



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460**

**OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION**

April 28, 2020

Ms. Amy Plato Roberts
Senior Regulatory Manager
Danstar Ferment AG / Lallemand Plant Care
PO Box 990
Hailey, Idaho 83333

Subject: Labeling Notification per Pesticide Registration Notice (PRN) 98-10 – to Update EPA Reg. No., Company Name and Address, and Warranty
Product Name: Naturalis L
EPA Registration Number: 64137-16
Application Date: March 13, 2020
OPP Decision Number: 561956

Dear Ms. Roberts:

The U.S. Environmental Protection Agency (EPA) is in receipt of your application for notification under Pesticide Registration Notice (PRN) 98-10 for the above referenced product. The Biopesticides and Pollution Prevention Division (BPPD) has conducted a review of this request for its applicability under PRN 98-10 and finds that the action requested falls within the scope of PRN 98-10.

The labeling submitted with this application has been stamped “Notification” and will be placed in our records. You must submit one (1) copy of the final printed labeling with the modifications.

Should you wish to add/retain a reference to your company’s website on your label, then please be aware that the website becomes labeling under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and is subject to review by the EPA. If the website is false or misleading, the product will be considered to be misbranded and sale or distribution of the product is unlawful under FIFRA section 12(a)(1)(E). 40 CFR § 156.10(a)(5) lists examples of statements the EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product’s label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the EPA find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA-approved registration, the website will be referred to the EPA’s Office of Enforcement and Compliance Assurance.

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If you have any questions, please contact Susanne Cerrelli of my team by phone at (703) 308-8077 or via email at cerrelli.susanne@epa.gov.

Sincerely,

A handwritten signature in cursive script that reads "Susanne Cerrelli".

Susanne Cerrelli, Risk Manager
Microbial Pesticides Branch
Biopesticides and Pollution
Prevention Division (7511P)
Office of Pesticide Programs

Enclosure

MASTER LABEL

Naturalis L® Biological Insecticide
(Alternate Brand Name: Naturalis® L – Home and Garden)

Sublabel A: Agricultural/Commercial Use
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Sublabel B: Residential Use

EPA Registration No. 64137-16

NOTIFICATION

64137-16

The applicant has certified that no changes, other than those reported to the Agency have been made to the labeling. The Agency acknowledges this notification by letter dated:

04/28/2020

Sublabel A: Agricultural/Commercial Use

Naturalis L® Biological Insecticide

(Alternate Brand Name: Naturalis® L – Home and Garden)

Biological insecticide for use on field crops; vegetables; and fruit, nut & vine crops, turf grasses and ornamentals. Including golf courses, home lawns, athletic fields, sod farms, nurseries, greenhouses, landscape plantings and all other areas where turf grasses and ornamentals are grown.

Active Ingredient: *Beauveria bassiana* ATCC 74040* 7.16%
Other Ingredients: 92.84%
Total: 100.00%

* Contains not less than 2.3×10^7 viable spores per milliliter of product.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

SHAKE WELL BEFORE USING

See additional precautionary statements and first aid statements on back panel.

(Patent Nos. 5,413,784 and 5,516,513)

EPA Reg. No.: 64137-16
Net Contents: XX
(Batch)(Lot) No: XXXX
(Not for Sale or Use After: _____)

EPA Est. No.: XXXXX-XX-XXX

Manufactured for:
Danstar Ferment AG / LALLEMAND PLANT CARE
Poststrasse 30
Zug CH-6300 Switzerland

Marketing Company:
Lallemand Specialties Inc. / LALLEMAND PLANT CARE
6120 West Douglas Avenue
Milwaukee, WI 53218 United States
www.lallemandplantcare.com



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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION: Harmful if inhaled. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. This is a potential sensitizing agent via inhalation. Spray mist may cause respiratory irritation. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

FIRST AID	
If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.• Call poison control center or doctor for further treatment advice.
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.	

PERSONAL PROTECTIVE EQUIPMENT (PPE):

Applicators and other handlers must wear:

- long-sleeved shirt and long pants
- waterproof gloves
- shoes plus socks

Mixer/loaders and applicators must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95 or P-95. Repeated exposure to high concentrations of microbial proteins can cause sensitization.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS: For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

Do not discharge into lakes, streams, ponds or public waterways. Do not apply when weather conditions favor drift from target area. *Beauveria bassiana* is an insect specific fungus and exposure

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to non-target insects should be avoided. Avoid applying to areas where honeybees are actively foraging or around bee hives because this product is pathogenic to honeybees

PHYSICAL AND CHEMICAL HAZARDS: Do not use near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR Part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted-entry interval (REI) of 4 hours.

