onion thrip, Root weevil, Strawberry root weevil, Black vine weevil, Citrus root weevil, June beetle, Oriental beetle, Japanese beetle, Fly, Gnat, Shorefly, Mushroom fly, Crane fly, Grub

OECD registration

USA

Manufacturer

Earth Biosciences Inc.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07209800008&DIST_NR=072098

Taenure Granular

Metarhizium anisopliae strain F52 spores

Insecticide

Fungus

Label crops

Forest trees, Ornamental plants, Ornamental flowering shrubs, Ornamental woody shrubs, Ornamental shade trees, Ornamental trees

Target pests

Thrip, Western flower thrip, Onion thrip, Root weevil, Strawberry root weevil, Black vine weevil, Citrus root weevil, June beetle, Oriental beetle, Japanese beetle, Fly, Gnat, Shorefly, Mushroom fly, Crane fly, Grub

OECD registration

USA. Registration pending in Netherlands

Manufacturer

Earth Biosciences Inc.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07209800008&DIST_NR=072098

Tick-Ex EC

Metarhizium anisopliae strain F52 spores

Insecticide

Fungus

Label crops

Ornamental lawns, Domestic dwellings, Institutions

Target pests

Tick, Lone star tick, Rocky mountain wood tick, American dog tick, Blacklegged tick, Brown dog tick, June beetle, May beetle, Oriental beetle, Japanese beetle, Grub

OECD registration

USA

Manufacturer

Earth Biosciences Inc.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07209800013&DIST_NR=072098

Tick-Ex G

Metarhizium anisopliae strain F52 spores

Insecticide

Fungus

Label crops

Ornamental lawns, Domestic dwellings, Institutions

Target pests

Deer tick, Lone star tick, Rocky mountain wood tick, Blacklegged tick, June beetle, May beetle, Oriental beetle, Japanese beetle

OECD registration

USA

Manufacturer

Earth Biosciences Inc.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07209800012&DIST_NR=072098

Trichobass-L

Beauveria bassiana

Insecticide

Fungus

Label crops

Cotton, Potato, Banana, Tropical pineapple, Sugarcane, Flowers, Ornamentals, Strawberry, Lettuce, Tobacco, Cabbage

Target pests

Tysanopter spp., Homopterous spp. (aleurodidaes), Coleopterous spp., Anthonomus grandis, Ancognatha spp., Cosmopolites sordidus, Phyllophaga spp., Castnia, Metamizius spp., Trialeurodes vaporariorum, Bemisia tabaci, Frankliniella occidentalis, Trips tabaci, Tetranychus turquestani, Nasonovia, Black aphid, Faustinus apicalis, Leptophobia spp.

OECD registration

Spain

Manufacturer

AMC Chemical/Trichodex

Manufacturer location

Spain

More information

<http://www.amcchemical.com/english/main-BG.htm>

Trichobass-P

Beauveria bassiana

Insecticide

Fungus

Label crops

Ornamentals, Strawberry, Banana, Tropical pineapple, Tobacco, Cotton

Target pests

Trialeurodes vaporariorum, Bemisia tabaci, Arachnid, Plant louse, Weevil, Tetranychus truquestani, Cosmopolites sordidus, Phyllophaga spp., Faustinus apicalls, F. cubae, F. thombirer, Anthonomus grandis

OECD registration

Spain

Manufacturer

AMC Chemical/Trichodex

Manufacturer location

Spain

More information

<http://www.amcchemical.com/english/main-BG.htm>

Vertalec

Verticillium lecanii

Insecticide

Fungus

Label crops

Tomato, Cucumber, Runner bean, Broad bean, French bean, Aubergine, Lettuce, Pepper, Ornamental plant production

Target pests

Aphid (except the Chrysanthemum aphid: Macrosiphoniella sanborni)

OECD registration

Finland, Japan, Norway, Switzerland, UK

Manufacturer

Koppert

Manufacturer location

Netherlands

More information

<http://www.bioplant.dk/bioplantdk/dk/produkt/produkt.php?command=http://www.bioplant.dk/bioplantdk/dk/produkt/mikrobio/vertalec.htm>

B-Green

Heterorhabditis bacteriophora

Insecticide

Nematode

Label crops

Turf, Ornamentals

Target pests

Garden chafer (*Phyllopertha horticola*), Vine weevil (*Otiorhynchus sulcatus*), Japanese beetle (*Popillia japonica*), Northern masked chafer (*Cyclocephala borealis*), Billbugs (*Sphenophorus purzulus*), Dung beetle (*Aphodius contaminatus*),

OECD registration

Sold with no required registration in Belgium, Netherlands, Germany, France, Poland

Manufacturer

BioBest Biological Systems (Distributor)

Manufacturer Location

Undisclosed

More information

<http://207.5.71.37/biobest/en/producten/nematoden/B-Green.htm>

Biovector 25

Steinernema carpocapsae

Insecticide

Nematode

Label crops

Cranberry, Peppermint, Spearmint

Target pests

Mint root borer (*Fumibotys fumalis*), Mint flea beetle (*Longitarsus ferrugineus*), Cranberry girdler (*Chrysoteuchia topiaria*), Black vine weevil (*Otiorhynchus sulcatus*), Strawberry root weevil (*Otiorhynchus ovatus*)

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

<http://www.certisusa.com/labels/summary/biovector25.html>

Biovector 355

Steinernema riobravis

Insecticide

Nematode

Label crops

Citrus

Target pests

West Indian sugarcane borer (*Diaprepes abbreviatus*), Blue-green citrus weevil (*Pachnaeus opalus*), Citrus root weevil (*Pachnaeus litus*)

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

<http://www.certisusa.com/labels/summary/biovector355.html>

Biovector 355 L

Steinernema riobravis

Insecticide

Nematode

Label crops

Citrus

Target pests

West Indian sugarcane borer (*Diaprepes abbreviatus*), blue-green citrus weevil (*Pachnaeus opalus*), Citrus root weevil (*Pachnaeus litus*)

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

<http://www.beckerunderwood.com/products/biovector.shtml>

Dickmaulrussler-Nematoden

Heterorhabditis megidis

Insecticide

Nematode

Label crops

Nursery, Strawberry, Ornamental plants, Young vine

Target pests

Black vine weevil (*Otiorhynchus sulcatus*)

OECD registration

Austria, Belgium, France, Germany, Netherlands, Spain, Switzerland, UK

Manufacturer

Andermatt Biocontrol AG

Manufacturer location

Switzerland

More information

<http://www.biocontrol.ch/>

Ecomask

Steinernema carpocapsae

Insecticide

Nematode

Label crops

unspecified crops

Target pests

Pine weevil, Citrus weevil, Black vine weevil, Cutworm, Sod webworm, Girdler, Armyworm, Mole cricket, White grub

OECD registration

Sold with no registration required in: Canada, USA

Manufacturer

BioLogic Company

Manufacturer location

USA

More information

<http://www.biologicco.com/products/ecomask.htm>

Entonem

Steinernema feltiae

Insecticide

Nematode

Label crops

unspecified crops

Target pests

Larvae of Sciarid flies (Sciaridae)

OECD registration

Austria, Finland, Mexico, Norway, Sweden. CFIA approval in Canada. Sold with no registration required in: Germany, UK.

