STATES ENVIRONMENTAL PROTECTI



AGENCY

EPA Reg. Number:

73049-50

Term of Issuance:

Unconditional

Name of Pesticide Product:

Biobit HP II Biological Insecticide Wettable Powder

NOTICE OF PESTICIDE:

Registration

Reregistration

(under FIFRA, as amended)

U.S. ENVIRONMENTAL PROTECTION AGENCY

Office of Pesticide Programs Biopesticides and Pollution Prevention Division (7611P)

1200 Pennsylvania Avenue NW Washington, D.C. 20460

Name and Address of Registrant (include ZIP Code):

Valent Biosciences Corporation 870 Technology Way Suite 100 Libertyville, IL 60048

Note: Changes in labeling differing in substance from that accepted in connection with this registration must be submitted to and accepted by the Biopesticides and Pollution Prevention Division prior to use of the label in commerce. In any correspondence on this product always refer to the above EPA registration number.

On the basis of information furnished by the registrant, the above named pesticide is hereby reregistered under the Federal Insecticide, Fungicide and Rodenticide Act.

Registration is in no way to be construed as an endorsement or recommendation of this product by the Agency. In order to protect health and the environment, the Administrator, on his motion, may at any time suspend or cancel the registration of a pesticide in accordance with the Act. The acceptance of any name in connection with the registration of a product under this Act is not to be construed as giving the registrant a right to exclusive use of the name or to its use if it has been covered by others.

Based on your response to the Reregistration Eligibility Document, EPA has reregistered the product listed above, subject to the terms listed below. This action is taken under the authority of section 4(g)(2)(C) of the Federal Insecticide, Fungicide, and Rodenticide Act, as amended. Reregistration under this section does not eliminate the need for continual reassessment of pesticides. EPA may require submission of data at any time to maintain registration of your product.

A copy of the approved label for the product is enclosed for your records.

Signature of Approving Official:

Date:

Taxet L. Andersen, Ph.D., Director, Biopesticides and Pollution

Prevention Division (7511P)

A Form 8570-6

SURNAME

SYMBOL

CONCURRENCES

Printed on Recycled Paper

OFFICIAL FILE COP

BIOBIT® HP II BIOLOGICAL INSECTICIDE WETTABLE POWDER

For the Control of Lepidopterous Larvae

Active Ingredient: Bacillus thuringiensis subsp. kurstaki strain a spores, and insecticidal toxins. Other Ingredients. Total.		65.89%
Potency: 32,000 Cabbage Looper Units (CL	U) per mg (14.5 billion CLU per pound	1)
The percent active ingredient does not indicate federally standardized.	cate product performance and potency	measurements are not
KEEP OUT	OF REACH OF CHILDREN CAUTION	
Valent BioSciences Corporation 870 Technology Way, Suite 100 Libertyville, IL 60048		
EPA Registration No. 73049-50 EPA Est. No. 33762-IA-1	Batch Code:	
Net Content:	ACCEPTED	

SEP 08 2008

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 73049-50

Biobit HPWP II/08/06/08 Page 1 of 15

FIRST AID		
If in eyes	 Hold eye 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 	
If on skin or clothing	 Take off contaminated clothing Rinse skin immediately with plenty of water for 15-20 minutes Call a poison control center or doctor for treatment advice 	

HOTLINE NUMBER

Have the product container with you when calling a poison control center or doctor, or going for treatment. You may also contact 1-800-892-0099 for emergency medical treatment and/or transport emergency information. For all other information, call 1-800-6-Valent.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Causes moderate eye irritation. Avoid breathing dust or spray mist. Avoid contact with skin, eyes, or clothing. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco. Remove contaminated clothing and wash before reuse.

Personal Protective Equipment (PPE):

Applicators and other handlers must wear:

- · Long-sleeved shirt
- · Long pants
- · Waterproof gloves.
- · Shoes plus socks.

Mixer/loaders and applicators must wear a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95, or P-95. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering Controls:

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements

Biobit HPWP II/08/06/08

Page 2 of 15

listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d) (4-6), the handler PPE requirements may be reduced or modified as specified in the WPS.