PPE required for early entry to treated areas (that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water) is:

- Coveralls
- Waterproof gloves
- Shoes plus socks
- Mist filtering respirators with NIOSH standards of at least N-95, R-95 or P-95

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses of this product that are **not** within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses.

- Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.
- Keep unprotected persons out of treated areas until sprays have dried.

GENERAL INFORMATION

Naturalis L works primarily through contact action, so good spray coverage is essential. Treat when pest populations are manageable and before extensive damage occurs to crops. Naturalis L contains an insect specific fungus. Time must be allowed to achieve pest population suppression. Climatic conditions and pest pressures will determine pretreatment needs. The addition of sticking agents, insecticidal soaps, or emulsifiable oils may improve control of insects in the conditions of high insect pressure. Wait a minimum of 48 hours after application before applying fungicides. Contact local Pest Management authorities, extension agents or Lallemand Plant Care representatives for guidance in selecting rates and timing schedules of application.

MIXING AND APPLICATION INSTRUCTIONS

SHAKE WELL BEFORE USING!

Mix quantity of product specified in the application table of water. Triple rinse container shaking each time, and empty contents into partially filled spray tank free of fungicide residues. Complete filling the tank and mix well. For best results, spray immediately. Use best possible spray coverage techniques. Slotted screens may be used. Do not use nozzles with screens finer than 25 mesh to avoid clogging. Do not apply this product through any type of irrigation system.

For ornamental uses, applications may be necessary every 3 to 5 days and 3 to 5 applications may be necessary before pests are adequately under control. In turf and lawns, reapply only when pest populations are above tolerable levels. For food crops, applications may be necessary every 3 to 5 days before pests are adequately controlled. Naturalis L can be applied up to and on the day of harvest.

Wait a minimum of 48 hours after application before applying fungicides. If fungicides are on a set schedule, i.e. 10 to 14 day intervals, apply Naturalis L at midpoint.

Do not use Naturalis L indoors in homes, office buildings, hospitals, etc. This pesticide has not been evaluated for such indoor uses.

COMPATABILITY

Naturalis L when diluted and agitated in at least one-half the required volume of water in the spray tank is compatible with a wide range of pesticides under specific crop use directions. Observe all cautions and limitations on all products used in mixtures. Do not exceed label dosage rates and always follow the most restrictive label precautions and limitations. All directions for use, crops and sites must be followed. This product cannot be mixed with any product containing a label prohibition against such mixing.

If compatibility with another product is unknown conduct small scale tests (such as jar test) to determine physical and chemical compatibility. Once compatibility has been proven, use the same procedure for adding products to the mix tank.

If crop response to resulting mixtures is unknown, test a small portion of area prior to treating an entire area.

This product can be mixed with Adept, Agree, Applaud, Avaunt, Avid, Conserve, Confidor, Confirm, Courier, Decathlon, Diazinon 4E, Dimilin, Dipel, Distance, Durstan 50W, Enstar II, Garlic Barrier, Hexagon, Hot Pepper Wax, Knack, Marathon, M-Pede, Mavrick, Neemazad 4.5, Orthene, Palmolive Soap, Pentac Aquaflow, Promite, Provado, Pyrellin, Pyrenone, Pyrethrum, Sevin 80S, Spintor, SunSpray Ultrafine Spray Oil, Ultrapure Oil, Talstar, Talus, Tempo SC Ultra, non-emulsifiable formulations of Thiodan such as Thiodan 50 WP, Triact 70, Vendex and Zentari.

Do not tank mix with fungicides. Do not tank mix with insecticides such as Metasystox R or Thiodan EC.