Manufacturer

Koppert

Manufacturer location

Netherlands

More information

http://www.koppert.nl/cgi-bin/x031.pl?ktrn_srcID=33&lang=e

Grubstake Hb

Heterorhabditis bacteriophora

Insecticide

Nematode

Label crops

unspecified crops

Target pests

Citrus root weevil, Colorado potato beetle, Sugarcane stalk borer, Strawberry root weevil, Various tree and vine borers, Cucumber beetle, Japanese beetle, May/June beetles, Asparagus beetle, Masked chaffer, Black vine weevil, Sweetpotato weevil, Other white grubs, Carrot weevil, Flea beetle, Bill bug, Bagworm, Flea, Banana weevil, Banana moth

OECD registration

Does not require registration. Sold in USA, Canada (limited distribution), unspecified countries

Manufacturer

Integrated Biocontrol Systems

Manufacturer location

USA

More information

<http://www.goodbug-shop.com/grubstakehb.htm>

Grubstake Hi (Symbion South)

Heterorhabditis indica

Insecticide

Nematode

Label crops

unspecified crops

Target pests

Citrus root weevil, Sugarcane stalk borer, Various tree and vine borers, Japanese beetle, Banana weevil, Banana moth, Masked chaffer, Mole cricket, May/June beetles

OECD registration

Does not require registration. Sold in USA, Canada (limited distribution), unspecified countries

Manufacturer

Integrated Biocontrol Systems

Manufacturer location

USA

More information

<http://www.nematodary.com/>

Grubstake Hm

Heterorhabditis marilatus

Insecticide

Nematode

Label crops

unspecified crops

Target pests

Citrus root weevil, Colorado potato beetle, Sugarcane stalk borer, Strawberry root weevil, Various tree and vine borers, Cucumber beetle, Japanese beetle, May/June beetles, Asparagus beetle, Masked chaffer, Black vine weevil, Sweetpotato weevil, Other white grubs, Carrot weevil, Flea beetle, Bill bug, Bagworm, Flea, Banana weevil, Banana moth

OECD registration

Does not require registration. Sold in USA, Canada (limited distribution), unspecified countries

Manufacturer

Integrated Biocontrol Systems

Manufacturer location

USA

More information

<http://www.goodbug-shop.com/grubstakehm.htm>

Heteromask

Heterorhabditis bacteriophora

Insecticide

Nematode

Label crops

Leaves and roots of ornamentals, Strawberry liter and plants, Turf

Target pests

Black vine weevil, Japanese beetle, Strawberry weevil, White grub

OECD registration

Sold with no registration required in: Canada, USA

Manufacturer

BioLogic Company

Manufacturer location

USA

More information

<http://www.biologicco.com/products/heteromask.htm>

Larvanem

Heterorhabditis bacteriophora

Insecticide

Nematode

Label crops

unspecified crops

Target pests

Larvae of Curculionids (Otiorhynchus sulcatus, Hepialus lupulinus)

OECD registration

Austria, Denmark, Finland, USA (Michigan), Poland. CFIA approval in Canada. Sold with no registration required in: Czech Republic, Germany, Iceland, Slovak Republic

Manufacturer

Koppert

Manufacturer location

Netherlands

More information

http://www.koppert.nl/cgi-bin/x031.pl?ktrn_srcID=32&lang=e

Larvanem M

Heterorhabditis megidis

Insecticide

Nematode

Label crops

unspecified crops

Target pests

Curculionids such as vine weevil (*Otiorhynchus sulcatus*)

OECD registration

Austria, Denmark, Finland, USA (Michigan), Poland. CFIA approval in Canada. Sold with no registration required in: Czech Republic, Germany, Iceland, Slovak Republic

Manufacturer

Koppert

Manufacturer location

Netherlands

More information

http://www.koppert.nl/cgi-bin/x031.pl?ktrn_srcID=112&lang=e

Millenium

Steinernema carpocapsae

Insecticide

Nematode

Label crops

Turf, Ornamental, Kennels

Target pests

Flea larvae, Cutworm, Banana moth, Fungus gnat, Weevil

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

<http://www.certisusa.com/>

NemaShield

Steinernema feltiae

Insecticide

Nematode

Label crops

Ornamental plants (nursery, greenhouse, interiorscape)

Target pests

Gnat (Sciaridae), Fungus Gnat (Bradysia spp.)

OECD registration

Sold with no registration required in USA.

Manufacturer

Bioworks Inc.

Manufacturer location

USA

More information

http://www.bioworksbiocontrol.com/nemashield/pdf/NewNemaShieldTS12_21_03.pdf

Nemaslug

Phasmarhabditis hermaphrodita

Insecticide

Nematode

Label crops

Any crop

Target pests

Slug

OECD registration

Czech Republic, Ireland, Norway, Sweden, Switzerland. Sold in: Belgium, Czech Republic, Denmark, Ireland, France, Germany, Netherlands, Italy, Switzerland, UK.

Manufacturer

Becker Underwood Inc.

Manufacturer location

UK

More information

<http://www.greengardener.co.uk/slugbu.htm>

Nemasys

Steinernema feltiae

Insecticide

Nematode

Label crops

Ornamental plants (nursery, greenhouse, interiorscape)

Target pests

Gnat (Sciaridae), Fungus Gnat (Bradysia spp.)

OECD registration

Sold with no registration required in: Belgium, Canada, Denmark, Ireland, Finland, France, Germany, Netherlands, Italy, Norway, Spain, UK, USA

Manufacturer

Becker Underwood Inc.

Manufacturer location

UK

More information

<http://www.beckerunderwood.com/labels/nemasys.html>

Nemasys F

Steinernema feltiae

Insecticide

Nematode

Label crops

Range of protected crops

Target pests

Western flower thrip (*Frankliniella occidentalis*)

OECD registration

Sold with no registration required in: Belgium, Canada, Denmark, Ireland, Finland, France, Germany, Netherlands, Italy, Norway, Spain, UK, USA

Manufacturer

Becker Underwood Inc.

Manufacturer location

UK

More information

http://www.brinkman.com/pdf/Biologische_producten/Nemasys-f-mineervlieg.pdf

Nemasys H

Heterorhabditis megidis

Insecticide

Nematode

Label crops

Rhododendron, Azalea, Camelia, Herbaceous perennials, Primula, Polyanthus, Cyclamen, Fuschia

Target pests

Black vine weevil (Otiorhynchus sulcatus)

OECD registration

Sold with no registration required in: Belgium, Canada, Denmark, Ireland, Finland, France, Germany, Netherlands, Italy, Norway, Spain, UK, USA

Manufacturer

Becker Underwood Inc.

Manufacturer location

USA

More information

<http://www.microbiogroup.com/Nemasys%20H%20Prod.htm>

Nemasys L

Steinernema kraussei

Insecticide

Nematode

Label crops

unspecified crops

Target pests

Black vine weevil

OECD registration

Sold with no registration required in: Belgium, Canada, Denmark, Ireland, Finland, France, Germany, Netherlands, Italy, Norway, Spain, UK, USA

Manufacturer

Becker Underwood Inc.

Manufacturer location

Canada

More information

<http://www.biological-crop-protection.co.uk/Attachments/Products/Beneficials/FC89D88C-FFFFBED5-4A44-97FC-111094838478.PDF>

Nemasys M

Steinernema feltiae

Insecticide

Nematode

Label crops

Mushroom

Target pests

Sciarid fly

OECD registration

Canada, Ireland, UK, USA

Manufacturer

Becker Underwood Inc.

Manufacturer location

USA

More information

<http://www.microbiogroup.com/Nemasys%20M%20Prod.htm>

Nematac C

Steinernema carpocapsae

Insecticide

Nematode

Label crops

unspecified crops

Target pests

Cranberry girdler (*Chrysoteuchia topiaria*), Black vine weevil (*Otiorhynchus sulcatus*)

OECD registration

Canada, Europe, USA

Manufacturer

Becker Underwood Inc.

Manufacturer location

UK

More information

<http://www.microbiogroup.com/Nematac%20Prod.htm>

Nematac S

Steinernema scapterisci

Insecticide

Nematode

Label crops

Turf, Pasture

Target pests

Tawny mole cricket (*Scapteriscus vicinus*), Southern mole cricket (*S. borellii*)

OECD registration

USA, Canada

Manufacturer

Becker Underwood Inc.

