

BUG TIME

WETTABLE POWDER For Repackaging of an Insecticide

ACTIVE INGREDIENT: *Bacillus thuringiensis* Berliner, var. *kurstaki*, primary powder fermentation product, potency of 16,000 International Units per milligram of product (equivalent to 7.3 billion International Units per pound of product)..... 20%

INERT INGREDIENTS: 80%
100%

KEEP OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS: Avoid inhalation or contact with eyes or open wounds

ENVIRONMENTAL HAZARDS

Keep out of lakes, ponds, or streams

Do not contaminate water by cleaning of equipment or disposal of wastes

STORAGE AND DISPOSAL

STORAGE: Tightly reclose containers of unused Bug Time. Store in cool, dry place

DISPOSAL: Do not reuse empty container. Perforate or crush and discard container according to local trash disposal regulations and in a safe place

DIRECTIONS FOR USE

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

BT (*Bacillus thuringiensis*) Wettable Powder provides best control when caterpillars are newly hatched (1st or 2nd instar) and most susceptible to the product which must be eaten. Good leaf coverage is essential to achieve effective insect control. Higher rates are generally necessary when infestations are heavy and foliage is dense

For armyworm control, apply to plants and thoroughly to adjacent soil when larvae are young

To obtain a suitable mixture with water, pour the recommended amount into a 1/2 filled tank and agitate. Fill tank and maintain agitation until the mixing process is complete. BT is compatible with various insecticides, fungicides, spreaders, and stickers except those that are highly alkaline in nature. Dilute sprays should not be allowed to stand for more than 12 hours

For most trees, the recommended amount of BT may be applied by high pressure hydraulic sprayers in 100 gallons of water per acre. Cover foliage thoroughly, but avoid runoff. Mist blower applications may use 10-20 gallons of water per acre

Spreaders and stickers improve coverage and are recommended

For vine, pome, citrus and tropical fruits, use recommended amount per 100 gallons water and apply 100 to 500 gallons of spray dilution per acre

Aerial applications should use recommended rates in 1/2 to 10 gallons of water per acre during early morning or evening hours when winds are low. Spray systems which produce a 200-300 micron droplet size are preferable

Small Quantity Use Rates

Recommended Rate	Teaspoonfuls per Gallon
1/2 lb/acre or 100 gals	1
1 lb/acre or 100 gals	2
2 lb/acre or 100 gals	4

NOTE: Because the active ingredient in BT *Bacillus thuringiensis*, is exempt from tolerance requirements, this product may be applied up to the day of harvest and in storage

NOTICE: Local conditions may affect the use of BT. Consult State Agricultural Extension or Experiment Station Specialists for specific recommendations related to local crop protection problems. Biochem Products makes no warranty, express or implied, including the warranties of commercially acceptable quantity and/or fitness for any particular purpose concerning this material, other than those which are contained on this label

NOTE: Additional data may be required to support registration of your product if your labeling text or graphics are altered from the example in this literature, where the hazards or efficacy are affected by such alterations

APPLICATION R

Crop	Pest
Apple	Apple worm
Asparagus	Asparagus beetle
Beans	Bean beetle
Broccoli	Broccoli worm
Brussels sprouts	Brussels sprout worm
Cabbage	Cabbage worm
Cauliflower	Cauliflower worm
Corn	Corn earworm
Cucumbers	Cucumber beetle
Garlic	Garlic beetle
Grass	Grasshopper
Horseradish	Horseradish beetle
Lettuce	Lettuce miner
Onion	Onion fly
Potato	Potato beetle
Spinach	Spinach beetle
Squash	Squash beetle
Strawberry	Strawberry beetle
Tomato	Tomato worm
Turnip	Turnip root fly
Watermelon	Watermelon beetle

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Apply BT to plants and soil when larvae are young. For armyworm control, apply to plants and thoroughly to adjacent soil when larvae are young. For most trees, the recommended amount of BT may be applied by high pressure hydraulic sprayers in 100 gallons of water per acre. Cover foliage thoroughly, but avoid runoff. Mist blower applications may use 10-20 gallons of water per acre. Spreaders and stickers improve coverage and are recommended. For vine, pome, citrus and tropical fruits, use recommended amount per 100 gallons water and apply 100 to 500 gallons of spray dilution per acre. Aerial applications should use recommended rates in 1/2 to 10 gallons of water per acre during early morning or evening hours when winds are low. Spray systems which produce a 200-300 micron droplet size are preferable.