APPLICATION TABLE

CROP	PEST	NATURALIS L COVERAGE	SPECIAL DIRECTIONS
<p>Crops: Alfalfa, cereal crops (wheat, oats, and barley), berry and small fruit crops (blackberry, blueberry, cranberry and strawberry), canola, citrus (grapefruit, oranges, tangerines), corn, cotton, hops, pasture land, peanuts, pineapple, safflower, sunflowers, and tobacco, bulb vegetables, onions (green and bulb) and garlic, cucurbit vegetables (cucumbers, melons and squash), fruiting vegetables (eggplant, pepper and tomato), leafy and cold crops (lettuce [head and leaf], kale, celery, spinach, broccoli, cabbage and parsley), legume vegetables (beans, lentil, peas and soybean), root and tuber vegetables (carrots, potatoes, beets and sugar beets).</p> <p>Herbs, spices and mint (basil, chives, dill, leek and peppermint).</p> <p>Greenhouse, Shadehouse and Hydroponic production of any of the above listed crops. Plants of the varieties listed above for resale.</p> <p>Pome fruit (apple and pear), stone fruit (cherry, nectarine, peach, plum and prune), tree nuts (almond, filbert, pecan and walnut), and vines (grapes, hops and kiwi fruit).</p> <p>Avocado and tropical fruits (bananas, mango, papaya and sapodilla).</p>	<p>Ants, aphids, armyworms, budworm and bollworm, citrus blackfly, Colorado potato beetle, corn borers, fleahoppers, Japanese beetles, leafhoppers, loopers, lygus bug, mealybugs, terranychid mites, pear psylla, tarnished plant bug, thrips, tomato fruitworm, weevils, and whiteflies.</p> <p>Eggs of Lepidopteran pests</p>	<p>Outdoors 10 to 15 fl. oz. of Naturalis L per acre</p> <p>Greenhouses 1 gallon of water: use 0.3-1.0 fl. oz. of Naturalis L</p> <p>100 gallon of water: Use 20-100 fl. oz. of Naturalis L</p> <p>Pome Fruit, Tree Nuts, Vines, Avocado, and Tropical Fruits 1 gallon of water: Use 3-2.5 mL of Naturalis L</p>	<p>A sticker or surfactant, which has been approved for use on growing and harvested crops, should be added for use on hard-to-wet crops, such as cole crops.</p> <p>For all crops, apply at the onset of infestation. Repeat at 3 to 5 day intervals as needed. At least 3 to 5 applications may be necessary before pests are adequately under control.</p> <p>For Greenhouses, Shadehouses and Hydroponic production facilities, use dram/pulsefog, cold and thermal applications methods.</p>
<p>Ornamentals: Foliage plants, flowering plants, wooding and herbaceous ornamentals, conifers (including</p>	<p>Aphids, thrips, mites, whiteflies, leaf-feeding caterpillars, lygus bugs,</p>	<p>1 gallon of water: use 0.3-1.0 fl. oz. of Naturalis L</p>	<p>Use sufficient water to ensure thorough coverage of upper and lower leaf surfaces. Use lower rates for light to moderate pressure, higher rates for heavy</p>

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<p>Christmas trees) and non-food bedding plants and trees.</p> <p>Including greenhouse and outdoor ornamental plantings, plantscapes, trees, shrubs, flowers, foliage cuttings, and groundcovers.</p>	<p>beetles (flea, cucumber, elm leaf), leafhoppers, root weevils, psyllids, fungus gnats, shore flies, mealybugs</p>	<p>100 gallon of water: Use 20-100 fl. oz. of Naturalis L</p>	<p>infestation. Can be mixed with sticking agents, insecticidal soaps and emulsifiable oils. Spray immediately after mixing. For fungus gnats and shorefly control, treat media and under benches with a course spray.</p>
<p>Turfgrasses: Lawns, golf courses (all areas), sod farms, athletic fields.</p>	<p>Mole crickets, cinch bugs, sod webworms, armyworms, cutworms, grasshoppers, billbugs, spittlebugs, Bermuda grass mites, ants, millipedes, sow bugs.</p> <p>Larvae of the following pests: White grubs, annual white grub, black turf grass ataenius, European chafer, green june beetle, Japanese beetle, northern masked chafer, European crane fly larvae.</p>	<p>1 fl. oz. per 1,000 sq. ft. or 1 fl. oz. in 2 gallons of water</p>	<p>Use sufficient water to ensure coverage. Can be mixed with surfactants & insecticidal soaps. The addition of a wetting agent helps insure penetration through turf to soil. Watering in is essential for subsurface feeding insects. Do not water for several hours when treating for surface feeding insects. Not recommended for application to hot, dry turf. Prefer evening or early morning applications. Pre-water if turf is very dry and temperatures are over 80°F.</p>

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry place away from direct sunlight or excessive heat. Optimum storage temperatures are 4°C to 27°C (39°F to 80°F). Do not allow spray solution to stand more than 4 hours before use. Avoid contamination and loss of potency of opened containers by closing containers tightly after use. When possible, use all product in open containers.

