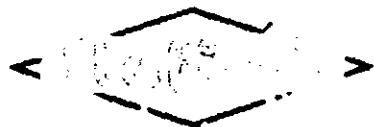


B A

A B



Bio-Spray is a biological insecticide which kills caterpillars and other leaf-eating insects. It is safe for use on all vegetables, fruits, and ornamental plants. It is also safe for use on lawns and gardens. Bio-Spray is a natural product and does not contain any harmful chemicals. It is a safe and effective way to control caterpillars and other leaf-eating insects.

DIRECTIONS FOR USE

For use on all vegetables, fruits, and ornamental plants. For use on lawns and gardens.

STORAGE AND DISPOSAL DIRECTIONS

Store in a cool, dry place. Do not use after the expiration date. Dispose of the product in accordance with the instructions on the label.

How to Use: Apply Bio-Spray to the leaves of the plant. Shake the container well before use. A recommended amount of Bio-Spray is 1/2 ounce per 100 square feet of area. For best results, apply Bio-Spray in the early morning or late afternoon. Bio-Spray works as a stomach poison. Caterpillars that eat a small amount of treated leaf will get a lethal dose. Thorough and uniform coverage of both sides of the leaf is essential for prompt and complete control.

Within a few hours after taking a bite of treated leaf, caterpillars stop feeding. Death follows in a few days.

Apply when caterpillars or other damage first appear. Re-treatment at 7 to 10 day intervals may be required, especially when egg hatch occurs over an extended period of time. Use of the higher range of recommended rates provides a longer period of control.

AMOUNT OF BIO-SPRAY TO APPLY

Ornamental and Shade Trees: Up to 25 feet tall.

PEST: Cabbage Moth Larvae and Bagworms: 2 to 4 Tablespoons per 100 sq. ft. of area. Elm Sawfly: 1 to 2. Spring and Fall Caterpillars, Inchworms, Fall Webworms: 2. For best control of Gypsy Moth, apply when caterpillars are small and on 3rd instars. Repeat treatment if necessary.

VEGETABLES**

PESTS	CATCH	Tablespoons per 100 sq. ft. of area
Broccoli, Cabbage, Cauliflower	Cabbage Looper, Imported Cabbage Worm	2 to 4
Beans, Collards, Kale, Lettuce, Melons, Mustard Greens, Potatoes, Spinach, Turnip Greens, Celery	Cabbage Looper	2 to 4
Celery	Celery Looper	2 to 4
Grapes	Grape Leaf Folder	2 to 4
Tomatoes	Cabbage Looper, Tomato Hornworm	2 to 4

**Bio-Spray may be applied up to the day of harvest.

EQUIVALENT DILUTIONS

1 tablespoonful: 4 oz. per 100 gallons
2 tablespoonfuls: 8 oz. per 100 gallons
4 tablespoonfuls: 1 lb. per 100 gallons

Manufactured for FERD STAFFEL S. San Antonio, TX 78208



bio-spray

Dipel X

BEST DOCUMENT AVAILABLE

A HOME & GARDEN FORMULATION FOR CONTROL OF LEAF-EATING CATERpillARS ON VEGETABLES, SHADE AND ORNAMENTAL TREES

ACTIVE INGREDIENT

Bacillus thuringiensis Berkner 4320 International
Units of potency per milligram * At least 675 billion viable spores per gram

INERT INGREDIENTS

99.14%
*Equivalent to 1.96 billion International Units of potency per pound of this product

X Dipel is the registered trademark of Abbott Laboratories

CAUTION

See back panel for additional cautions
Read All Directions Before Using

EPA Reg No 3284-28 EPA Est No 3284-TX-1

Net Weight 4 oz.