Manufacturer location

USA

More information

<http://www.beckerunderwood.com/labels/nematac.html>

No Flea

Steinernema carpocapsae

Insecticide

Nematode

Label crops

unspecified crops

Target pests

German cockroach, Cucumber beetle, Corn earworm, Black cutworm, Fruit fly, Fall armyworm, Armyworm, Sod webworm, Codling moth, Cutworm, Beet armyworm, Mole cricket, Tobacco budworm, Asian cockroach, Cotton bollworm, American cockroach, Artichoke plume moth, Leaf miner

OECD registration

Does not require registration. Sold in USA, Canada (limited distribution), unspecified countries

Manufacturer

Integrated Biocontrol Systems

Manufacturer location

USA

More information

<http://www.goodbug-shop.com/noflea.htm>

Scanmask Bulk

Steinernema feltiae

Insecticide

Nematode

Label crops

unspecified crops

Target pests

Fungus gnat, Black vine weevil, Cutworm, Sod webworm, Root maggot, Crane fly, White grub

OECD registration

Sold with no registration required in: Canada, USA.

Manufacturer

BioLogic Company

Manufacturer location

USA

More information

<http://www.biologicco.com/products/hortscanmask.htm>

Scanmask Dispersible Sprayable

Steinernema feltiae

Insecticide

Nematode

Label crops

unspecified crops

Target pests

Fungus gnat, Black vine weevil, Cutworm, Sod webworm, Root maggot, Crane fly, White grub

OECD registration

Sold with no registration required in: Canada, USA.

Manufacturer

BioLogic Company

Manufacturer location

USA

More information

<http://www.biologicco.com/products/hortscanmask.htm>

Scanmask Foam Sprayable

Steinernema feltiae

Insecticide

Nematode

Label crops

unspecified crops

Target pests

Fungus gnat, Black vine weevil, Cutworm, Sod webworm, Root maggot, Crane fly, White grub

OECD registration

Sold with no registration required in: Canada, USA.

Manufacturer

BioLogic Company

Manufacturer location

USA

More information

<http://www.biologicco.com/products/hortscanmask.htm>

Scanmask Granular

Steinernema feltiae

Insecticide

Nematode

Label crops

unspecified crops

Target pests

Fungus gnat, Black vine weevil, Cutworm, Sod webworm, Root maggot, Crane fly, White grub

OECD registration

Sold with no registration required in: Canada, USA.

Manufacturer

BioLogic Company

Manufacturer location

USA

More information

<http://www.biologicco.com/products/hortscanmask.htm>

Scia-Rid

Steinernema feltiae

Insecticide

Nematode

Label crops

unspecified crops

Target pests

Larvae of Sciarid flies (Sciaridae)

OECD registration

Austria, Finland, Mexico, Norway, Sweden. CFIA approval in Canada. Sold with no registration required in: Germany, UK.

Manufacturer

Koppert

Manufacturer location

Netherlands

More information

http://www.koppert.nl/cgi-bin/x031.pl?ktrn_srcID=33&lang=e

Terranem

Heterorhabditis bacteriophora

Insecticide

Nematode

Label crops

unspecified crops

Target pests

Larvae of Curculionids (Otiorhynchus sulcatus, Hepialus lupulinus)

OECD registration

Austria, Denmark, Finland, USA (Michigan), Poland. CFIA approval in Canada. Sold with no registration required in: Czech Republic, Germany, Iceland, Slovak Republic

Manufacturer

Koppert

Manufacturer location

Netherlands

More information

http://www.koppert.nl/cgi-bin/x031.pl?ktrn_srcID=32&lang=e

Traunem

Steinernema feltiae

Insecticide

Nematode

Label crops

Young vegetables, Ornamental plants, Spicy herbs

Target pests

Sciarid larvae (Bradysia paupera)

OECD registration

Canada, Denmark, Norway, Netherlands, Sweden, UK, USA

Manufacturer

Andermatt Biocontrol AG

Manufacturer location

Switzerland

More information

<http://www.biocontrol.ch/>

NOLO bait

Nosema locustae

Insecticide

Protozoan

Label crops

Any crop

Target pests

Grasshopper, Mormon cricket

OECD registration

USA, registration pending in Canada

Manufacturer

M&R Durango

Manufacturer location

USA

More information

<http://www.biconet.com/biocontrol/noloinfo.html>

Semaspore bait

Nosema locustae

Insecticide

Protozoan

Label crops

All field crops

Target pests

Grasshopper, Black field cricket

OECD registration

USA

Manufacturer

Planet Natural

Manufacturer location

USA

More information

<http://www.planetnatural.com/biologicalpesticides.html>

Capex

Adoxophyes orana summer fruit granulosis virus

Insecticide

Virus

Label crops

Pipfruit

Target pests

Summer fruit tortrix (*Adoxophyes orana*)

OECD registration

Austria, Belgium, Germany, Greece, Italy, Spain, Switzerland

Manufacturer

Andermatt Biocontrol AG

Manufacturer location

Switzerland

More information

<http://www.biocontrol.ch/>

Capex 2

Adoxophyes orana summer fruit granulosis virus

Insecticide

Virus

Label crops

Pipfruit

Target pests

Summer fruit tortrix (*Adoxophyes orana*)

OECD registration

Germany

Manufacturer

Andermatt Biocontrol AG

Manufacturer location

Switzerland

More information

<http://www.biocontrol.ch/>

Carpovirusine

Cydia pomonella granulosus virus

Insecticide

Virus

Label crops

Walnut, Apple, Pear

Target pests

Codling moth (Cydia pomonella)

OECD registration

Western Europe (many countries), USA

Manufacturer

Natural Plant Protection / Arvesta

Manufacturer location

France

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=04991100003&DIST_NR=049911

CLV LC

Anagrapha falcifera nuclear polyhedrosis virus

Insecticide

Virus

Label crops

Cucumber, Pepper, Tomato, Broccoli, Cabbage, Cauliflower, Lettuce, Endive, Onion, Potato, Sweet potato, Corn, Asparagus, Alfalfa, Wheat, Tobacco, Bean, Beet, Celery, Sweet corn, Cotton, Peanut, Pea, Sugar Beet, Sunflower, Soybean, Saintpaulia, Carnation, Chrysanthemum, Cyclamen, Geranium, Gladiolus, Gypsophila, Gerbera, Azalea, Roes, Bouvardia

Target pests

Celery looper, Cotton bollworm, Tobacco budworm, Beet armyworm, Cabbage looper, Diamondback moth

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=07005100041&DIST_NR=070051

CYD-X

Cydia pomonella granulosis virus

Insecticide

Virus

Label crops

Anything susceptible to codling moth

Target pests

Codling moth (Cydia pomonella)

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

<http://www.certisusa.com/products/cyd-x/>

Gemstar LC

Occlusion bodies of *Spodoptera exigua* nuclear polyhedrosis virus

Insecticide

Virus

Label crops

Strawberry, Cucumber, Pepper (bell), Tomato, Broccoli, Cabbage, Cauliflower, Endive (escarole), Lettuce, Onion, Potato, Sweet potato, Corn (sweet, field), Okra, Asparagus, Alfalfa, Wheat, Tobacco, Bean, Beet, Celery, Cotton, Peanut, Pea, Sorghum, Sugar beet, Sunflower, Soybean, Ornamental flowering plants, Ornamental lawn borders

Target pests

Tobacco budworm, Cotton bollworm, Corn earworm, Tomato fruitworm

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

<http://www.certisusa.com/labels/pdf/gemstar.html>

Granupom

Cydia pomonella granulosus virus

Insecticide

Virus

Label crops

Apple tree, Pear tree

Target pests

Codling moth (Cydia pomonella)

OECD registration

Belgium

Manufacturer

BioBest Biological Systems

Manufacturer location

Belgium

More information

<http://www.biobest.be/>

Madex

Cydia pomonella granulosis virus

Insecticide

Virus

Label crops

Apple, Pear, Quince, Walnut, Apricot, Peach, Almond, Kakis, Medlar, Orange

Target pests

Codling moth (Cydia pomonella)