Pesticide Disposal: To avoid wastes, use all material in the container by application according to label directions. If wastes cannot be avoided, offer remaining product to a waste disposal facility or pesticide disposal program (as run by State or local government or industry).

Container Handling: Non-refillable container. Do not reuse or refill this container. Triple rinse (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into the application equipment for mix tank and drain for 10 seconds after the flow begins to drip. Fill the container ¼ full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Then offer for recycling if available or puncture and

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dispose of in a sanitary landfill, or by incineration. Do not burn, unless allowed by state and local ordinances.

NOTICE TO USER

Lallemand Specialties Inc. / LALLEMAND PLANT CARE warrants only that this product conforms to the product description on this label and is reasonably fit for the purposes set forth in the Directions for Use when used in accordance with them. However, ineffectiveness or other unintended consequences may result because of such factors as the use, storage or handling of the product contrary to the label instructions, all of which are beyond the control of Lallemand Specialties Inc. / LALLEMAND PLANT CARE. To the extent consistent with applicable law, Lallemand Specialties Inc. / LALLEMAND PLANT CARE shall not be liable for indirect or consequential damages resulting from the use, storage or handling of this product. LALLEMAND SPECIALTIES INC. / LALLEMAND PLANT CARE MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

Sublabel B: Residential Use

Naturalis L[®] Biological Insecticide

(Alternate Brand Name: Naturalis[®] L – Home and Garden)

Controls ants, aphids, armyworms, billbugs, caterpillars, chinch bugs, cutworms, European crane fly larvae, grasshoppers, flea beetles, leafhoppers, loopers, lygus bugs, mealybugs, broad mites, cyclamen mites, spider mites, false mites, millipedes, mole crickets, psyllids, sowbugs, spittlebugs, sod webworms, thrips, white grubs and whiteflies.

Active Ingredient: *Beauveria bassiana* ATCC 74040* 7.16%
Other Ingredients: 92.84%
Total: 100.00%

* Contains not less than 2.3×10^7 viable spores per milliliter of product.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

THIS PRODUCT MUST BE MIXED WITH WATER

See additional precautionary statements and first aid statements on back panel.

(Patent Nos. 5,413,784 and 5,516,513)

EPA Reg. No.: 64137-16
Net Contents: XX
(Batch)(Lot) No: XXXX
(Not for Sale or Use After: _____)

EPA Est. No.: XXXXX-XX-XXX

Manufactured for:
Danstar Ferment AG / LALLEMAND PLANT CARE
Poststrasse 30
Zug CH-6300 Switzerland

Marketing Company:
Lallemand Specialties Inc. / LALLEMAND PLANT CARE
6120 West Douglas Avenue
Milwaukee, WI 53218 United States
www.lallemandplantcare.com



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PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS - CAUTION: Harmful if inhaled. Causes moderate eye irritation. Prolonged or frequently repeated skin contact may cause allergic reactions in some individuals. This is a potential sensitizing agent via inhalation. Spray mist may cause respiratory irritation. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse.

FIRST AID	
If inhaled	<ul style="list-style-type: none">• Move person to fresh air.• If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.• Call poison control center or doctor for further treatment advice.
If in eyes	<ul style="list-style-type: none">• Hold eye open and rinse slowly and gently with water for 15-20 minutes.• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.• Call a poison control center or doctor for treatment advice.
If on skin or clothing	<ul style="list-style-type: none">• Take off contaminated clothing.• Rinse skin immediately with plenty of water for 15-20 minutes.• Call a poison control center or doctor for treatment advice.
HOTLINE NUMBER	
Have the product container or label with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-222-1222 for emergency medical treatment information.	

ENVIRONMENTAL HAZARDS: For terrestrial uses: Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water when disposing of equipment washwater or rinsate.

