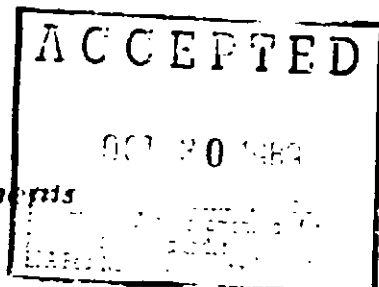


# JAVELIN WG

## Supplemental Labeling



EPA Reg. No. 55947-136

**Precautionary Statements**  
**Hazards To Humans**  
**Caution**

May cause skin irritation and skin sensitization reactions in certain individuals. Avoid contact with skin or clothing. Wear protective clothing (overalls and gloves) while using or handling this product. Remove contaminated clothing and wash before reuse. Discontinue use if reaction occurs.

**Statement of Practical Treatment**

If On Skin: Wash with plenty of soap and water. Get medical attention, if irritation persists.

**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 through any type of irrigation system.

JAVELIN WG is a biological insecticide specific for the control of lepidopteran larvae (see Recommended Application Rates section). JAVELIN WG attacks the larval gut and must be ingested by the insect to be effective.

Since the active ingredient, *Bacillus thuringiensis*, is exempt from tolerance requirements, JAVELIN WG may be applied up to and on the day of harvest.

**Mixing**

Fill spray or mixing tank 3/4 full. Turn on agitation and pour JAVELIN WG into water while maintaining continuous agitation. Add other spray material (if any) and add balance of water. Agitate as necessary to maintain suspension. Do not allow diluted sprays to remain in the tank for more than 48 hours. JAVELIN WG is formulated to provide

desirable coverage and adherence to leaf surfaces. Additional adjuvants, spreaders or stickers may be added to improve product performance, especially under heavy dew or rainy conditions.

Combinations with commonly used insecticides, fungicides or other spray tank adjuvants are generally not deleterious to JAVELIN WG if the mix is used promptly. Before mixing in the spray tank, it is advisable to test physical compatibility by mixing all components in a small container in proportionate quantities.

**Ground Application**

Unless otherwise stated, use recommended amount of JAVELIN WG in a minimum of 20 gallons of water per acre depending on type of crop and requirements of state regulations.

**Aerial Application**

Use recommended amount of JAVELIN WG in at least 5 gallons of water per acre. Applications at higher water volumes have demonstrated improved control of targeted pests. Apply early morning or evening when air is calm.

**General Use Instructions**

For most consistent control apply at first sign of newly hatched worms (1st and 2nd instar larvae).

Reapply as necessary under a pest management program that includes close scouting.

If rapid knockdown of heavy worm or non-lepidopteran populations is necessary, include an effective contact insecticide in combination with JAVELIN WG.

For heavy worm infestations use the higher JAVELIN WG rate. During situations of dense foliage and/or rapid growth, increasing water carrier volumes will provide better crop coverage and improve JAVELIN WG performance.

Recommendations & Application Rates

Vegetable Crops

Crop	Insect	Rate Lbs./Acre	Additional Instructions
Asparagus			Apply as necessary to maintain control.
Beans			Apply as necessary to maintain control.
Broccoli			Apply as necessary to maintain control.
Brussels Sprouts			Apply as necessary to maintain control.
Cabbage			Apply as necessary to maintain control.
Carrots			Apply as necessary to maintain control.
Cauliflower			Apply as necessary to maintain control.
Celery			Apply as necessary to maintain control.
Chickpeas			Apply as necessary to maintain control.
Chinese Cabbage			Apply as necessary to maintain control.
Cucumbers			Apply as necessary to maintain control.
English Peas			Apply as necessary to maintain control.
Eggplant			Apply as necessary to maintain control.
Garlic			Apply as necessary to maintain control.
Green Onions			Apply as necessary to maintain control.
Greens			Apply as necessary to maintain control.
Dandelion			Apply as necessary to maintain control.
Turnip Mustard			Apply as necessary to maintain control.
Leafy Greens			Apply as necessary to maintain control.
Cilantro, Dill			Apply as necessary to maintain control.
Fennel			Apply as necessary to maintain control.
Kale			Apply as necessary to maintain control.
Spinach			Apply as necessary to maintain control.
Watercress			Apply as necessary to maintain control.
Squash			Apply as necessary to maintain control.
Summer and Winter			Apply as necessary to maintain control.
Sweet Corn			Apply as necessary to maintain control.
Sweet Potatoes			Apply as necessary to maintain control.
Swiss Chard			Apply as necessary to maintain control.
Table Beets			Apply as necessary to maintain control.
Tomatoes			Apply as necessary to maintain control.
Turnip Root			Apply as necessary to maintain control.
Watercress			Apply as necessary to maintain control.
Yams			Apply as necessary to maintain control.
Dry Beans and Peas	Armyworms	1-1.4	Apply as necessary to maintain control.
Lentils	Green Cloverworm	1/4-1/2	
Peanuts	Loopers	1	
Soybeans	Velvetbean Caterpillar	1/4-1	
Sugar Beets	Heliothis spp	1	Suppression only

Field Crops

Crop	Insect	Rate Lbs./Acre	Additional Instructions
Beans	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Broccoli	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Brussels Sprouts	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Cabbage	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Carrots	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Cauliflower	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Celery	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Chickpeas	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Chinese Cabbage	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Cucumbers	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
English Peas	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Eggplant	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Garlic	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Green Onions	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Greens	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Dandelion	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Turnip Mustard	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Leafy Greens	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Cilantro, Dill	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Fennel	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Kale	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Spinach	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Watercress	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Squash	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Summer and Winter	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Sweet Corn	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Sweet Potatoes	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Swiss Chard	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Table Beets	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Tomatoes	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Turnip Root	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Watercress	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Yams	Armyworm Cutworm Hornworm Lobworm Budworm		Apply as necessary to maintain control.
Dry Beans and Peas	Armyworms	1-1.4	Apply as necessary to maintain control.
Lentils	Green Cloverworm	1/4-1/2	
Peanuts	Loopers	1	
Soybeans	Velvetbean Caterpillar	1/4-1	
Sugar Beets	Heliothis spp	1	Suppression only



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### Shade Trees, Ornamentals (Including Roses)

Pests	Rate Lbs./Acre	Additional Instructions
Spring and Fall Scale Insects	2.0	Apply when temperature reaches 40°F. Do not apply if rain is forecast. If rain occurs during the period of treatment, re-treat by foot application.
Elm Spanworm	2.0	
Tent Caterpillar	4.0	
Cypripis Moth	14.0	
European Elm Sawfly	2.0	Apply when temperature reaches 3rd-4th instar. Also consider the opening of the bud cap to ensure foliage exposure.
Bagworm	2.0	
California Case Moth	2.0	Apply after eggs have hatched and early instar larvae are feeding on exposed foliage.
Western Tussock Moth	2.0	
Fruit Tree Leafroller	2.0	
Mimosa Webworm	14.0	
Redhumped Caterpillar	2.0	
Leaf Webworm	2.0	
Armyworm	1.0	

### 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; (iv) when not reported to this Company within one year of discovery.

**This labeling must be in the possession of the user at the time of pesticide application.**

Shaded areas indicate new information.

**SANDOZ CROP PROTECTION**