EPA Registration No. 43382-5

> EPA Est. No. 6218-MD-2

Net Contents

Net Weight: 9.16lb./gal. Lot. No.

31/388c-B-1-0984

Стор	Pest	Quarts/Acre
Field and Greenhouse vegetables, including		
Broccoli, Spinach, Collaids, Cauliflower, Kale, Lettuce, Rappini, Artichokes,	Armyworms Tomato fruitworm/Corn earworm/ Bollworm	1 2 (I tevery 5 7 days)
Turnips, Turnip greens, Beets, Celery, Mustard greens, Beans, Cabbage, Brussels Sprouts, Peas,	Variegated cutworm Salt marsh caterpillar Mimosa webworm	1 -4 1 -4 1
Chinese Cabbage, Sweet Potato, Kohlrabi, Endive, Sweet Corn, Tomatoes, Peppers, Eggplant,	Tobacco budworm Loopers, Melonworm, Pickleworm Diamondback moth	·
Escarole, Lentils, Potato, Spinach, Carrots, Cucumbers, Melons, Squash, Watercress	Imported cabbageworm Green cloverworm Hornworm, Artichoke plume moth	4 14 4 7 a a = 4
Tobacco	Tobacco budworm Loopers	-: 1 -: 1
	Hornworms rage use 3 fluid oz or 6 tablespoonfuls	
opened bundles and to walls and fl		
Saiflower, Sugar beets, Mints, Peanuts, Alfalla, Soybeans, Sunflowers, Hay, Pastures, Small grains,	Tobacco budworm/bollworm Loopers, Sunflower moth Salt marsh caterpillar Velvetbean caterpillar	** 1 ** 1 ** 1
Forage crops, Grain Sorghum	Green cloverworm, Sorghum headworm Skippers	14 1 14 17
Turt.	Alfalfa caterpillar Sod webworm Rangeland caterpillar	24
Rangeland Grapes, Bluebernes, Blackbernes, Cunants,	Grapeleaf skeletonizer	% I
Baspbernes, Hops, Strawhernes, Dewbernes	Loopers, Salt marsh caterpillar Grape leaffolder/leafrollers Hornworms	72 1 72 1 12 1 14 1
Colten	oco budworm	12.1 34.1
Apply at liist sign of 1st and total spray with ground equipme worm suppression reapply at 3-5 do	worm indworm or bollworm larvae. Use . 2.5 gallons/acre with aerial equipm y intervals or use the rooting report	nent To continue
Bactospeine at 25 to 10 quart/acre active ingredients (AI) acre to supp		t 225 to 6751bs

Crop	Pest	(Ground Application)	(Air Applicatio
Peaches, Plums	Gypsy moth	4 2 VL	1212
Chernes, Walnuts	Walnut caterpillar, Loopers	52 T	-÷ i
Almonds, Peçans,	Leafrollers, Green fruitworm	52 I	·: 1
Filberts.	Cankerworms	se 1	ie 1
Apples, Pears,	Tent caterpillars	*4 I	·: 1
Avocados Kiwis	Redhumped caterpillar	· 4 1	45 I
	Fall webworm	.,	÷
Forests Shade trees	Armyworms	1	
Omamental plants	Pine butterfly	•	
Flowers Shrubs	Spruce budworm	2	: 2
· mwera Dingna	Western spruce budworm	1	i
	Douglas fir tussock moth	i	;
	Diamondback moth		i
	Gypsy moth	2 V2	12 VE
	Elm spanworm	. 2 . 2	1
	Bagworm, Saddled prominent	.2 1	1
	Saddieback caterpillar, Leafrollers	÷ i	4.1
	Loopers, Western tussock moth	-1 1	3.1
	Tobacco budworm/Bollworm/	• •	• •
	Corn earworm	¹ 2]	-2 1
	lo moth, Mimosa webworm	41	3.1
	Jack pine budworm	-7 1	÷1
	Oleander moth	7 l	. 1
	Fall webworm	**	•
	Tent caterpillars	1.1	4.1
	Redhumped caterpillar	34.1	4 1
	Cankerworms, Oakworms	4.1	
	Hornworms	1	- 1
For hest control of Gy	neu math armlu when young larvae are	nterent and w	han laut

For best control of Gypsy moth apply when young larvae are present and when leaf expansion is 40 50%. Repeat in 1 to 3 weeks

For best control of spruce budworm apply on populations below 35 larvae per 18 inch branch tip and when 50% of the larvae are in the 3rd and 4th instar

Citrus	Leafrollers, Hornworms, Loopers	-2]	-: 1
Tropical fruits	Orangedog	-4 -2	-: 4 4
Stored Products grain legumes peanuts, oilseeds and other seeds	Indian meal moth Almond moth Mediterranean flour moth	10 quarts/100 gallons (3.2 fluid oz/gallon)	

and grains

Continuously agitate spray solution and spray at the rate of six pints per ten bushels to grain going into storage bins or bags on a conveyor or auger to obtain thorough mixing. After * 6 inches of grain in a bin may be treated during the bin filling process or after quart in ten gallons water per 500 square feet surface area and raked in



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DIRECTIONS FOR USE

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

Bactospeine (Bacillus thuringiensis) Flowable Concentrate 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.

To obtain a suitable mixture with water, pour the recommended amount into a ½ filled tank and agitate. Fill tank and maintain agitation until the mixing process is complete. Bactospeine is compatible with various insecticides, fungicides, spreaders, and stickers except those that are highly alkaline in nature. Reagitate if dilute spray is allowed to stand for more than 6 hours.

For most trees, the recommended amount of product 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 application should use recommended rates in up to 10 gallons of water per acre, during early mo. ning or evening hours when winds are low. Spray systems which produce a 50 300 micron droplet size are preferable

For small quantity, use 2 teaspoonfuls per gallon of water to provide an application rate of 1 qt/acre in 100 gallons of water.

Note: Because the active ingredient, Bacillus thuringiensis, is exempt from tolerance require ments, this product may be applied up to the day of harvest and in storage

Notice: Local conditions may affect the use of Bactospeine 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 quality and/or fitness for any particular purpose concerning this material, other than those which are contained on this label

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FLOWAB

CAUTION: KEEP OUT OF REACH OF

PRECAUTIONARY STATEMENTS

Hazards to Humans: Avoid inhalation
or contact with eyes or open wounds

STORAGE AND DISPOSAL

Storage: Tightly reclose containers of unused Bactospeine. Store in cool place. Activity may be impaired by storage at temperatures above 90°F Protect from freezing.

Disposal: Drums can be used for non-food products after thorough cleaning with water

Smaller sized containers should not be reused.
Perforate or crush and card container according to local transposal regulations

and in a safe place

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