Gnatrol® WDG

BIOLOGICAL LARVICIDE

FOR ORGANIC PRODUCTION

Active Ingredient:
Bacillus thuringiensis, subsp. israelensis, strain AM 65-52 fermentation solids and solubles. ................................................................. 37.4%
Other Ingredients ........................................................................ 62.6%
Total .......................................................................................... 100.0%

The percent active ingredient does not indicate product performance and potency measurements are not Federally standardized.

KEEP OUT OF REACH OF CHILDREN

CAUTION

See back panel for additional Precautionary statements.

Net Contents: 16 LBS.

First Aid
If inhaled:
- 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 a poison control center or doctor for further treatment advice.

If in eyes:
- Hold eyes 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.

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 1-877-315-9819 (24 hours) for emergency medical treatment and/or transport emergency information. For all other information, call 1-800-89-VALENT (898-2536).

Precautionary Statements
HAZARD TO HUMANS (AND DOMESTIC ANIMALS)

CAUTION

Harmful if ingested. Avoid breathing dust. Do not contaminate clothing and wash before reuse. Causes moderate eye irritation. Avoid contact with eyes or clothing. Wash thoroughly with soap and water after handling.

Storage and Disposal
Do not contaminate water, food or feed by storage or disposal.
Storage: Store in a cool (59° - 86° F (15° - 30° C)), dry place.
Pesticide Disposal: Wastes resulting from use of this product may be disposed of on site or at an approved waste disposal facility.
Container Disposal: Nonrefillable container. Do not reuse or refill this container. Triple rinse container (or equivalent) promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 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. Offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

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Distributed by:
Valent U.S.A. Corporation
P.O. Box 8025
Walnut Creek, CA 94596-8025

Registered and Manufactured by:
Valent BioSciences Corporation
870 Technology Way
Libertyville, IL 60048

Lot No.: 04-5746R3

Made in U.S.A.
For more information call: 1-800-89-VALENT (Professional Products)
www.valentpro.com
Gnatrol WDG can be applied by injection into drip or overhead (sprinkler) irrigation systems.

CHEMIGATION
Gnatrol WDG can be applied by injection into drip or overhead (sprinkler) irrigation systems. Do not apply this product through any other type of irrigation system. Do not use in conjunction with solid set, flood (basin), or drip (trickle) irrigation systems. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water.

If you have questions about calibration, you should contact State Extension Service Specialist, agricultural engineers, or other experts.

Do not connect irrigation system used for pesticide application to a public water system unless the pesticide-labeled safety devices for public water systems are in place.

A person knowledgeable of the chemigation system and responsibility for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

Greenhouse - Drip (Trickle) and Sprinkler Chemigation

Gnatrol WDG is a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year.

Chemigation systems connected to public water systems must contain a functional reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of the pesticide introduction. As an option to the RPZ the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. The reservoir tank must be properly secured and not accessible to the general public.

Agriculture Use Site Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Agriculture Use Requirements

Use this product only in accordance with its labeling and 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 chemicals. It contains requirements for training, decontamination, notification, and emergency response. It also contains specific instructions and exceptions permitting deviations from the statements on this label about personal protective equipment (PPE), and restricted entry intervals. 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.

Fungus Gnats Habitat

Fungus Gnats Habitat

List No. 62051-04-03

Apple Gnatrol WDG with adequate water by soil drench to sufficiently wet the soil surface above and under benches where larvae are found. Areas under benches should be treated at high rates as this is one of the primary breeding areas. Reapply as needed. In situations where all life forms (eggs, larvae, pupae and adults) are present, such as with existing infestations, repeat applications at the suggested range rate for heavy infestations. Regular follow-up applications using the suggested light infestation rates, will establish a long term maintenance program.

For best results, apply drenches toward the end of the irrigation period.

Gnatrol WDG is a larvicide and will not control adult gnats, therefore, applications must be timed for a stage of development when larvae are present in the soil.

Fungus gnat larvae generally respond to Gnatrol WDG treatment within 24 hours following application.

Use Restrictions

Gnatrol WDG is not known to be phytotoxic to ornamental plant species. However, since all ornamental plant species have not been evaluated, sensitivity to Gnatrol WDG should be checked on several plants prior to wide scale usage.

Gnatrol WDG should not be injected in combination with fertilizers or fungicides containing copper or chlorine, as this may neutralize the active ingredients. Chlorine levels in water supplies should not present a problem with Gnatrol WDG performance.

Do not apply soil drenches to plants under stress, or follow application with excessive amounts of water.

Non-Agriculture Use Site Directions for Use

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

For use on plants intended for aesthetic purposes and being grown in interior plantscapes and for ornamental gardens. For use on plants being grown for sale or other commercial use, or for commercial seed production, or for research purposes.

Do not apply directly to treated finished drinking water reservoirs or drinking water receptacles.

Do not apply this product to the non-agriculture use sites through any type of irrigation system.

Application Directions

Fungus Gnats in Ornamental and Plantscape Use.

Fungus Gnats Habitat

Fungus Gnats Habitat

Light infestation: 3.2 to 6.4 oz/100 gallons applied as a soil drench
Heavy infestation: 13 to 26 oz/100 gallons applied as a soil drench

Apply Gnatrol WDG with adequate water by soil drench to sufficiently wet the soil surface above and under benches where larvae are found. Areas under benches should be treated at high rates as this is one of the primary breeding areas. Reapply as needed. In situations where all life forms (eggs, larvae, pupae and adults) are present, such as with existing infestations, repeat applications at the suggested range rate for heavy infestations. Regular follow-up applications using the suggested light infestation rates, will establish a long term maintenance program.

Gnatrol WDG is a larvicide and will not control adult gnats, therefore, applications must be timed for a stage of development when larvae are present in the soil.

Fungus gnat larvae generally respond to Gnatrol WDG treatment within 24 hours following application.

Gnatrol WDG is not known to be phytotoxic to ornamental plant species. However, since all ornamental plant species have not been evaluated, sensitivity to Gnatrol WDG should be checked on several plants prior to wide scale usage.

Notice to User

To the fullest extent permitted by law, seller makes no warranty, express or implied, of merchantability, fitness or otherwise concerning use of this product other than as indicated on the label. User assumes all risks of use, storage or handling not in strict accordance with accompanying directions.