

PM

55947-136

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JUN 05 1992

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Ms. Ann M. Breaux
Sandoz Crop Protection Corporation
1300 East Touhy Avenue
Des Plaines, IL 60018

Dear Ms. Breaux:

Subject: JAVELIN[®] WG Biological Insecticide
EPA Registration No. 55947-136
Your Submission Dated December 16, 1991

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, is acceptable. A stamped copy is enclosed for your records.

Notes: The purpose of this approval is for the addition of the additional brand name for JAVELIN[®] WG Biological Insecticide (STANDARD).

Sincerely, yours,

Paul Hunter
Product Manager (18)
Insecticide-Fungicide-Rodenticide Branch
Registration Division (975050)

Enclosure.

BEST AVAILABLE COPY

59007:1/C:A-4:nelson:WP5.0-8:NEVRIC:03/10/92:04/10/92:CL:DD:CL

CONCURRENCES							
SYMBOL							
SURNAME							
DATE							

JAVELIN® WG BIOLOGICAL INSECTICIDE

An effective way to control worms and caterpillars on fruits, vegetables, flowers, trees, and shrubs.

8 Dissolvable Packets

NO MEASURING

- Just drop the packet in water, mix, and spray! Makes 1 gallon of spray
(Note to EPA: Each packet contains 9.2 g. of product.)
- Kills worm-stage and caterpillar-stage insects, but has no effect on humans, pets, birds, earthworms, or beneficial insects such as honey bees and lady bugs.
- No need to apply directly to insects.
- Worms and caterpillars eat treated foliage, then immediately stop feeding and damaging plants.
- Biodegradable active ingredient.
- Can be used on vegetables up to day of harvest.

ACTIVE INGREDIENT:

Bacillus thuringiensis, subspecies kurstaki

Potency of 32,000 International Units* 6.40%

INERT INGREDIENTS: 93.60%

Total 100.00%

*Equivalent to 14.4 billion International Units per pound.

CAUTION: KEEP OUT OF REACH OF CHILDREN

See back panel for additional Precautionary Statements

EPA Reg. No. 55947-136

EPA Est. No. 55947-CA-2

ACCEPTED
with COMMENTS
to EPA Letter Dated

Net Contents: 2.6 oz. (73.6 g.)

JUN 05 1992

Under the Federal Insecticide,
Fungicide, and Rodenticide Act
as amended, for the product
registered under EPA Reg. No.
55947-136.

PRECAUTIONARY STATEMENTS

CAUTION

HAZARDS TO HUMANS AND DOMESTIC ANIMALS: Caution: May cause contact sensitization following repeated contact with skin in susceptible individuals. Avoid repeated contact with skin. Wash thoroughly with soap and water after use. If sensitization reaction occurs, consult a physician.

ENVIRONMENTAL HAZARDS: Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Do not contaminate water when disposing of equipment washwater.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Do not use this product through any type of irrigation system.

APPLICATION

(DISSOLVABLE PACKETS)

JAVELIN® WG DISSOLVABLE PACKETS may be used in conventional sprayers with suitable quantities of water to provide thorough coverage. Recommended rate is one packet per gallon of water. Remove required number of packets from container and reseal container. Fill the spray tank with half of required water and insert packet. Wait 5 to 10 minutes for packet to dissolve, then add remainder of required water and agitate before spraying. Re-agitate if mixture is allowed to stand for 30 minutes or more. Use all mixed material within 24 hours.

Apply JAVELIN® WG when worms or caterpillars are first noticed, then repeat at 5 to 7 day intervals while they are active. Apply more frequently to control heavy infestations. Thoroughly wet top and bottom of foliage until spray runs off. Reapply after heavy rains.

JAVELIN® WG must be eaten by worms or caterpillars to be effective. After ingesting the insecticide, they quickly stop feeding, though they may otherwise appear to be unaffected for several days. Best results are obtained by treatments when worms are small; they must be actively feeding on treated foliage. You may apply JAVELIN® WG up to and on the day of harvest.