OECD registration

Austria, Denmark, Germany, Greece, Italy, Netherlands, New Zealand, Poland, Spain, Switzerland, Turkey

Manufacturer

Andermatt Biocontrol AG

Manufacturer location

Switzerland

More information

<http://www.biocontrol.ch/>

Madex 3

Cydia pomonella granulosis virus

Insecticide

Virus

Label crops

Apple, Pear, Quince, Walnut, Apricot, Peach, Almond, Kakis, Medlar, Orange

Target pests

Codling moth (Cydia pomonella)

OECD registration

Germany

Manufacturer

Andermatt Biocontrol AG

Manufacturer location

Switzerland

More information

<http://www.biocontrol.ch/>

Nutguard-V/Fruitguard-V

Plodia interpunctella granulosis virus

Insecticide

Virus

Label crops

Dried fruit (raisin, currant, prune, date, fig), In shell nuts, shelled nuts (almond, walnut, pistachio, tree nut, peanut), Crack and crevice treatment of processing, packaging, storage areas

Target pests

Indian meal moth (Plodia interpunctella)

OECD registration

USA

Manufacturer

AgriVir, LLC

Manufacturer location

USA

More information

<http://www.cardinalproproducts.com/fruitqua.htm>

Spod-X LC

Occlusion bodies of *Spodoptera exigua* nuclear polyhedrosis virus

Insecticide

Virus

Label crops

Cucumber, Pepper, Pepper (chili), Tomato, Broccoli, Cabbage, Cauliflower, Endive (escarole), Lettuce, Onion, Potato, Sweet potato, Corn (sweet), Pea (field), Asparagus, Alfalfa, Wheat, Tobacco, Bean, Beet, Celery, Cotton, Peanut, Pea, Sugar beet, Sunflower, Soybean, Saintpaulia, Carnation, Chrysanthemum, Cyclamen, Geranium, Gladiolus, Gypsophila, Gerbera, Azalea, Rose, Bouvardia

Target pests

Beet armyworm (*Spodoptera exigua*)

OECD registration

USA, unspecified countries

Manufacturer

Certis USA, LLC

Manufacturer location

USA

More information

<http://www.certisusa.com/labels/pdf/spodxlc.html>

TM Biocontrol-1

Orgyia pseudotsugata nuclear polyhedrosis virus

Insecticide

Virus

Label crops Forest land, Woodland, Ornamental

Target pests Douglas fir tussock moth

OECD registration USA

Manufacturer USDA Forest Service

Manufacturer location USA

More information <http://www.fs.fed.us/>

Virosoft

Cydia pomonella granulosus virus

Insecticide

Virus

Label crops

Apple, Pear, Plum, Prune, Walnut trees

Target pests

Codling moth (Cydia pomonella)

OECD registration

Canada, USA

Manufacturer

BioTepp

Manufacturer location

Canada/USA

More information

<http://www.acornorganic.org/acorn/pdf/26533.pdf>

Virtuss WP

Orgyia pseudotsugata nuclear polyhedrosis virus

Insecticide

Virus

Label crops

Forest, Woodland, Ornamental

Target pests

Douglas-fir tussock moth

OECD registration

Canada

Manufacturer

Terra Nostra

Manufacturer location

Canada

More information

<http://eddenet.pmra-arla.gc.ca/4.0/4.1.2.asp?regn=17786%2E00&page=1&uniqueid=8%2F16%2F2004+6%3A30%3A21+PM>

System 3 (Kodiak AT)

Bacillus subtilis GB03

Mixture with Inorganic - Fungicide

Bacterium

Label crops

Barley, Rice, Wheat, Bean, Corn, Cotton, Peanut, Pea, Sugar beet, Soybean

Target pests

Seed rot (Pythium, Rhizoctonia), Seedling rot (Pythium), Seedling diseases (Pythium), Seedling blight/rot (Rhizoctonia), Fusarium spp., Phytophthora spp., Covered smut (Ustilago)

OECD registration

USA

Manufacturer

Helena Chemical

Manufacturer location

USA

More information

<http://www.helenachemical.com/proprietary/products/seedtreatments/system3/system3.htm>

Britz Bt Sulfur Dust

Bacillus thuringiensis subsp. kurstaki SA-11

Mixture with Inorganic - Multi-spectrum - Fungicide/Insecticide

Bacterium

Label crops

Grape, Melon, Cucumber, Tomato, Broccoli, Cabbage, Cauliflower, Collard, Kale, Lettuce, Mustard greens, Spinach, Turnip, Potato, Tobacco, Celery

Target pests

Powdery mildew of grape (*Uncinula necator*), Cabbage looper, Imported cabbageworm, Grape leafroller, Hornworm, Omnivorous leafroller

OECD registration

USA

Manufacturer

Britz Fertilizers Inc.

Manufacturer location

USA

More information

http://www.britzfertilizers.com/images/Product_info/Frame%20set/FrameSet.htm

Bt 320 Sulfur 25 Dust

Bacillus thuringiensis subsp. kurstaki strain ABTS-351

Mixture with Inorganic - Multi-spectrum - Insecticide/Fungicide

Bacterium

Label crops	Broccoli, Cabbage, Collard, Kale, Mustard greens, Cauliflower, Cotton, Celery, Lettuce, Potato, Spinach, Sugar beet, Tomato, Turnip greens, Grape, Grape (California)
Target pests	Omnivorous leaf roller, Grape leaf folder, Powdery mildew, Cabbage looper, Imported cabbageworm, Two-spotted mite, Pacific mite, Strawberry mite, Tomato hornworm
OECD registration	USA
Manufacturer	Wilbur Ellis Company
Manufacturer location	USA
More information	http://www.wilbur-ellis.com/WC/product_page.htm

Bt 320 Sulfur 50 Dust

Bacillus thuringiensis subsp. kurstaki

Mixture with Inorganic - Multi-spectrum - Insecticide/Fungicide

Bacterium

Label crops

Broccoli, Cabbage, Collard, Kale, Mustard greens, Cauliflower, Cotton, Celery, Lettuce, Potato, Spinach, Sugar beet, Tomato, Turnip greens, Grape, Grape (California)

Target pests

Omnivorous leaf roller, Grape leaf folder, Powdery mildew, Cabbage looper, Imported cabbageworm, Two-spotted mite, Pacific mite, Strawberry mite, Tomato hornworm

OECD registration

USA

Manufacturer

Wilbur Ellis Company

Manufacturer location

USA

More information

http://www.wilbur-ellis.com/WC/product_page.htm

Bt Sulfur 15-50 Dust

Bacillus thuringiensis San Diego

Mixture with Inorganic - Multi-spectrum - Insecticide/Fungicide

Bacterium

Label crops

Grape, Strawberry, Orange, Tomato, Broccoli, Cabbage, Cauliflower, Collard, Kale, Lettuce, Mustard greens, Spinach, Turnip, Potato, Alfalfa, Celery, Cotton

Target pests

Early blight, Early blight of celery, Late blight, Late blight of celery, Septoria apii, Powdery mildew (Erysiphe cichoracearum, Erysiphe/Oidium, Sphaerotheca), Powdery mildew of grape (Uncinula necator), Rust of grape (Physopella ampelopsidis), Rust (Puccinia, Uromyces), Cotton rust (Puccinia), Roughskinned cutworm, Cabbage looper, Orangedog, Alfalfa caterpillar, Imported cabbageworm, Grape leafroller, Tomato hornworm, Fruittree leafroller, Omnivorous leafroller, Diamondback moth

OECD registration

USA

Manufacturer

Loveland Products Inc.

Manufacturer location

USA

More information

<http://www.cdms.net/ldat/ld909001.pdf>

Agri-Mycin 17

Streptomycin sulfate

Multi-spectrum - Fungicide/Bactericide

Bacterium

Label crops

Celery, Philodendron, Tomato, Pepper, Dieffenbachia cuttings, Chrysanthemum, Rose, Pear, Apple, Potato, Tobacco

Target pests

Fireblight, Bacterial blight, Bacterial leaf rot, Bacterial spot, Bacterial wilt, Crown gall in roses, Soft rot, Blackleg, Wildfire, Blue mold

OECD registration

USA

Manufacturer

Nu Farm Inc.