IMPORTANT: When reduced PPE is worn because a closed system is being used, handlers must be provided all PPE specified above for "applicators and other handlers" and have such PPE immediately available for use in an emergency, such as a spill or equipment break-down.

User Safety Recommendations

- Users should remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- User should remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not contaminate water when cleaning equipment or disposing of equipment washwaters.

This product must not be applied aerially within ¼ mile of any habitats of endangered or threatened Lepidoptera. No manual application can be made within 300 feet of any threatened or endangered Lepidoptera.

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 State or Tribal agency responsible for pesticide regulation.

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

Refer to the Directions for Use Booklet attached to this container for further directions.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with 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 pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of $\underline{4}$ hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water is:

Coveralls.

Waterproof gloves.

Shoes plus socks.

NON-AGRICULTURAL USE REQUIREMENTS

The requirements in this box apply to uses that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries or greenhouses.

Keep unprotected persons out of the treated areas until sprays have dried.

STORAGE AND DISPOSAL

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

Storage: Reclose containers of unused Biobit HP II. Store in a dry place inaccessible to children and out of sunlight.

Pesticide Disposal: Completely empty bag into application equipment. Wastes resulting from the 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. Offer for recycling, if available. If recycling is not available dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

DIRECTIONS FOR USE

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

Sites: Biobit HP II may be used for any labeled pest in both field and greenhouse use.

Biobit HP II is an insecticide for use against listed caterpillars (larvae) of lepidopterous insects. Close scouting and early attention to infestations is highly recommended. Larva must eat deposits of Biobit HP II to be affected. Always follow these directions:

- Treat when larvae are young (early instars) before the crop is damaged.
- Larvae must be actively feeding on treated, exposed plant surfaces.
- Thorough spray coverage is needed to provide a uniform deposit of Biobit HP II at the site of larval feeding. Use overhead and drop nozzles to obtain good spray coverage on both sides of foliage. Use sufficient spray volume to insure uniform deposition on all plant surfaces.
- · Under heavy pest population pressure, use the higher label rates, shorten the spray interval, and/or raise spray volume to improve spray coverage.
- Repeat applications at an interval sufficient to maintain control, usually 3 to 14 days depending on
 plant growth rate, moth activity, and rainfall after treating, and other factors. If attempting to control a
 pest with a single spray, make the treatment when egg hatch is essentially complete, but before crop
 damage occurs.
- Use a spreader-sticker which has been approved for use on growing and harvested crops for hard-to-wet crops such as cabbage, or to improve weather-fastness of the spray deposits.
- · Biobit HP II is a non-restricted use pesticide and does not require a restricted use permit for purchase and use.

Biobit HPWP II/08/06/08 Page 5 of 15 Biobit HP II may be tank mixed with other labeled insecticides to enhance control. Use of the resulting tank mix must be in accordance with the more restrictive label limitations and precautions. No dosage rates should be exceeded. This product cannot be mixed with any product containing a label prohibition against such mixing. Before tank mixing Biobit HP II with other labeled products, including spreader stickers, check for tank mix compatibility.

After ingesting a lethal dose of Biobit HP II, larvae stop feeding within the hour, and will die within several hours to 3 days. Mortality varies with larval size (instar), lepidopteran species, and dose consumed. Following ingestion, larvae become sluggish, discolor, then shrivel, blacken and die. Smaller larvae die more quickly.

Biobit HP II may be applied in conventional ground or aerial equipment with quantities of water sufficient to provide uniform coverage of infested plant parts. The volume of water needed per acre will depend on crop development, relative humidity, spray equipment, and local experience. Usually, selection of moderate to high spray volume will provide the best results in most equipment. For optimal results, use at least 3 gallons of water per acre by air; exception arid areas, where 5 to 10 gallons are required. Add water to the mix tank and provide moderate agitation. With agitating, add the required amount of Biobit HP II. Continue agitation, and add other spray materials, if any. Add remaining water, if any, and agitate until fully mixed. Maintain the suspension with moderate agitation while loading and spraying. Do not mix more Biobit HP II than can be used in a 3 day period.