Crop	Pest
Apples, Pears	Gypsey moth
Apples, Pears	Walnut caterpillar
Apples, Pears	Leafrollers
Apples, Pears	Cankerworms
Apples, Pears	Tent caterpillars
Apples, Pears	Redhumped caterpillar
Apples, Pears	Fall webworm

Crop	Pest
Forest, shade trees	Armyworms
Forest, shade trees	Pine butterfly
Forest, shade trees	Spruce budworm
Forest, shade trees	Western spruce budworm
Forest, shade trees	Douglas fir tussock
Forest, shade trees	Diamondback moth
Forest, shade trees	Gypsey moth
Forest, shade trees	Elm spanworm
Forest, shade trees	Bagworm, Saddleback
Forest, shade trees	Saddleback caterpillar
Forest, shade trees	Loopers, Waleem tussock
Forest, shade trees	Tobacco budworm
Forest, shade trees	Jack pine budworm
Forest, shade trees	Oleander moth
Forest, shade trees	Fall webworm
Forest, shade trees	Tent caterpillars
Forest, shade trees	Redhumped caterpillar
Forest, shade trees	Cankerworms, Oakworm
Forest, shade trees	Horntails

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Crop	Pest
Stored Products	Indian meal moth
Stored Products	Almond moth
Stored Products	Mediterranean Flour

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Manufactured by:



**Biochem
Products**

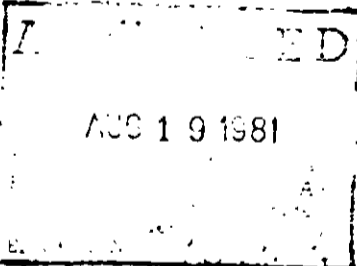
A Division of
Salsbury Laboratories, Inc.
A Member of
the Solvay Group
Montchanin, Delaware 19710

EPA Registration No.
43382-6

EPA Est. No.
43382-FR-01

Net Weight:
44 lb.

Lot No.



Product of France

BUG TIME

WETTABLE POWDER packaging of an Insecticide

Bacillus thuringiensis Berliner, var. *kurstaki*, primary powder fermentation International Units per milligram of product (equivalent to 7.3 billion IU of product)..... 20%
..... 80%
..... 100%

OUT OF REACH OF CHILDREN CAUTION

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS: Avoid inhalation or contact with eyes or open wounds

ENVIRONMENTAL HAZARDS

Keep out of lakes, ponds, or streams
Prevent contamination of surface water by cleaning of equipment or disposal of wastes

STORAGE AND DISPOSAL

Reclose containers of unused Bug Time. Store in cool, dry place
Reuse empty container. Perforate or crush and discard container according to local trash disposal regulations and in a safe place

DIRECTIONS FOR USE

Do not use this product in a manner inconsistent with its labeling
Wettable Powder provides best control when caterpillars are newly hatched and most susceptible to the product which must be eaten. Good leaf coverage is essential for insect control. Higher rates are generally necessary when infestations are heavy.

Apply to plants and thoroughly to adjacent soil when larvae are young
When mixing with water, pour the recommended amount into a 1/2 filled tank and agitate thoroughly until the mixing process is complete. BT is compatible with various fertilizers, and stickers except those that are highly alkaline in nature. Dilute mixture should stand for more than 12 hours.

Recommended amount of BT may be applied by high pressure hydraulic sprayers in mist or fog. Cover foliage thoroughly, but avoid runoff. Mist blower applications may be used at 100-200 gallons per acre.

For improved coverage and are recommended
For ornamental fruits, use recommended amount per 100 gallons water and apply 100 gallons per acre.

Use recommended rates in 1/2 to 10 gallons of water per acre during early season when winds are low. Spray systems which produce a 200-300 micron droplet size are preferred.

Small Quantity Use Rates

Teaspoonfuls per Gallon
1
2
4

The active ingredient in BT, *Bacillus thuringiensis*, is exempt from tolerance requirements and may be applied up to the day of harvest and in storage.