Manufacturer location

USA

More information

<http://www.cdms.net/ldat/ld315002.pdf>

QST 713 Technical

Bacillus subtilis strain QST 713

Multi-spectrum - Fungicide/Bactericide

Bacterium

Label crops

Grape, Walnut, Apple, Pear, Cherry, Hops, Cucurbit, Pepper, Tomato, Leafy vegetables, Broccoli, Carrot, Garlic, Onion, Ornamental flowering plants (annual, perennial), Ornamental foliage plants, Alyssum, Aster, Begonia, Calla lily, Chrysanthemum, Cyclamen, Dianthus, Dieffenbachia, Dracaena, Easter lily, Impatiens, Geranium, Lobelia, Marigold, Orchid, Pansy, Petunia, Phlox, Poinsettia, Ranunculus, Portulaca, Salvia, Snapdragon, Spathiphyllum, Stock, Gerbera, Verbena, Zinnia, Kalanchoe, Viola, Ornamental woody shrubs, Azalea, Boxwood, Crape myrtle, English Ivy, Hibiscus, Holly, Hydrangea, Indian hawthorn, Lilac, Vinca, Photinia, Rhododendron, Rose, Spirea, Ornamental trees, Dogwood, Japanese maple

Target pests

Pseudomonas spp., Anthracnose (Colletotrichum), Walnut blight (Xanthomonas), Early blight (Alternaria), Fire blight (Erwinia), Late blight (Phytophthora), Leaf blight (Botrytis), Bacterial blight (Xanthomonas), Bacterial leaf blight (Xanthomonas), Purple blotch (Alternaria), Scab (Venturia), Black mold (Alternaria), Downy mildew (Bremia lactucae, Peronospora, Peronospora destructor, Plasmopara), Powdery mildew (Erysiphe spp. E. cichoracearum, Leveillula, Oidiopsis, Podosphaera leucotricha, Sphaerotheca, Uncinula necator), Gray mold (Botrytis), Black crown rot (Alternaria radicina), Black root (Alternaria), Sclerotinia drop, Neck rot (Botrytis), Rust (Puccinia), Botrytis spp., Erwinia spp., Black spot of rose (Diplocarpon rosae), Leaf spot (Alternaria, Cercospora, Entomosporium, Helminthosporium, Myrothecium, Septoria), Bacterial speck of tomato (Pseudomonas), Bacterial spot (Xanthomonas), Bacteria (unspecified)

OECD registration

USA

Manufacturer

Agraquest Inc.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=06959200010&DIST_NR=069592

Rhapsody AS

Bacillus subtilis strain QST 713

Multi-spectrum - Fungicide/Bactericide

Bacterium

Label crops

Grape, Walnut, Apple, Pear, Cherry, Cucurbit, Pepper, Tomato, Leafy vegetables, Broccoli, Carrot, Garlic, Onion, Ornamental flowering plants

Target pests

Pseudomonas spp., Anthracnose (Colletotrichum), Walnut blight (Xanthomonas), Early blight (Alternaria), Fire blight (Erwinia), Late blight (Phytophthora), Leaf blight (Botrytis), Bacterial blight (Xanthomonas), Bacterial leaf blight (Xanthomonas), Purple blotch (Alternaria), Scab (Venturia), Black mold (Alternaria), Downy mildew (Bremia lactucae, Peronospora, Plasmopara), Downy mildew of onions (Peronospora destructor), Powdery mildew (Erysiphe spp., E. cichoracearum, Leveillula, Oidiopsis, Podosphaera leucotricha, Sphaerotheca, Uncinula necator), Gray mold (Botrytis), Black crown rot (Alternaria radicina), Black root (Alternaria), Sclerotinia drop, Neck rot (Botrytis), Rust (Puccinia), Botrytis spp., Erwinia spp., Black spot of rose (Diplocarpon rosae), Leaf spot (Alternaria, Cercospora, Entomosporium, Helminthosporium, Myrothecium, Leptoria), Bacterial speck of tomato (Pseudomonas), Bacterial spot (Xanthomonas), Bacteria (unspecified)

OECD registration

USA

Manufacturer

Agraquest Inc.

Manufacturer location

USA

More information

<http://www.agraquest.com/products/rhapsody/index.html>

Rhizo-Plus

Bacillus subtilis FZB24

Multi-spectrum - Fungicide/Bactericide

Bacterium

Label crops

Potato, Corn, Vegetables, Ornamental plants

Target pests

Rhizoctonia solani, Fusarium spp., Alternaria spp., Sclerotinia, Verticillium, Streptomyces scabies

OECD registration

Austria, Germany, Switzerland, US

Manufacturer

FZB Biotechnik GmbH

Manufacturer location

Germany

More information

http://www.fzb-biotechnik.de/html/rhizo_plus_.html

Serenade

Bacillus subtilis strain QST 713

Multi-spectrum - Fungicide/Bactericide

Bacterium

Label crops

Blueberry, Grape, Walnut, Apple, Pear, Cherry, Hops, Cucurbit, Pepper, Tomato, Leafy vegetables, Broccoli, Carrot, Garlic, Onion, Potato, Bean (snap), Mint, Peanut

Target pests

Walnut blight (*Xanthomonas*), Early blight (*Alternaria*), Fire blight (*Erwinia*), Late blight (*Phytophthora*), Leaf blight (*Botrytis*), Bacterial leaf blight (*Xanthomonas*), Purple blotch (*Alternaria*), Scab (*Venturia*), Downy mildew (*Bremia lactucae*, *Peronospora*, *Peronospora destructor*, *Plasmopara viticola*), Powdery mildew (*Erysiphe*, *Leveillula*, *Oidiopsis*, *Podosphaera*, *Podosphaera leucotricha*, *Sphaerotheca*, *Sphaerotheca macularis*, *Uncinula necator*, *Botrytis*), White mold (*Sclerotinia sclerotiorum*), Black crown rot (*Alternaria radicina*), Black root (*Alternaria*), Sclerotinia drop, Mummy berry (*monilinia/sclerotinia*), Neck rot (*Botrytis*), Sour rot (*Geotrichum candidum*, *Oospora lactis*), Black rot (*Xanthomonas*), Rust (*Puccinia*), Bean rust (*Uromyces*), *Alternaria* spp., Early leaf spot of peanut (*Cercospora arachidicola*), Late leaf spot (*Cercosporidium*), Bacterial spot (*Xanthomonas*)

OECD registration

Japan (grapes, tomatoes, cucurbits), Mexico (tomato), New Zealand (grapes), USA, Italy, France, Turkey,

Manufacturer

Agraquest Inc.

Manufacturer location

USA

More information

<http://www.agraquest.com/products/serenade/index.html>

Serenade Garden RTU

Bacillus subtilis strain QST 713

Multi-spectrum - Fungicide/Bactericide

Bacterium

Label crops

Nut crops, Walnut, Apple, Pear, Melon, Pepper, Tomato, Broccoli, Lettuce, Carrot, Onion, Vegetable crops, Fruit, Ornamental flowering plants (annual, perennial), Ornamental foliage plants, Ornamental woody shrubs, Rose, Ornamental trees

Target pests

Anthraxnose (Colletotrichum), Walnut blight (Xanthomonas), Early blight (Alternaria), Fire blight (Erwinia), Late blight (Phytophthora), Bacterial leaf blight (Xanthomonas), Scab (Venturia), Downy mildew (Peronospora), Powdery mildew (Erysiphe, Leveillula, Oidiopsis, Podosphaera leucotricha, Sphaerotheca, Uncinula necator), Gray mold (Botrytis), Black crown rot (Alternaria radicina), Neck rot (Botrytis), Rust (Phragmidium, Puccinia), Botrytis spp., Erwinia spp., Black spot of rose (Diplocarpon rosae), Leaf spot (Alternaria, Cercospora, Entomosporium, Helminthosporium, Myrothecium, Septoria), Bacterial speck of tomato (Pseudomonas), Bacterial spot (Xanthomonas)

OECD registration

USA

Manufacturer

Agraquest Inc.