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment-and-weather-related factors determines the potential for spray drift. The applicator and the grower are responsible for considering all of these factors when making decisions.

For Smaller Spray Volumes:

If Rate is Per Gallon (wt		
0.5 lb/acre	1 tsp.	(0.08 oz)
1 lb./acre	2 tsps.	(0.16 oz)
2 lb./acre	4 tsps.	(0.32 oz)

SPRAY VOLUME

Aerial Application: Use recommended amount of Biobit HP II in a minimum of 5 gallons of water per acre. Apply early morning or evening when air is calm.

Ground Application: Use recommended amount of Biobit HP II in a minimum 20 gallons of water per acre.

Ground Application to Trees and Vines: Apply specific dosage per acre of Biobit HP II in a minimum 100 gallons of water per acre for dilute applications. Wet foliage thoroughly with spray but not to the point of excessive runoff. For mist blower, use recommended amount of Biobit HP II in a minimum of 20 gallons of water per acre.

PREHARVEST INTERVAL

Biobit HP II may be applied up to and on the day of harvest.

Biobit HPWP II/08/06/08

Page 6 of 15

APPLICATION RATES

Crop Group	Pest	Rate (lbs/A)
Forage, Fodder, Hay	·	
Alfalfa (Hay & Seed) and Other	Alfalfa Caterpillar	0.25 – 1.0
Non-grass Animal Feeds, Grasses	Loopers	0.23
Grown for Feed (pasture, ranges, hay	Loopers	
or silage)	Armyworm*	0.5 - 2.0
· ·	Thing worth	0.3 2.0
·	European Skipper (Essex	0.5 - 1.0
·	Skipper)	0.5 1.0
Fruits & Nuts		
Pome and Stone Fruit Trees such as:	Redhumped Caterpillar	0.5 - 2.0
Apples, Pears, Quince, Apricots,	Tent Caterpillars	
Cherries, Nectarines, Peaches, Plums	Omnivorous Leafroller	
	Tortrix Moths	
Nut Trees such as: Almonds, Filbert,	Cankerworms	·
Chestnuts, Walnuts, Pecans	Peach Twig Borer	,
	Fruittree Leafroller	
	Gypsy Moth	
	Tufted Apple Budmoth	
	Fall Webworm	
,	Variegated Leafroller	
	Redbanded Leafroller	•
	Filbert Webworm	
	Codling Moth	
	Cutworms	
	Filbert Leafroller	
	Oblique Banded Leafroller	
	Walnut Caterpillar	
·		
	Citrus Cutworm	0.25 – 0.5
	Roughskinned Cutworm	
Citrus	Orangedog	0.25 – 1.0
	Fruittree Leafroller	0.5 - 2.0
	Citrus Cutworm	
		·
	Amorbia**	1.0 – 1.5

Crop Group	Pest	Rate
		(lbs/A)
Small Fruit and Berries such as:	Gypsy Moth	0.5 - 2.0
Blackberries, Blueberries, Currants,	Blueberry Leafroller	
Raspberries, Strawberries,	Loopers	
Cranberries	Fruittree Leafroller	·
	Grape Berry Moth	
· .	Oblique Banded Leafroller	
•	Achema Sphinx Moth	
	(Hornworm)	
	Armyworm*	0.5 - 2.0
Grapes		
•	Tobacco Budworm	2.5
	Cherry Fruitworm	0.25 - 0.5
	Green Fruitworm	·
	Grape Leafroller	0.5 – 1.25
•	Grapeleaf Skeletonizer	
	Omnivorous Leafroller	·
	Orange Tortrix	
	Saltmarsh Caterpillar	
Other Fruits		
Bananas	Banana Skipper	0.5 - 1.0
Tropical Fruits	Hornworms	0.5 - 2.0
	Leafrollers	3.0
	Loopers	· .
	Omnivorous Looper	
Kiwi	Omnivorous Leafroller	0.5 - 2.0
Pineapple	Gummosos-Batrachedra	0.25 – 0.5
	commosae (Hodges)	9,25
	Thecla-Thecla basilides (Geyr)	
Melons	(See Vegetable Crops, Curcurbits)	

