

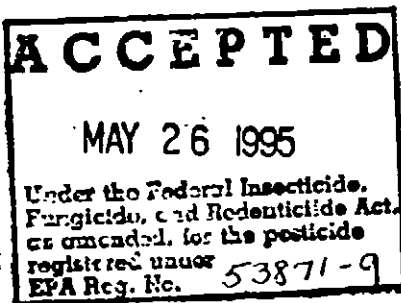
FERMONE NATURALIS-L225

Biological Insecticide for use on Indoor (including Greenhouses) and Outdoor Ornamental Plantings and Landscapes, Turf, Trees, Shrubs, Flower and Foliage Cuttings- Recommended for Commercial and Home and Garden Use

ACTIVE INGREDIENTS:

Beauveria bassiana..... 7.16%
(2.3×10^7 viable spores per milliliter of product)

Inert Ingredients.....92.84%
Total: 100.00%



KEEP OUT OF REACH OF CHILDREN

CAUTION

SHAKE WELL BEFORE USING!

STATEMENT OF PRACTICAL TREATMENT

If Swallowed: Drink 1 or 2 glasses of water, then induce vomiting by touching fingers to the back of the throat. Do not induce vomiting or give anything by mouth to an unconscious person. Consult a physician.

If Inhaled: Potential sensitizing agent. If inhaled, move to fresh air. In case of acute allergic reactions or respiratory irritation, consult a physician.

If on Skin: Remove contaminated clothing and wash affected areas with soap and water. Consult a physician if irritation persists.

If in Eyes: Flush eyes with copious amounts of water. If irritation persists, consult a physician.

Manufactured by

TROY BIOSCIENCES INC.
2620 N. 37th DRIVE
PHOENIX, AZ 85009

EPA REG. NO. 53871-9
EPA ESTABLISHMENT NO. 53871-AZ-01

Net Contents:

**PRECAUTIONARY STATEMENTS
HAZARDOUS TO HUMANS
AND DOMESTIC ANIMALS**

CAUTION

This is a potential sensitizing agent via inhalation. Spray mist may cause respiratory irritation. Avoid breathing vapors. Avoid eye and skin contact.

PERSONAL PROTECTIVE EQUIPMENT:

Some materials that are chemical resistant to this product are listed below. If you want more options follow the instructions for category C on an EPA chemical resistance chart.

Applicators and other handlers (other than mixers and loaders) must wear:

- A. Long-sleeved shirt and long pants.
- B. Chemical resistant gloves.
- C. Mist filtering respirators with NIOSH/MSHA approval number prefix TCC-21C.
- D. Shoes plus socks must be worn.

Follow manufacturer's instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then clean thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not apply when weather conditions favor drift from the target area. *Beauveria bassiana* is an insect specific fungus and exposure to non-target insects should be avoided. This product is pathogenic to honey bees. Avoid applying to areas where honey bees are actively foraging or around bee hives. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not contaminate water by cleaning of equipment or disposal of equipment washwaters.

PHYSICAL AND CHEMICAL HAZARDS

Do not use near heat or open flame.

STORAGE AND DISPOSAL

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

Storage: Store in a cool, dry place away from direct sunlight or heat. Optimum storage temperatures are 35°F (+2°C) to 80°F (27°C). Do not allow spray solution to stand more than 8 hours before reuse.

Avoid contamination and loss of potency of opened containers by closing containers tightly after use.

Container Disposal: Do not reuse empty container.

Rinse thoroughly before discarding in trash. Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incinerate if allowed by state and local authorities, or by burning. If burned stay out of smoke. **Pesticide Disposal:** Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.

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). The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard. 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 requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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 involves contact with anything that has been treated, such as plants, soil, or water is:

- Coveralls
- Shoes plus socks

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DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. For end use only.

GENERAL DIRECTIONS

Naturalis-L ORN works primarily through contact action, so good spray coverage is essential. Treat when pest populations are manageable and before extensive damage occurs. Because Naturalis-L contains an insect pathogen, time must be allowed to achieve pest population suppression. At least 3-5 applications are necessary before pests are adequately under control. Climatic conditions and pest pressures will determine pretreatment needs.

The addition of sticking agents, insecticidal soaps, emulsifiable oils, insecticides, or piperonyl butoxide may improve control of insects in extreme conditions of insect pressure. Follow the label instructions of these pesticides when tank mixing with Naturalis-L ORN. Do not tank mix with fungicides. Wait 48 hours after application before applying fungicides. Do not use screen nozzles finer than 25 mesh to avoid clogging. Slotted screens may be used. Small numbers of plants should be treated initially prior to application, to check on cultivar sensitivity.

Naturalis-L ORN is a unique biological product. Consult your local extension office, Pest Management consultant, or Troy BioSciences Inc. representative for guidance in selecting rates and timing schedules of application, as well as tank mix combinations, depending on your degree of infestation.

APPLICATION

SHAKE WELL BEFORE USING!

Mix recommended quantity with water. Triple rinse container shaking each time, and empty contents into a partially filled spray tank free of fungicide residues. Complete filling the tank and mix well. Spray immediately. For commercial and ornamental use, Naturalis-L ORN is applied as a foliar spray at a rate of 0.30 (8.9 mls) to 1.00 (29.6 mls) oz./gallon of water for pest control. Normal greenhouse application volumes are 100 gallons/20,000 square feet. Insure complete coverage of upper and lower leaf surfaces using best possible coverage techniques. For home and garden use, 1.5 teaspoons per quart of water should be used. Apply at the onset of infestation and every 3-5 days as long as the insect population is above the desired threshold or until plant maturity.

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RECOMMENDED APPLICATION RATES PER CULTIVAR

Foliage, flowering plants, woody and herbaceous ornamentals, conifers (including Christmas trees and non-food bedding plants).	Aphids Thrips Mites White Flies Leaf-feeding caterpillars Lygus bugs Beetle-flea, cucumber Elm leaf Leaf Hoppers	100 Gallons: 30-100 fl. oz. (887-2957 ml.)	Use sufficient water to cover the foliage. Use lower rates for light to moderate pressure, higher rates for heavy infestation. Can be tank-mixed with sticking agents, insecticides, insecticidal soaps, emulsifiable oils and piperonyl butoxide when insect pressure is heavy.
Commercial & residential woody and herbaceous ornamentals	Strawberry root weevils Obscure root weevils Blackvine root weevils	1 Gallon: 0.30-1.0 fl. oz. (8.9 ml.-29.6 ml. or 2-4 teaspoons/quart)	
Lawns	Chinch bugs crickets grasshoppers		
Indoor (including greenhouses) and outdoor ornamental plantings, planters, trees, shrubs, flower and foliage cuttings.	Psyllids		

Notice: It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Troy BioSciences Inc. or seller. All such risks shall be assumed by buyer or user.

Troy BioSciences Inc. warrants that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the Directions for Use, under normal use conditions, subject to the risks described above. Troy BioSciences makes no other express or implied warranty of fitness or of merchantability or any other express or implied warranty.

In no event shall Troy BioSciences Inc. or seller be liable for any incidental, consequential or special damages resulting from the use or handling of this product. The exclusive remedy of the user or buyer, and the exclusive liability of Troy BioSciences Inc. or seller for any and all such claims, losses, injuries or damages (including claims based on breach of warranty, contract, negligence, tort, strict liability or otherwise) resulting from the use or handling of this product, shall be the return of the purchase price of the product or, at the election of Troy BioSciences Inc. or seller, the replacement of the product.

Troy BioSciences and seller offer this product, and user accept it, subject to the foregoing limitations or warranty and limitation of liability, which may not be modified by any oral or written agreement.

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