

JAVELIN WG  
BIOLOGICAL INSECTICIDE

For Control Of Insect Pests Of Vegetables, Fruit and Field Crops

ACTIVE INGREDIENT:

Bacillus thuringiensis Variety Kurstaki  
Potency of 52,863 Spodoptera Units (at least  
60 million viable spores) per milligram\* . . . . . 6.4%

INERT INGREDIENTS: . . . . . 93.6%

TOTAL 100.00%

\*Equivalent to 24.0 Billion Spodoptera units per pound.  
(14.4 Billion International units per pound)

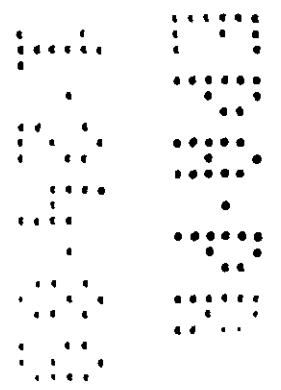
KEEP OUT OF REACH OF CHILDREN  
CAUTION  
See Side Panel For  
Additional Precautionary Statements

Lot No. \_\_\_\_\_  
NET CONTENTS \_\_\_\_\_

EPA REG. NO. 55947-136  
EPA EST NO.

SANDOZ CROP PROTECTION CORPORATION  
DES PLAINES, IL 60018

ACQUAINTED  
FEB 7 1989  
EPA REG. NO. 55947-136



**JAVELIN WG  
BIOLOGICAL INSECTICIDE**

**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.

Javelin WG is a biological insecticide specific for the control of lepidopteran larvae (see Recommended Application Rates section).

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 stickability on 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.

Do not apply this product through any type of irrigation system.

**GROUND APPLICATION**

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. Apply early morning or evening when air is calm.

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RECOMMENDED APPLICATION RATES

CROP	PEST	RATE lbs/Acre	PRE-HARVEST Interval (days)
Asparagus			
Bok Choy			
Broccoli (except Raab)			
Brussel Sprouts			
Cabbage			
Cauliflower			
Celery			
Collards			
Dry Beans and Peas			
Dry Bulb Onions	Armyworm	1/2 - 1-1/4	
Field Corn	Diamondback Moth	1/2	0
Grapes	Imported Cabbageworm	1/4 - 1/2	
Kale	Loopers	1/2 - 1	
Lettuce (Endive, Romaine, Head Lettuce, Escarole Butter Crunch, etc.)			
Melons (Cantaloupe, Crenshaw, Honeydew, Muskmelon, Watermelon)			
Napa			
Peas			
Peppers			
Potatoes			
Radish			
Strawberries			
Sugar Beets			
Sweet Corn			
Swiss Chard			
Tomatoes			
Cotton	Looper	1/4 - 1/2	
Tobacco	Budworm**	1/2 - 1-1/4	0
	Cotton Bollworm**	1/2 - 1-1/4	
	Armyworm	1/2-1-1/4	
Alfalfa (Hay and Seed)	Alfalfa Caterpillar	1/4 - 1/2	
Hay Crops & other	Armyworm***	1/2 - 1-1/4	0
Forage Crops	Looper	1/4 - 1/2	
Citrus	Orangedog	1/4 - 1/2	0
	Citrus Cutworm	1/2 - 1-1/4	
	Citrus Cutworm	1/2 - 1-1/4	

**SPECIAL 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 rapid growth, increasing water carrier volumes will provide more complete crop coverage and improve JAVELIN WG performance.

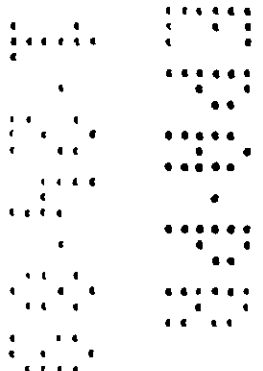
\*\* For the suppression of light to moderate infestations, apply at first sign of egg laying or newly hatched worms (1st instar larvae).

\*\*\* Under intense methods of western alfalfa production, conditions of mixed or overlapping generations of armyworm may exist. In this situation, it is important to monitor insect numbers and make JAVELIN WG applications when populations reach 10 worms per 180° sweep. Most consistent control will be obtained with applications at the 1 - 1/4 lb. rate when worms are small - first and second instar.

**LIMITED WARRANTY AND LIABILITY**

Notice: Read the 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 stored 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 the 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 the 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 the Company within one year of discovery; and (v) arising from product not used within the label-determined shelf life or four years from the date of purchase, whichever occurs first. There are no implied warranties and no warranties of merchantability or fitness.



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