Do not use on plants which may be affected by the use of BT. Consult State Agricultural Extension or Experiment Station for specific recommendations related to local crop protection problems. Biochemical activity, express or implied, including the warranties of commercially acceptable quality for any particular purpose concerning this material, other than those which are stated on the label.

You may be required to support registration of your product, if your labeling text or other information does not conform to the example in this literature, where the hazards or efficacy are affected by the use of the product.



APPLICATION RATES FOR BUG TIME WP

Crop	Pest	Lb Acre
Apple	Armyworms	1.0
Apple	Tomato fruitworm	1.0
Apple	Corn earworm	1.0
Apple	Bollworm	1.0
Apple	Variegated cutworm	1.0
Apple	Salt marsh caterpillar	1.0
Apple	Mimosa webworm	1.0
Apple	Tobacco budworm	1.0
Apple	Loopers	1.0
Apple	Melonworm	1.0
Apple	Pickleworm	1.0
Apple	Diamondback moth	1.0
Apple	Imported cabbageworm	1.0
Apple	Green cloverworm	1.0
Apple	Hornworm	1.0
Apple	Tobacco budworm	1.0
Apple	Loopers	1.0
Apple	Hornworms	1.0
Apple	Grapeleaf skeletonizer	1.0
Apple	Loopers	1.0
Apple	Salt marsh caterpillar	1.0
Apple	Velvetbean caterpillar	1.0
Apple	Green cloverworm	1.0
Apple	Loopers	1.0
Apple	Skippers	1.0
Apple	Alfalfa caterpillar	1.0
Apple	Sod webworm	1.0
Apple	Rangeland caterpillar	1.0
Apple	Grapeleaf skeletonizer	1.0
Apple	Loopers	1.0
Apple	Salt marsh caterpillar	1.0
Apple	Grape leafroller	1.0
Apple	Leafrollers	1.0
Apple	Hornworms	1.0
Apple	Loopers	1.0
Apple	Tobacco budworm	1.0
Apple	Bollworm	1.0

Crop	Pest	Lb 100 Gallons (Ground Application)	Lb Acre (Air Application)
Apple	Gypsy moth	1.0	1.0
Apple	Walnut caterpillar	1.0	1.0
Apple	Leafrollers	1.0	1.0
Apple	Cankerworms	1.0	1.0
Apple	Tent caterpillars	1.0	1.0
Apple	Redhumped caterpillar	1.0	1.0
Apple	Fall webworm	1.0	1.0
Apple	Armyworms	1.0	1.0
Apple	Pine butterfly	1.0	1.0
Apple	Spruce budworm	1.0	1.0
Apple	Western spruce budworm	1.0	1.0
Apple	Douglas fir tussock moth	1.0	1.0
Apple	Diamondback moth	1.0	1.0
Apple	Gypsy moth	1.0	1.0
Apple	Elm spanworm	1.0	1.0
Apple	Bagworm	1.0	1.0
Apple	Saddled prominent	1.0	1.0
Apple	Saddleback caterpillar	1.0	1.0
Apple	Leafrollers	1.0	1.0
Apple	Loopers	1.0	1.0
Apple	Western tussock moth	1.0	1.0
Apple	Tobacco budworm	1.0	1.0
Apple	Bollworm	1.0	1.0
Apple	Corn earworm	1.0	1.0
Apple	Lo moth	1.0	1.0
Apple	Mimosa webworm	1.0	1.0
Apple	Jack pine budworm	1.0	1.0
Apple	Oleander moth	1.0	1.0
Apple	Fall webworm	1.0	1.0
Apple	Tent caterpillars	1.0	1.0
Apple	Redhumped caterpillar	1.0	1.0
Apple	Cankerworms	1.0	1.0
Apple	Oakworms	1.0	1.0
Apple	Hornworms	1.0	1.0
Apple	Leafrollers	1.0	1.0
Apple	Hornworms	1.0	1.0
Apple	Loopers	1.0	1.0
Apple	Orange dog	1.0	1.0

Stored Products	Pest	Lb 100 Gallons (Ground Application)	Lb Acre (Air Application)
Stored Products	Indian meal moth	1.0	1.0
Stored Products	Almond moth	1.0	1.0
Stored Products	Mediterranean flour moth	1.0	1.0