Crop Group	Pest	Rate
		(lbs/A)
Vegetable, root and tuber		
Root & tuber vegetables and leaves of Root and Tuber vegetables such as: Beets, Carrot, Horseradish,	Imported Cabbageworm Green Cloverworm	0.25 – 1.0
Radish, Potato, Sweet Potato, Turnip and Turnip Greens, Sugarbeets	Hornworms	0.125 – 1.0
and rump orcens, sugaroccis	Cutworms Loopers	0.5 – 1.0
. e	Webworms Saltmarsh Caterpillar Omnivorous Leafroller	•
	Armyworm*	0.5 – 2.0
·	Diamondback Moth	0.25 – 2.0
	European Corn Borer	1.0 – 1.5
	Alfalfa Caterpillar	0.125 – 0.25
Vegetable, bulb such as: Garlic, Leeks, Onions, Shallot	Saltmarsh Caterpillar Omnivorous Leafroller Webworms Cutworms	0.5 – 1.0
	Hornworms	0.125 – 1.0
	Imported Cabbageworm Green Cloverworm Loopers	0.25 – 1.0
	Armyworin*	0.5 – 2.0
	Diamondback Moth	0.25 – 2.0
	European Corn Borer	1.0 – 1.5
	Helicoverpa zea Heliothis virescens	1.0 – 1.5

Crop Group	Pest	Rate (lbs/A)
Vegetable, leafy such as: Celery, Lettuce (Head and Leaf), Parsley, Endive, Spinach, Kale	Imported Cabbageworm Green Cloverworm Loopers	0.25 – 1.0
	Hornworms	0.125 – 1.0
	Cutworms Webworms	0.5 – 1.0
	Diamondback Moth	0.25 - 2.0
	Saltmarsh Caterpillar Omnivorous Leafroller	0.5 – 2.0
•	Armyworm*	0.5 – 2.0
	European Corn Borer	1.0 – 1.5
Vegetable, legume such as: Lentils,	Loopers	0.25 – 1.0
Peas, Beans, Soybeans	Hornworms	0.125 – 1.0
	Podworms	0.5 – 1.0
	Imported Cabbageworm Green Cloverworm Saltmarsh Caterpillar Soybean Loopers	
: •	Armyworm*	0.5 – 2.0
	Diamondback Moth Velvetbean Caterpillar	0.25 - 2.0
•	European Corn Borer	1.0 – 1.5
:	Cutworm	0.5 – 1.5
Vegetable, fruiting such as: Eggplant, Peppers, Tomatoes	Imported Cabbageworm Green Cloverworm	0.25 – 0.5
	Diamondback Moth	0.25 – 2.0
	Hornworms	0.125 – 1.0
	Tomato Fruitworm	0.5 – 1.0
	(Helicoverpa zea) Variegated Cutworm Saltmarsh Caterpillar Loopers	
	Armyworm*	0.5 – 2.0
	European Corn Borer	1.0 – 1.5

