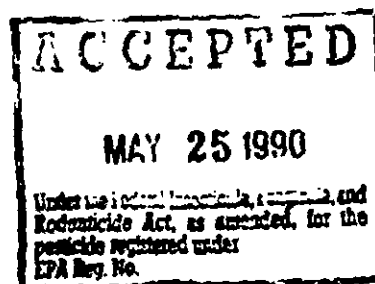


JAVELIN[®] BIOLOGICAL INSECTICIDE

FOR HOME AND GARDEN USE

PROPOSED SECOND LABEL



JAVFLIN[®]
BIOLOGICAL INSECTICIDE

**Controls Worms and Caterpillars on
Fruits, Vegetables, Ornamentals, and Shade Trees**

ACTIVE INGREDIENT:

Bacillus thuringiensis variety *karsteki*

Potency of 16,000 Spodoptera Units (at least
(12 million viable spores) per milligram*) 1.6%

INERT INGREDIENTS: 98.4%

TOTAL 100.0%

*Equivalent to 16.0 Billion Spodopteral Units per quart (8.0 billion International Units per quart).

HAZARDS TO HUMANS

KEEP OUT OF REACH OF CHILDREN

CAUTION

ENVIRONMENTAL HAZARDS

Do not apply directly to water or wetlands (swamps, bogs, marshes, and potholes). Aerial application is permissible where tree canopy exists. Do not contaminate water when disposing of equipment washwaters.

Lot No. _____
NET CONTENTS: _____

EPA Reg. No. 55947-80
EPA Est. No. 55947-CA-2

**SANDOZ CROP PROTECTION CORPORATION
DES PLAINES, IL 60018**

ACCEPTED
MAY 25 1990
Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. _____

**Controls Worms and Caterpillars on
Fruits, Vegetables, Ornamentals, and Shade Trees**

JAVELIN[®] is an easy-to-mix liquid concentrate. Properties include:

- Effective control the natural way
- Kills worm and caterpillar stage insects, but has no effect on humans, pets, birds, earthworms or beneficial insects such as honeybees and ladybugs.
- Worms and caterpillars eat treated foliage, then immediately stop feeding and damaging plants.
- Totally biodegradable active ingredient
- Acceptable for use on edible plants up to day of harvest

DIRECTIONS FOR USE

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

Unless specifically specified, do not apply this product through any type of irrigation system.

Apply **JAVELIN[®]** Biological Insecticide 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. Apply thoroughly to top and bottom of foliage. Re-apply after heavy rains.

JAVELIN[®] Biological Insecticide must be eaten by worms or caterpillars to be effective. After ingesting the insecticide, they immediately 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, exposed foliage. You may apply **JAVELIN[®]** Biological Insecticide up to and on the day of harvest.

HOW TO APPLY: Always shake or stir **JAVELIN[®]** Biological Concentrate thoroughly before use. Partially fill sprayer with water before adding recommended amount of product, then mix in product thoroughly and add remaining amount of water.

Spray leaf surfaces thoroughly -- top and bottom -- for complete control. Agitate regularly while spraying. Use all of spray mixture within 24 hours.

RECOMMENDED APPLICATION RATES
1.5-3.0 teaspoons/gallon

Vegetables:

Treats:

asparagus	garlic	onions
beans	green onions	parsley
(green, lima, mung)	greens (dandelion,	parsnips
broccoli	turnip, mustard,	peas
brussel sprouts	beet, china)	peppers
cabbage	herbs (basil, cilantro)	potatoes
cardoon	dill, oregano, thyme,	pumpkins
carrots	etc.)	radishes
cauliflower	horseradish	rutabaga
celeriac	kale	salsify
celery	kohlrabi	spinach
chick peas	leeks	squash (summer
chinese broccoli	lettuce (endive, romaine,	and winter)
chinese cabbage	head lettuce, escarole,	sweet corn
collards	buttercrunch, leaf, etc.)	sweet potatoes
cucumbers	melons (cantaloupe,	swiss chard
dry bulb onions	crenshaw, honeydew,	table beets
eggplants	muskmelon, watermelon, etc.)	tomatoes
	okra	turnip root
		watercress
		yams

Controls:

Armyworm	Green cloverworm	Loopers
Diamondback moth	Hornworm	Salt marsh
European corn borer	Imported cabbageworm	Caterpillar

FRUITS & NUTS:

Treats:

Almonds
apples
apricots
avocados
bananas
blueberries
caneberries
cherries

citrus
currents
filberts
grapes
kiwi
melons
nectarines
peaches

pears
pecans
persimmons
plums
pomegranate
prunes
strawberries
walnuts

Controls:

Armyworm
Banana skipper
(Hawaii only)
Blueberry leafroller
Cherry fruitworm
Citrus cutworm
Fall webworm
Filbert webworm

Fruittree 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

SHADE TREES, ORNAMENTALS, FLOWERS, AND ROSES:

Controls:

Armworm
Bagworm
California oak moth
Spring & fall cankerworm
Cutworm
Douglas fir tussock moth

Elm spanworm
Fall webworm
Fruit tree leafroller
Gypsy moth
Jackpine budworm

Mimosa webworm
Redhumped caterpillar
Spruce budworm
Tent caterpillar
Western tussock moth

STORAGE AND DISPOSAL

STORAGE

Store in a cool place. Activity may be impaired by storage at prolonged temperatures above 90° F. Protect from freezing.

PESTICIDE DISPOSAL

Pesticide, spray mixture or rinse water that cannot be used according to label instructions must be disposed of according to Federal, State or Local procedures.

CONTAINER DISPOSAL

Do not contaminate water, food or feed by storage or disposal. Triple rinse or equivalent. Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or if allowed by State and Local authorities, by burning. If burned, stay out of smoke.

LIMITED WARRANTY AND LIABILITY

Notice: 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; and (iv) when not reported to this Company within one year of discover. There are no implied warranties and no warranties of merchantability or fitness.

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