Do not discharge into lakes, streams, ponds or public waterways. Do not apply when weather conditions favor drift from target area. *Beauveria bassiana* is an insect specific fungus and exposure to non-target insects should be avoided. Avoid applying to areas where honeybees are actively foraging or around bee hives because this product is pathogenic to honeybees

PHYSICAL AND CHEMICAL HAZARDS: Do not use near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

GENERAL INFORMATION

Naturalis L works primarily through contact action, so good spray coverage is essential. Treat when pest populations are manageable and before extensive damage occurs to crops. Naturalis L contains an insect specific fungus. Time must be allowed to achieve pest population suppression. Climatic conditions and pest pressures will determine pretreatment needs.

Naturalis L works best in moist humid conditions. Whenever possible, apply the product late in the day or evening or early in the morning. If conditions are dry or temperatures are over 80°F, water first, particularly when treating lawns or large gardens. Do not apply in peak sunlight. Wait a minimum of 48 hours after application before applying fungicides. Do not mix with fungicides or insecticides such as Metasystox R and Thiodan EC. See Special Directions below for conditions that facilitate germination of the fungal active ingredient.

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Do not use Naturalis L indoors in homes, office buildings, hospitals, etc. This pesticide has not been evaluated for such indoor uses.

USER SAFETY STATEMENT

Keep people and pets out of treated areas for a minimum of four hours

MIXING AND APPLICATION INSTRUCTIONS

Shake well before using.

Mix the specified quantity of Naturalis L with water in a spray tank free of fungicide residue. Mix well. Use within four hours of mixing.

Application Rate: Use ½ to 1 fl. oz. [(1 to 2 tablespoons) (3 to 6 teaspoons)] of Naturalis L per gallon of water.

LAWNS

1. Naturalis L can be used on lawns to control certain insects and mites as described below.
2. Treat lawn early in the season to control larvae of turf insects. After initial application, apply again in 5 -7 days for maximum control.
3. During season, apply as soon as you notice early signs of infestation.
4. Spray the lawn thoroughly with Naturalis L to ensure coverage. Watering-in is essential for subsurface feeding insects. Pre-water if turf is very dry.

FOR THE TREATMENT OF:	PESTS	COVERAGE	SPECIAL DIRECTIONS
Lawns	Ants, armyworms, billbugs, true bugs, cutworms, chinch bugs, Bermuda grass mites, grasshoppers, millipedes, mites, mole crickets, sowbugs, sod webworms and spittlebugs. Larvae of the following pests: White grubs, annual white grub, black turf grass ataenius, European chafer, green june beetle, Japanese beetle, northern masked chafer, European crane fly larvae.	Use ½ to 1 fl. oz. [(1 to 2 tablespoons) (3 to 6 teaspoons)] of Naturalis L per gallon of water	Use sufficient water to ensure coverage. Can be mixed with surfactants and insecticidal soaps. The addition of a wetting agent helps insure penetration through turf to soil. Watering in is essential for subsurface feeding insects. Do not water for several hours when treating for surface feeding insects. Not recommended for application to hot, dry turf. Prefer evening or early morning applications. Pre-water if turf is very dry and temperatures are over 80°F.

GARDENS

1. Apply Naturalis L at the onset of an infestation. Repeat at 3-5 day intervals as needed. At least 3 to 5 applications could be necessary to control some pests.
2. Spray thoroughly, taking care to cover both the upper and lower leaf surfaces.
3. Naturalis L can be mixed with a sticker or surfactant for hard to wet crops.
4. Naturalis L can be applied before and up to the day of harvest.