Biobit HPWP II/08/06/08 Page 10 of 15

Crop Group	Pest	Rate (lbs/A)
Vegetable, leafy, brassica such as: Broccoli, Brussels Sprouts, Cabbage,	Diamondback Moth	0.25 - 2.0
Cauliflower, Collards, Kohlrabi	Hornworms	0.125 – 1.0
	Webworms	0.5 – 1.0
	Loopers Cutworms	
	Saltmarsh Caterpillar	
•	Omnivorous Leafroller	
•	Imported Cabbageworm	0.25 – 1.0
	Green Cloverworm	
•	Armyworm*	0.5 – 2.0
•	European Corn Borer	1.0 – 1.5
Vegetable, cucurbit such as:	Imported Cabbageworm	0.25 – 1.0
Cucumbers, Melons, Pumpkins,	Green Cloverworm	0,25
Squash, Watermelon	Loopers	
	Diamondback Moth	0.25 – 2.0
	Saltmarsh Caterpillar	0.25 – 1.0
	Melonworm	·
	Pickleworm Rindworm Complex	
	Armyworm*	0.5 – 2.0
	European Corn Borer	1.0 – 1.5
· ·	Hornworms	0.125 - 0.5
Other Vegetables		
Artichokes	Artichoke Plume Moth	0.5 – 1.25
	Armyworm*	0.5 – 1.5
	Loopers	0.25 – 1.25
Asparagus	Armyworm*	0.5 – 2.0 .
	Diamondback Moth	0.25 – 2.0
	Green Cloverworm Imported Cabbageworm	0.25 – 0.5
	Loopers	0.25 – 1.0
Malanga	Armyworm*	0.5 - 2.0
· · · · · · · · · · · · · · · · · · ·	Saltmarsh Caterpillar	0.5 – 1.0

Crop Group	Pest	Rate (lbs/A)
Watercress	Loopers	0.25 - 2.0
	Diamondback Moth	
	Armyworm*	0.5 – 2.0
	Green Cloverworm Imported Cabbageworm	0.25 – 0.5
	Saltmarsh Caterpillar	0.5 – 1.0
	European Corn Borer	1.0 – 1.25
Sweet Corn	(see Other Crops, Corn)	
Herbs, Spices, Mints such as: Basil, Dill, Oregano, Thyme, Peppermint	Loopers	0.25 – 1.0
·	Diamondback Moth	0.5 – 2.0
	Green Cloverworm Imported Cabbageworm	0.25 – 0.5
	Armyworm*	0.5 – 2.0
	European Corn Borer	1.0 – 1.5
Other Crops	Loopers	1.0 – 1.5 1.0 – 1.25
Avocados	Orange Tortrix Omnivorous Leafroller	0.5 – 2.0
•	Omnivorous Looper Spanworm	
	Amorbia**	0.5 – 2.0
Rice	Armyworm*	0.5 – 1.5
	Loopers Saltmarsh Caterpillar	0.5 – 1.0
	Cutworms	0.5 – 1.5
· .	Green Cloverworm Velvetbean Caterpillar	0.25 – 0.5
	Helicoverpa zea Heliothis virescens	1.0
Cotton (Except CA & AZ)	Loopers	0.5 – 1.0
	Armyworm*	0.5 – 2.0
	Cotton Bollworm Tobacco Budworm	0.25 – 2.0

Biobit HPWP II/08/06/08 Page 12 of 15

Cuon Cuonn	Pood	Rate
Crop Group	Pest	(lbs/A)
	Special Instructions: For early season management of Helicoverpa species.	
	initiate applications when 50% of plants are at pinhead square cotton stage	
	independent of Heliothis egg and larval counts or at first egg lay, whichever	
	occurs earlier. Continue applications o	
	pyrethroid spray window.	in a rive day opiny invervar up to one
C-4 (CA 8- A7)		0.5 - 2.0
Cotton (CA & AZ)	Armyworm*	0.5 – 2.0
		·
	Cotton Leaf Perforator	0.5 – 1.0
	Cotton Leafworm	
	Saltmarsh Caterpillar	
•	,	
•	Loopers	0.5 – 1.0
	Loopers	0.5
	Cotton Bollworm	0.5 - 2.0
•		0.3 - 2.0
•	Tobacco Budworm	
	Special Instructions: Repeat as necess	
	control. If egg laying frequency indica	te future moderate to heavy larval
•	populations, time application spray to	coincide with the second instar larvae.
•	During periods of high temperatures la	
•		
•	third instars very rapidly and early application timing is necessary for	
	control. When plant cover is dense and larvae are feeding in the lower 2/3 portion of the plant, aerial application of Biobit HP II may provide adequate	
	control.	
Canola/Rape Seed	Armyworm*	0.5 - 2.0
•	Diamondback Moth	0.25 - 2.0
	Loopers	0.5 - 1.0
	Loopois	1.0
	II lining	0.5 – 2.0
	Helicoverpa zea	0.3 – 2.0
	Heliothis virescens	
Corn such as: Field, Sweet, Popcorn	Armyworm*	0.5 - 2.0
	European Corn Borer (whorl	0.5 - 2.0
	stage only)	
	Jung- Chily)	
	Southwestern Corn Bones	10.15
II	Southwestern Corn Borer	1.0 – 1.5
Hops	Armyworm*	0.5 – 2.0
	Loopers	0.25 - 1.0
	Omnivorous Leaftier	0.5 – 1.0
	Spotted Cutworm	
	Oblique Banded Leafroller	
Tojoho		0.5 – 1.0
Jojoba	Looper (Anacamptodes spp)	0.5 – 1.0