Manufacturer location

USA

More information

http://www.agraquest.com/products/serenadegarden/Pdfs/Serenade-garden_label.pdf

Serenade WP

Bacillus subtilis strain QST 713

Multi-spectrum - Fungicide/Bactericide

Bacterium

Label crops

Grape, Walnut, Apple, Pear, Cherry, Hops, Cucurbit, Tomato, Leafy vegetables, Potato, Peanut

Target pests

Walnut blight (*Xanthomonas*), Early blight (*Alternaria*), Fire blight (*Erwinia*), Late blight (*Phytophthora*), Scab (*Venturia*), Downy mildew (*Bremia lactucae*), Downy mildew (*Peronospora*), Downy mildew of grape (*Plasmopara viticola*), Powdery mildew (*Erysiphe*), Powdery mildew (*Leveillula*), Powdery mildew (*Podosphaera*), Powdery mildew (*Podosphaera leucotricha*), Powdery mildew (*Sphaerotheca*), Powdery mildew (*Sphaerotheca macularis*), Powdery mildew of grape (*Uncinula necator*), Gray mold rot (*Botrytis cinerea*), Sour rot (*Geotrichum candidum*), Sour rot (*Oospora lactis*), Early leaf spot of peanut (*Cercospora arachidicola*), Bacterial spot (*Xanthomonas*)

OECD registration

Japan, Mexico, New Zealand, Switzerland

Manufacturer

Agraquest Inc.

Manufacturer location

USA

More information

http://www.pesticideinfo.org/Detail_Product.jsp?REG_NR=06959200008&DIST_NR=069592

Messenger

Erwinia amylovora HrpN harpin protein

Multi-spectrum - Fungicide/Bactericide/Nematicide/Insecticide

Bacterium product

Label crops

Blackberry, Boysenberry, Raspberry, Blueberry, Cranberry, Currant, Grape, Strawberry, Citrus, Grapefruit, Lemon, Lime, Orange, Tangelo, Tangerine, Pummelo, Nut crop, Almond, Filbert, Macadamia nut, Pecan, Walnut, Pistachio nut, Apple, Pear, Stone fruit, Cherry, Nectarine, Peach, Plum, Prune, Banana, Fig, Mango, Papaya, Pineapple, Kiwi, Coffee, Herb, Hops, Cucurbit, Melon, Cucumber, Squash, Eggplant, Pepper, Tomato, Leafy vegetables, Cole crop, Broccoli, Cabbage, Cauliflower, Chinese cabbage, Artichoke, Lettuce, Spinach, Chard, Root crop vegetables, Carrot, Taro, Garlic, Onion, Parsnip, Potato, Radish, Rutabaga, Sweet potato, Yam, Bean, Corn, Pea, Lentil, Asparagus, Onion, Grasses, Wheatgrass, Fescue, Orchardgrass, Timothy, Brome grasses, Alfalfa, Barley, Oat, Rice, Rye, Wheat, Small grains, Sugarcane, Tobacco, Ginseng, Oil crops, Spearmint, Peppermint, Safflower, Sesame, Sunflower, Rapeseed, Canola, Jojoba, Avocado, Beet, Celery, Cotton, Flax, Olive, Peanut, Sorghum, Turnip, Soybean, Legume, Forage crops, Vine fruit, Ornamental flowering plants, Ornamental foliage plants, Aloe, Ornamental plants, Ornamental turf, Bluegrass, Fescue, Ryegrass, Rose, Ornamental trees

Target pests

Fire blight (Erwinia), Sheath blight (Rhizoctonia), Bacterial leaf blight (Xanthomonas), Citrus scab (Esinoe fawcetti), Apple scab (Venturia inaequalis), Blue mold (Peronospora tabacina), Fusarium wilt, Granville wilt (Bacterial wilt, Pseudomonas solanacearum), Botrytis gray mold (B. cinerea), Botrytis bunch rot, Gray mold rot of fruit (Botrytis cinerea), Black rot of grapes (Guignardia bidwellii), Root rot (Phytophthora), Stem rot (Sclerotium), Plant disease organisms, Black spot of rose (Diplocarpon rosae), Brown spot (Alternaria), Greasy spot (Mycosphaerella citri/Cercospora citrigrisea), Leaf spot (Cercospora), Bacterial speck of tomato (Pseudomonas), Leaf spot (Cercosporidium), Bacterial leaf spot (Xanthomonas), Cucumber mosaic virus, Tobacco mosaic virus, Insects, Cyst nematode, Tobacco, Root-knot nematode, Plant regulator (root stimulant), Plant regulator (increase yield, Plant regulator, Growth enhancer)

OECD registration

Mexico, Spain, USA. Approved in Germany. Exempt from registration in Finland.

Manufacturer

Eden Bioscience

Manufacturer location

USA

More information

<http://www.edenbio.com/usa/agriproducts/?m=1&sm=1>

Gnat Not

Steinernema feltiae

Multi-spectrum - Insecticide/Nematicide

Nematode

Label crops

unspecified crops

Target pests

Humpbacked fly, Cabbage maggot, White grubs, Fungus gnat, Cucumber beetle, Beet armyworm, Fruit fly, Shore fly, Onion maggot, Leaf miner, Black cutworm, Tobacco cutworm, Raspberry crown borer, Subterranean termite, Root knot nematode

OECD registration

Does not require registration. Sold in USA, Canada (limited distribution), unspecified countries

Manufacturer

Integrated Biocontrol Systems

Manufacturer location

USA

More information

<http://www.goodbug-shop.com/gnatnot.htm>

BioAct WG

Paecilomyces lilacinus

Nematicide

Fungus

Label crops

Banana, Black pepper, Citrus, Coffee, Cotton, Okra, Papaya, Peanut, Pineapple, Potato, Ramie, Strawberry, Sugarcane, Tea, Tobacco, Tomato, Legumes, Vegetable crops, Ornamental plants

Target pests

Burrowing nematode (*Radopholus similis*), Potato Cyst nematode (*Globodera rostochiensis*), Root knot nematode (*Meloidogyne* spp.), Root lesion nematode (*Pratylenchus* spp.), Cyst nematode (*Heterodera* spp.), Reniform nematode (*Rotylenchulus reniformis*), Citrus nematode (*Tylenchulus semipenetrans*)

OECD registration

Registration pending in France, Italy, Japan, Spain, USA

Manufacturer

Prophyta Biologischer Pflanzenschutz GmbH

Manufacturer location

Germany

More information

http://www.prophyta.de/englisch/pdf/BioAct_Product_Information.pdf

Ditera DF

Myrothecium verrucaria strain AARC-0255

Nematicide

Fungus

Label crops

Citrus fruit (sweet orange, lemon, grapefruit), Flowering, Bedding plants, Ornamentals (fern, hosta), Leafy vegetables, Cole crops (celery, head and leaf lettuce, spinach, broccoli, cabbage), Stone fruit (peach, plum, prune), Tree nuts (almond, pecan, walnut), Grape, Pineapple

Target pests

Root-knot nematode (*Meloidogyne* spp.), Cyst nematode (*Globodera* spp., *Heterodera* spp.), Lesion nematode (*Pratylenchus* spp.), Citrus nematode (*Tylenchulus semipenetrans*), Stubby-root nematode (*Trichodorus* spp.), Needle nematode (*Longidorus* spp.), Pin nematode (*Paratylenchus* spp.), Reniform nematode (*Rotylenchulus* spp.), Dagger nematode (*Xiphinema* spp.), Sting nematode (*Belonolaimus* spp.), Ring nematode (*Criconemoides* spp., *Criconemella* spp.), Stunt nematode (*Tylenchorhynchus* spp.), Lance nematode (*Hopoloaimus* spp.), Spiral nematode (*Rotylenchus* spp., *Helicotylenchus* spp.), Burrowing nematode (*Radopholus* spp.)

