

.....	10%
INERT INGREDIENTS:	90%
	<u>100%</u>

CAUTION

PRECAUTIONARY STATEMENTS

HAZARD TO HUMANS: Avoid inhalation or contact with eyes or open wounds.

STORAGE AND DISPOSAL

Storage: Tightly reclose containers of unused Bactospeins. 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 discard container according to local trash disposal regulations and in a safe

WAGE.

DIRECTIONS FOR USE

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

BACTOPENE (Shocking Sterilizants) Flocculant Concentrate provides best control when oomycetes are rarely 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 tolerance is desired.

To obtain a suitable mixture with water, pour the recommended amount into a 1% filled tank and agitate. Fill tank and maintain agitation until the mixing process is complete. BACTOFORE is compatible with various insecticides, fungicides, herbicides, and other chemicals except those that are highly alkaline in nature. Residues of these acids are allowed to stand for more than 6 hours.

For most uses, the recommended amount of product may be applied by high pressure hydraulic sprayers at 100 gallons of water per acre. Cover foliage thoroughly. Do not over-apply. Most flower applications may use 10-20 gallons of water per acre.

For virus, bacteria, citrus and tropical fruits, use recommended amount per 100 gallons water and apply 100 to 500 gallons of water solution per acre.

Aspen applications should also be recommended only in up to 10 gallons of water per acre during early morning or evening hours when winds are low. Spray systems which produce a 20-300 micron droplet size are preferable.

For small quantities, use 2 teaspoons per gallon of water to provide an application rate of 1 gram in 100 gallons of water.

Note: Because the seller is important, the seller's description, in accord with relevant requirements, the product can be carried up to the day of harvest and in storage.

APPLICATION RATES FOR BACTOSPEN-PC

Field and greenhouse vegetables, including
broccoli, cauliflower,
cabbage, etc. (other than Brussels sprouts)

ACCEPTED

1-2

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Apply at first sign of 1st and 2nd winter budworm or fallworm larvae. Use at least 7 gallons total spray with ground equipment or 2.5 gallons/acre with aerial equipment. To continue with suppression spray at 3-5 day intervals or use the scouting record recommendations.

Encapsulate at 25 to 100 gms/acre may be tank mixed with malathion at 775 to 675 lbs active ingredients (AI)/acre to suppress populations of early water borers.

Crop	Feed	Grains/100 Gallons (Ground Application)	Grains/Acre (Air Application)
Peaches, Plums	Opuntia moth	1/2-2 1/2	1-2 1/2
Cherries, Walnuts	Walnut caterpillar, Leafrollers	1/2-1	1/2-1
Almonds, "Acorns"	Leafrollers, Green budworms	1/2-1	1/2-1
Filberts, Prunels	Caneborers	1/2-1	1/2-1
Apples, Pears	Yeast caterpillars	1/2-1	1/2-1
Aspidos, Nuts	Redhumped caterpillar	1/2-1	1/2-1
	Fall webworms	1/2	1/2
Forests, Shade trees	Armyworms	1	
Ornamental plants	Pink bollworm	1	1
Flowers, Shrubs	Spruce budworm	1-2	1-2
	Western spruce budworm	1-2	1-2
	Stripped fir tussock moth	1-2	1-2
	Burnsawbush moth	1/2-1/2	1
	Opuntia moth	1/2-2 1/2	1-2 1/2
	Elm sawfly	1/2-1	1/2-1
	Begonia, Saddleback psyllids	1/2-1	1/2-1
	Saddleback caterpillar, Leafrollers	1/2-1	1/2-1
	Leafers, Western tentative moth	1/2-1	1/2-1
	Tentative budworm/Sawfly/Cane sawfly	1/2-1	1/2-1
	1/2 inch, Minnow webworm	1/2	1/2
	Jack pine budworm	1/2-1	1/2-1
	Shawnee moth	1/2-1	1/2-1
	Fall webworm	1/2	1/2
	Yeast caterpillars	1/2-1	1/2-1
	Redhumped caterpillar	1/2-1	1/2-1
	Caneborers, Greenworms	1/2-1	1/2-1
	Minnow	1/2-1	1/2-1

For best control of Sycoph math., apply when young "brins" are present and when leaf expansion is 40-50% (about 1 to 3 weeks).

For best control of spruce budworm, apply on populations below 25 larvae per 10-cm branch tip and when 50% of the larvae are in the 2nd and 4th instar.

Citrus	Leafrollers, Stemminers, Looper	9-1	9-1
Tropical fruits	Grasshopper	9-9	9-9
Stored Products (pests, grain, legumes, poultry, livestock, and other seeds and grains)	Indian Aphidid	10 quarts/1000 Sulfur (2 2 fluid oz/gallon)	
	Mediterranean Fruit Moth		

Continuously adjust spray volume and spray at the rate of six gallons per ten minutes to spray going into through hole or bags on a conveyor or auger to obtain thorough coating. Alternatively, the top 4-6 inches of grain is a fine way to treat during the bin filling process or after filling with one quart to two gallons water per 100 volume of surface area and reseed in.

Notice: Local conditions may affect the use of Bactospectin. Consult State Agricultural Extension or Experiment Station Specialists for specific recommendations related to insect crop protection problems. Dugher & V. makes no warranty, expressed or implied, that the use of Bactospectin will result in satisfactory results. We warrant only that the product is of commercially acceptable quality and that it is as described on the label. We make no warranty of any kind, expressed or implied, for any particular purpose or use. Bactospectin is sold as is, without warranty of any kind, expressed or implied, for any particular purpose or use. Bactospectin is sold as is, without warranty of any kind, expressed or implied, for any particular purpose or use.

DPA REG. NO. 37195-30

• FRACTIONAL DISTILLATION

DUPHAR B.V.

Crop Protection Division,
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1971 CP 2000, Holland

Net weight:

LOT NO.

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