FOR THE TREATMENT OF:	PESTS	COVERAGE	SPECIAL DIRECTIONS
<p>Berry and small fruit crops (blackberry, blueberry, cranberry and strawberry), citrus (grapefruit, oranges, tangerines), corn, peanuts, pineapple, safflower, sunflowers, bulb vegetables, onions (green and bulb) and garlic, cucurbit vegetables (cucumbers, melons and squash), fruiting vegetables (eggplant, pepper and tomato), leafy and cold crops (lettuce [head and leaf], kale, celery, spinach, broccoli, cabbage and parsley), legume vegetables (beans, lentil, peas and soybean), root and tuber vegetables (carrots, potatoes, beets and sugar beets).</p> <p>Herbs, spices and mint (basil, chives, dill, leek and peppermint).</p> <p>Pome fruit (apple and pear), stone fruit (cherry, nectarine, peach, plum and prune), tree nuts (almond, filbert, pecan and walnut), and vines (grapes, hops and kiwi fruit).</p> <p>Avocado and tropical fruits (bananas, mango, papaya and sapodilla).</p>	<p>Ants, aphids, armyworms, budworm and bollworm, citrus blackfly, Colorado potato beetle, corn borers, fleahoppers, Japanese beetles, leafhoppers, loopers, lygus bug, mealybugs, terranychid mites, pear psylla, tarnished plant bug, thrips, tomato fruitworm, weevils, and whiteflies.</p> <p>Eggs of Lepidopteran pests</p>	<p>Use ½ to 1 fl. oz. [(1 to 2 tablespoons) (3 to 6 teaspoons)] of Naturalis L per gallon of water</p>	<p>A sticker or surfactant, which has been approved for use on growing and harvested crops, should be added for use on hard-to-wet crops, such as cole crops.</p> <p>For all crops, apply at the onset of infestation. Repeat at 3 to 5 day intervals as needed. At least 3 to 5 applications may be necessary before pests are adequately under control.</p>

ORNAMENTALS

1. Naturalis L can be outside the house to treat foliage plants, flowering plants, woody and herbaceous ornamentals, conifers, shrubs, ornamental plantings, flower and foliage cuttings.
2. Mix Naturalis L with water in a sprayer, as directed below. Use immediately after mixing.
3. Spray thoroughly, taking care to cover both the upper and lower leaf surfaces.
4. Increase the rate of coverage if insect pressure is high.
5. Apply every 3 to 5 days (for heavy infestations up to five applications may be necessary).

FOR THE TREATMENT OF:	PESTS	COVERAGE	SPECIAL DIRECTIONS
<p>Ornamentals: Foliage plants, flowering plants, woody and herbaceous ornamentals, conifers (including Christmas trees) and non-food bedding plants and trees.</p> <p>Including greenhouse and outdoor ornamental plantings, plantscapes, trees, shrubs, flowers, foliage cuttings, and groundcovers.</p>	<p>Aphids, thrips, broad mites, Cyclamen mites, spider mites, false mites, whiteflies, leaf-feeding caterpillars, lygus bugs, beetles (flea, cucumber, elm leaf), leafhoppers, root weevils, psyllids, fungus gnats, shore flies, mealybugs</p>	<p>Use ½ to 1 fl. oz. [(1 to 2 tablespoons) (3 to 6 teaspoons)] of Naturalis L per gallon of water</p>	<p>Use sufficient water to ensure thorough coverage of upper and lower leaf surfaces. Use lower rates for light to moderate pressure, higher rates for heavy infestation. Can be mixed with sticking agents, insecticidal soaps and emulsifiable oils. Spay immediately after mixing. For fungus gnats and shorefly control, treat media and under benches with a course spray.</p>

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Store in a cool, dry place away from direct sunlight or excessive heat. Optimum storage temperatures are 4°C to 27°C (39°F to 80°F). Do not allow spray solution to stand more than 4 hours before use. Avoid contamination and loss of potency of opened containers by closing containers tightly after use. When possible, use all product in open containers.

Pesticide Disposal and Container Handling: If empty: Non-refillable container. Do not reuse or refill this container. Place in trash or offer for recycling if available. If partially filled: Call your local solid waste agency or 1-800-CLEANUP for disposal instructions. Never place unused product down any indoor or outdoor drain.

NOTICE TO USER

Lallemand Specialties Inc. / LALLEMAND PLANT CARE warrants only that this product conforms to the product description on this label and is reasonably fit for the purposes set forth in the Directions for Use when used in accordance with them. However, ineffectiveness or other unintended consequences may result because of such factors as the use, storage or handling of the product contrary to the label instructions, all of which are beyond the control of Lallemand Specialties Inc. / LALLEMAND PLANT CARE. To the extent consistent with applicable law, Lallemand Specialties Inc. / LALLEMAND PLANT CARE shall not be liable for indirect or consequential damages resulting from the use, storage or handling of this product. LALLEMAND SPECIALTIES INC. / LALLEMAND PLANT CARE MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED ABOVE.

Naturalis® L Biological Insecticide; EPA Reg. No. 64137-16
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REDLINE VERSION - Label notification to update EPA Reg. No., company name and address, and warranty
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