OECD registration

USA, unspecified countries

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA

More information

<http://www.cppress.com/docs/label/L71779.pdf>

Ditera ES

Myrothecium verrucaria strain AARC-0255

Nematicide

Fungus

Label crops

Citrus fruit (sweet orange, lemon, grapefruit), Flowering, Bedding plants, Ornamentals (fern, hosta), Leafy vegetables, Cole crops (celery, head and leaf lettuce, spinach, broccoli, cabbage), Stone fruit (peach, plum, prune), Tree nuts (almond, pecan, walnut), Grape, Pineapple

Target pests

Root-knot nematode (*Meloidogyne* spp.), Cyst nematode (*Globodera* spp., *Heterodera* spp.), Lesion nematode (*Pratylenchus* spp.), Citrus nematode (*Tylenchulus semipenetrans*), Stubby-root nematode (*Trichodorus* spp.), Needle nematode (*Longidorus* spp.), Pin nematode (*Paratylenchus* spp.), Reniform nematode (*Rotylenchulus* spp.), Dagger nematode (*Xiphinema* spp.), Sting nematode (*Belonolaimus* spp.), Ring nematode (*Criconemoides* spp., *Criconemella* spp.), Stunt nematode (*Tylenchorhynchus* spp.), Lance nematode (*Hopoloaimus* spp.), Spiral nematode (*Rotylenchus* spp., *Helicotylenchus* spp.), Burrowing nematode (*Radopholus* spp.)

OECD registration

USA, unspecified countries

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA

More information

http://www.valentbiosciences.com/agricultural_products/agricultural_products_13.asp

Ditera WDG

Myrothecium verrucaria strain AARC-0255

Nematicide

Fungus

Label crops

Flowering, Bedding plants, Ornamentals, Turf

Target pests

Root-knot nematode (*Meloidogyne* spp.), Cyst nematode (*Globodera* spp., *Heterodera* spp.), Lesion nematode (*Pratylenchus* spp.), Citrus nematode (*Tylenchulus semipenetrans*), Stubby-root nematode (*Trichodorus* spp.), Needle nematode (*Longidorus* spp.), Pin nematode (*Paratylenchus* spp.), Reniform nematode (*Rotylenchulus* spp.), Dagger nematode (*Xiphinema* spp.), Sting nematode (*Belonolaimus* spp.), Ring nematode (*Criconemoides* spp., *Criconemella* spp.), Stunt nematode (*Tylenchorhynchus* spp.), Lance nematode (*Hopoloaimus* spp.), Spiral nematode (*Rotylenchus* spp., *Helicotylenchus* spp.), Burrowing nematode (*Radopholus* spp.)

OECD registration

USA, unspecified countries

Manufacturer

Valent Biosciences Corp.

Manufacturer location

USA

More information

http://www.valentbiosciences.com/agricultural_products/agricultural_products_13.asp

List of Manufacturers Appearing in this Directory

Company	Address	Phone Number	Fax	World Wide Web (www. or http://)
AEF Global Inc.	201 Mgr-Bourget, Levis, Quebec, Canada G6V 9V6	418-838-4441	418-835-2112	aefglobal.com
AgBioChem Inc.	3 Fleetwood Court, Orinda, California, USA 94563	925-254-0789	925-254-0186	agbiochem@msn.com (email)
AgBioResearch Ltd.	25 McPherson Street, Richmond 7031, New Zealand	025-393340	03-544-2364	agbioresearch@xtra.co.nz (email)
Agraquest Inc	1530 Drew Avenue Davis, CA 95616	1-800-962-8980		agraquest.com
Ag Grimm Technologies Ltd.	PO Box 13245, Christchurch, New Zealand	64-3-366-8671	64-3-365-1859	info@tricho.com (email)
AgriVir, LLC	Suite 208, 7700 Leesburg Pike Falls Church, Virginia, USA 22043	703-821-3646	703-821-2299	agrivir.com
AMC Chemical/Trichodex	Pol. Ind. La Isla. Avd. Río Viejo, 44 - 45 y Parcela R-17 41700 Dos hermanas (Seville) Spain	(34) 954 930 942	(34) 954 930 899	amcchemical.com
American Agritech	Suite 103, 5325 S. Kyrene Rd., Tempe, Arizona, USA 85283	877-753-0404	480-777-2015	americanagritech.com
Andermatt Biogarten	Stahlermatten 6, Grossdietwil, Lucerne, 6146, Switzerland	41-62-917-50-00	41-62-917-50-01	sales@biogarten.ch (email)
Arizona Cotton Research and Protection Council	3721 E. Wier Ave., Phoenix, Arizona, USA 85040-2933	602-438-0059	602-438-0407	azcotton.com

List of Manufacturers (con'd)

Company	Address	Phone Number	Fax	World Wide Web (www. or http://)
Arvesta	100 First Street, Suite 1700, San Francisco, California, USA 94105	415-536-3480		arvesta.com
Becker Microbial Products Inc.	5786 N. W, 119th Dr., Coral Springs, Florida, USA 33076	954-345-9321	954-345-9318	tcouch@gate.net (email)
Becker Underwood Inc.	801 Dayton Avenue, Ames, Iowa, USA, 50010	515-232-5907	515-232-5961	beckerunderwood.com
Binab Bio-Innovation EFTR AB	Florettgatan 5, SE-254 67 Helsingborg	46-42-16-37-04	46-42-16-24-97	algonet.se/~binab
BioAgri AB	PO Box 914, Dag Hammarskjolds vag 180 SE-751 09 Uppsala, Sweden	46-(0)18-67-49-00	46-(0)18-67-49-01	bioagri.se
BioBest Biological Systems	Ilse Velden 18, B-2260 Westerlo Belgium	32-14-25-79-80	32-14-25-79-82	biobest.be
BioLogic Company	PO Box 177, Willow Hill, Pennsylvania, USA 17271	717-349-2789	801-912-7137	biologicco.com
Biological Control Products/LUBILOSA	08 B.P. 0932 Tri Postal, Cotonou, Benin	229-350188	229-350556	lubilosa.org
Biopreparaty	spol. s r.o. Tylišovská 1 160 00 Praha 6	233 321 217	233 321 217	biopreparaty.cz
BioTepp	895 Chemin Benoit, Mont-St-Hilarie, Quebec, Canada J3G 4S6	418-659-4446	418-786-2031	biotepp.com

List of Manufacturers (con'd)

Company	Address	Phone Number	Fax	World Wide Web (www. or http://)
Bioved Ltd.	Ady Endre u. 10, 2310, Szigetszentmiklos, Hungary	36-24-441-554	36-24-441-554	bioved.hu
BioWorks Inc.	345 Woodcliff Dr. 1st Floor, Fairport, New York, USA 14450	585-641-0581	800-903-2377 or 585-641-0584 (US)	bioworksinc.com
Bonide Products Inc.	6301 Sutliff Rd, Oriskany, New York, USA 13424	315-736-8231	315-736-7582	bonide.com
Borregaard Bioplant	Helsingfordgade 27B, DK-8200 Arhus N	45-8678-6988	45-8678-6922	bioplant.dk
Britz Fertilizers Inc.	7707 S.Jack Tone Rd., Stockton, California, USA 95215	209-461-6565	209-461-6569	britzfertilizers.com
BioWorks Inc.	345 Woodcliff Dr. 1st Floor, Fairport, New York, USA 14450	585-641-0581	800-903-2377 or 585-641-0584 (US)	bioworksinc.com
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Britz Fertilizers Inc.	7707 S.Jack Tone Rd., Stockton, California, USA 95215	209-461-6565	209-461-6569	britzfertilizers.com
Cape Fear Chemicals Inc.	PO Box 695, Elizabeth town, North Carolina, USA 28337	910-862-3139		
Certis USA, LLC	9145 Guilford Road, Suite 175, Columbia, Maryland, USA 21046	800-847-5620	301-604-7030	certisusa.com