VEGETABLES

Artichokes
Asparagus
Beans (Green, Lima, Mung)
Broccoli
Brussel Sprouts
Cabbage
Cardoon
Carrots
Cauliflower
Celeriac
Celery
Chick Peas
Chinese Broccoli
Chinese Cabbage
Collards
Cucumbers
Dry Bulb Onions
Eggplants
Garlic

Green Onions
Greens (Dandelion, Turnip, Mustard,
Beet, Chino)
Herbs (Basil, Cilantro, Dill,
Oregano, Thyme, etc.)
Horseradish
Kale
Kohlrabi
Leeks
Lettuce (Endive, Romaine, Head Lettuce,
Escarole, Butter Crunch,
Leaf, etc.)
Melons (Cantaloupe, Crenshaw,
Honeydew, Muskmelon,
Watermelon, etc.)
Okra
Onions
Parsley
Parsnips

Peas
Peppers
Potatoes
Pumpkins
Radishes
Rutabaga
Salsify
Spinach
Squash (Summer, Winter)
Sweet Corn
Sweet Potatoes
Swiss Chard
Table Beets
Tomatoes
Turnip Root
Watercress
Yams

CONTROLS:

Amyworm*
Diamondback Moth
European Corn Borer

Green Cloverworm
Hornworms
Imported Cabbageworms

Loopers
Salt Marsh Caterpillar

*Use to suppress high populations of small (1st to 2nd instar) armyworms.

FRUITS AND NUTS

Almonds
Apples
Apricots
Avocados
Blueberries
Caneberries
Cherries
Citrus

Currants
Filberts
Grapes
Kiwi
Melons
Nectarines
Peaches
Pears

Pecans
Persimmons
Plums
Pomegranate
Prunes
Strawberries
Walnuts

CONTROLS:

Amyworm
Amorbia
Blueberry Leafroller
Blueberry Spanworm
Cherry Fruitworm
Citrus Cutworm
Fall Webworm
Filbert Webworm
Fruit Tree leafroller

Grape Leafroller
Grapeleaf Skeletonizers
Green Fruitworm
Gypsy Moth
Loopers
Omnivorous Leafroller
Orangedog
Orange Tortrix

Redbanded Leafroller
Redhumped Caterpillar
Rindworm Complex
Roughskinned Cutworm
Tent Caterpillar*
Tufted Apple Budmoth
Saltmarsh Caterpillar
Variegated Leafroller

*Apply when caterpillars are actively feeding (2nd to 4th instar).

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SHADE TREES, ORNAMENTALS, FLOWERS, AND ROSES

CONTROLS:

Amyworm
Bagworm
California Oak Moth
Spring and Fall Cankerworm
Douglas Fir Tussock Moth
Elm Spanworm

Fall Webworm
Fruit Tree Leafroller
Gypsy Moth
Jackpine Budworm
Mimosa Webworm

Omnivorous Leafroller
Redhumped Caterpillar
Spruce Budworm
Tent Caterpillar
Western Tussock Moth

STORAGE AND DISPOSAL (DISSOLVABLE PACKETS)

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

STORAGE: To protect unused packets from moisture and high temperatures, tightly reseal container. Store in a cool, dry place. Store out of reach of children and pets.

PESTICIDE DISPOSAL: Securely wrap original container in several layers of newspaper and discard in trash.

CONTAINER DISPOSAL: Do not reuse container. Discard in trash.

LIMITED WARRANTY AND LIABILITY

Read this Limited Warranty and Liability before buying or using this product. If terms are not acceptable, return it at once, unopened.

It is critical that this product be used and mixed only as specified on the label. The laws of a State may make some or all of this paragraph inapplicable or may give you rights in addition to your rights hereunder. Except to the extent prohibited by applicable law, the exclusive remedy of the user or buyer and the limit of liability of this Company or any other Seller for any and all losses, personal injuries or damages resulting from the use of this product, shall be the purchase price paid by the user or buyer for the quantity of product involved. Except to the extent prohibited by State Law, there is no warranty and this Company and other Sellers disclaim all liability for losses, personal injury or damages: (i) arising from any use of this product in a manner or for a purpose not recommended in its label directions, or from mixing this product before use with any substance except as recommended by the product's label; (ii) arising from handling or storage in violation of label instructions; (iii) for all indirect, special or consequential damages; (iv) when not reported to this Company within one year of discovery. THERE ARE NO IMPLIED WARRANTIES AND NO WARRANTIES OF MERCHANTABILITY OR FITNESS.