Crop Group	Pest	Rate (lbs/A)
Peanuts	Green Cloverworm .	0.5 - 1.0
	Loopers	
	Velvetbean Caterpillar	
,	Podworms	
•	_	
	Helicoverpa zea	1.0
`	Heliothis virescens	
Persimmons, Pomegranate	Fall Webworm	0.5 – 1.0
	Filbert Webworm	
•	Omnivorous Leafroller	
	Redhumped Caterpillar	
	Tent Caterpillars	
	· ·	
	Citrus Cutworm	0.5 - 1.25
Safflower	Armyworm*	0.5 – 1.25 0.5 – 2.0
•	J	
	Loopers	0.5 - 1.0
.*	Saltmarsh Caterpillar	, 3.2 1.0
Sorghum	Headworm	. 0.5 – 1.0
Soybeans	(see Vegetable Crops, Legumes)	0.5 1.0
Sunflowers	Headmoth	0.5 – 1.0
Sannowers	Loopers	0.5 - 1.0
Small Grains	Armyworm*	0.5 - 2.0
Sman Grams	Armyworm	0.5 - 2.0
	Loopers	05 10
Tobacco	Tobacco Hornworm	0.5 - 1.0 $0.125 - 0.5$
Tobacco	Tobacco Homworm	0.123 - 0.3
•	Loonara	0.25 - 1.0
	Loopers	0.23 - 1.0
	Tobacco Budworm**	2.0
Flowers, Bedding Plants, and	Totacco Budworm	2.0
Ornamentals		
	Diamondback Moth	.5 - 2.0
Ornamental, Flowers, Bedding Plants		.3 – 2.0
Flants	Armyworm*	
	Azalea Moth	0.25 - 0.5
•	1	0.23 – 0.3
	Ello Moth (Hornworm) Io Moth	
	1 :	
	Loopers Oleander Moth	•
	•	
	Omnivorous Leafroller	
	Omnivorous Looper	
<u> </u>	Tobacco Budworm	· · · · · · · · · · · · · · · · · · ·
Greenhouse, Shade Trees, and		•
Outdoor Nursery Crops		0.5
Such as: Brassica, Fruiting Groups,	Armyworm*	0.5 - 2.0
Herbs and Leafy		0.5 1.0
	Loopers	0.5 - 1.0

Crop Group	Pest ,	Rate (lbs/A)
Turf	Sod Webworm	1.0 – 20
	Tropical Sod Webworm	1.0
	Armyworm*	1.0

Special Instructions

- *Armyworm Control: Use Biobit HP II to control small armyworms (first and second instar) when populations are light and full coverage sprays are applied. Repeat treatment as necessary. If mature larvae or heavy populations are present, achieve greater control by adding a contact insecticide.
- **Suppression Only: Use to aid in control of light to moderate populations of first and second instars in Integrated Pest Management conditions. Repeat treatments at four to five day intervals. Use an additional ovicidal or larvicidal insecticide to aid in control.

NOTICE TO USER

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

Biobit® is a registered trademark of Valent BioSciences Corporation

2008