List of Manufacturers (con'd)

Company	Address	Phone Number	Fax	World Wide Web (www. or http://)
Emerald Bioagriculture Corp.	3125 Spovereign Dr. Suite B, Lansing, Michigan, USA 48911-4240	517-882-7370	517-882-7560	emeraldbio.com
FZB Biotechnik	Glienicker way 18512486, Berlin, Germany	49-0-30-670-570	49-0-30-670-572-33	fzb-biotechnik
Green Biotech Corporation, Ltd.	45-70 Yadang-ri, Gyoha-Eup Paju Kyungki-Do, South Korea 413-830	82-31-946-5614	82-31-946-5615	greenfarmer.com
Green Light Company	10511 Wetmore, San Antonio, Texas, USA 78216	210-494-3481	210-494-5224	greenlightco.com
Growth Products Ltd.	PO Box 1252, White Plains, New York, USA 10602	800-648-7626 or 914-428-1316	914-428-2780	growthproducts.com
Gustafson LLC	1400 Preston Road Suite 400, Piano, Texas, USA 75093	972-985-8877 or 800-248-6907	972-985-1696	gustafson.com
Helena Chemical	225 Schilling Blvd. Collierville, TN 38017			helenachemical.com
Integrated Biocontrol Systems	PO Box 96, Aurora, Indiana, USA 47001	812-537-8674 or 812-537-6652	812-537-8644	nematodary.com
Jet Harvest Solutions	PO Box 915139, Longwood, Florida, USA 32791-5139	877-866-5773 or 407-523-7842	407-298-2377	bio-save.com
Koppert	Ironside Cresent #2 50, Scarborough, Ontario, Canada M1X 1G4	416-291-0040	416-291-0902	koppert.nl
Koppert	Veilingweg 17, Postbus 155, 2650 AD, Berkel en Rodenrijs, Netherlands	010-514-04-44	010-511-52-03	koppert.nl

List of Manufacturers (con'd)

Company	Address	Phone Number	Fax	World Wide Web (www. or http://)
Loveland Products, Inc.	789 Donnybrook Dr., Dorchester, Ontario N0L 1G5	519-268-8001	519-268-8013	uap.ca
Laverlam	Cali, Carrera 5 No. 47-165 Columbia	(572) 447 4411	(572) 447 4409	laverlam.com.co
M&R Durango	PO Box 886, Bayfield, Colorado, USA 81122	970-259-3521	970-259-3857	goodbug.com
Makhteshim	Unit 16, Thatcham Business Village, Colthrop Way, Thatcham, Berkshire RG19 4LW	01635-860-555	01635-861-555	mauk.co.uk
MicroFlo Company	530 Oak Court Drive, Suite 100, Memphis, Tennessee, USA 38117	800-451-8461	901-432-5100	microflocompany.com
Natural Industries Inc.	6223 Theall Rd, Houston, Texas, USA 77066	281-580-1643	281-580-4163	naturalindustries.com
Natural Plant Protection S.A.	Route d'Artix, B.P. 80, 64150 Nogueres, France	+33-5-5960-9292	+33-5 5960-9298	n.p.p@wanadoo.fr (e-mail)
Novozymes Biologicals, Inc.	Krogshoejvej 36 2880, Bagsvaerd, Denmark	45-88-24-99-99	45-88-24-99-98	novozymes.com
Nu Farm Inc.	103-105 Pipe Road, Laverton, North Vic 3026, Australia	61-3-9282-1000	61-3-9282-1111	nufarm.com
Planet Natural	1612 Gold Ave., Bozeman, Montana, USA 59715	406-587-5891 or 800-289-6656	406-587-0223	planetnatural.com

List of Manufacturers (con'd)

Company	Address	Phone Number	Fax	World Wide Web (www. or http://)
Plant Production Institute	Bratislavsk cesta 122, 921 68, Piestany, Slovak Republic	838-223-11-12	838-263-06	
Plant Products Co Ltd	314 Orenda Rd, Brampton, Ontario, Canada L6T 1G1	905-793-7000 or 800-387-2449	905-793-9157	plantprod.com
Plato Industries	2020 holmes rd Houston, TX 77045	713-797-0406		
Premier Horticulture, Inc.	Premier Ave., Riviere-du-Loup, Quebec, Canada G5R 6C1	418-862-6356	418-862-6685	premierhort.com
Prophyta Biologischer Pflanzenschutz GmbH	Inselstasee 12 D-23999 Malchow, Poel, Germany	49-0-38425-23-0	49-0-68425-2323	prophyta.de
Southern Agricultural Insecticides, Inc.	PO Box 429, Hendersonville, North Carolina, USA 28793	828-692-2233	828-693-7554	southernag.com
St Gabrielle Laboratories	14044 Litchfield Dr., Orange, Virginia, USA 22960	540-672-0866	540-672-0052	milkyspore.com
Sylvan Bioproducts Inc.	333 Main Street, PO Box 249, Saxonburg, Pennsylvania, USA 16056	724-352-7520 or 866-352-7520	724-352-7550	sylvaninc.com
Terra Nostra	2160 de la montagne Suite 720, Montreal, Quebec, Canada H3G 2T3	514-845-7756	514-845-0883	tnrgroup.com
Prophyta Biologischer Pflanzenschutz GmbH	Inselstasee 12 D-23999 Malchow, Poel, Germany	49-0-38425-23-0	49-0-68425-2323	prophyta.de

List of Manufacturers (con'd)

Company	Address	Phone Number	Fax	World Wide Web (www. or http://)
Southern Agricultural Insecticides, Inc.	PO Box 429, Hendersonville, North Carolina, USA 28793	828-692-2233	828-693-7554	southernag.com
St Gabrielle Laboratories	14044 Litchfield Dr., Orange, Virginia, USA 22960	540-672-0866	540-672-0052	milkyspore.com
Sylvan Bioproducts Inc.	333 Main Street, PO Box 249, Saxonburg, Pennsylvania, USA 16056	724-352-7520 or 866-352-7520	724-352-7550	sylvaninc.com
Terra Nostra	2160 de la montagne Suite 720, Montreal, Quebec, Canada H3G 2T3	514-845-7756	514-845-0883	tnrgroup.com
Troy Biosciences Inc.	113 S. 47th Ave., Phoenix, Arizona, USA 85043	602-233-9047	602-272-4155	troybiosciences.com
Turf Science Laboratories Inc.	2121 Hoover Ave., National City, California, USA 91950	619-474-8457	619-477-5630	
United Agri-Products	7251 W 4th Street, Greeley, Colorado, USA 80634	970-356-4400	970-347-1560	uap.com
USDA Forest Service	1400 Independence Ave SW, Washington, D.C., USA 20250	202-205-8333		fs.fed.us
Valent Biosciences Corp.	1333 N. California Blvd. #600, Walnut Creek, California, USA 94596-8025	800-682-5368		valentbiosciences.com
Verdera Oy	PO Box 1, Riihitontuntie 14 A, Finland 02201 ESPOO	358-0-10-217-3713	358-0-10-217-3711	verdera.fi
Voluntary Purchasing Group Inc.	PO Box 460, Bonham, Texas, USA 75418	903-583-5501		

List of Manufacturers (con'd)

Company	Address	Phone Number	Fax	World Wide Web (www. or http://)
Wilbur-Ellis Co.	345 California Street, 27th Floor, San Francisco, California, USA 94104	415-772-4000	415-772-4011	wilbur-ellis.com
Woodstream Corporation	69 N. Locust St., Lititz, Pennsylvania, USA 17543	800-800-1819	717-626-1912	woodstreamcorp.com