

1/24



I N S E C T I C I D E

4.5% WATER DISPERSIBLE LIQUID

For control of the Colorado potato beetle and the elm leaf beetle.

ACTIVE INGREDIENT

Bacillus thuringiensis var. *san diego*4.5%*
(* equivalent to 22,500 Colorado potato beetle International Units/mg or 89 billion Colorado potato beetle International Units/gallon of this product).

INERT INGREDIENTS95.5%

One gallon of this product contains 0.9 lbs of *Bacillus thuringiensis* var. *san diego*.

Not for sale, distribution or use after June 1, 1990.

M-One Insecticide is not to be used in the following California counties pending results of formal consultation with the Office of Endangered Species (OES), U.S. Fish and Wildlife Service: Butte, Colusa, Glenn, Kern, Merced, Sacramento, Solano, Sutter, Tehama, and Yolo.

**KEEP OUT OF REACH OF CHILDREN
CAUTION**

Statement of Practical Treatment
In case of contact with skin, eyes, open cuts or wounds, flush the contaminated area with water. If irritation occurs and persists, get medical attention.

See back panel for additional precautionary statements.

EPA Registration No. 53219-1
EPA Establishment No. 572-NJ-1
M-One is a registered trademark of Mycogen Corporation.

Net Contents: 5 gallons

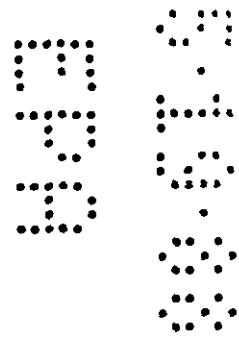
ACCEPTED

JUN 14 1988

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 53219-1



Mycogen Corporation
5451 Oberlin Drive
San Diego, CA 92121





GENERAL INFORMATION

Insect Host Range. This product is active against larvae of the Colorado potato beetle and larvae and adults of the elm leaf beetle. For control of other insect pests including Colorado potato beetle adults, aphids and leafhoppers, use other approved insecticides.

Application Timing. Egg and larval populations must be monitored frequently. Best results will be achieved through control of small beetle larvae. THE INITIAL SPRAY SHOULD BE MADE WHEN EGGS HATCH AND SMALL LARVAE ARE FIRST OBSERVED. Additional applications will be necessary for season-long plant protection. Use higher rates and more frequent applications when Colorado potato beetle larvae or elm leaf beetles are present in high numbers (see "DIRECTIONS FOR USE").

Mode of Action. This product must be eaten by susceptible pests to be effective. After eating foliage that has been sprayed with this product, beetles immediately stop feeding. Death usually occurs 2-5 days later.

PRECAUTIONARY STATEMENT

CAUTION

Hazard to Humans and Domestic Animals. Avoid inhalation and contact with eyes, skin and especially open cuts or wounds. When handling this product, wear gloves, dust mask or equivalent pulmonary tract covering, and goggles.

Environmental Hazard. Keep out of lakes, ponds or streams. Do not contaminate water when disposing of equipment washwaters.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. **Application Instructions.** UNIFORM SPRAY COVERAGE IS REQUIRED FOR BEST RESULTS.

Mixing and Handling. Fill spray tank 3/4 full with water and add recommended amount of this product to tank. Mix thoroughly while adding remainder of water. Agitate as necessary to maintain suspension. Spray solution must be used within 12 hours of mixing. Do not spray when rain is expected. If rain falls within 24 hours of treatment, re-application may be necessary.

Spray Volume. *Conventional ground application.* Mix recommended amount of product with at least 20 gallons of water per acre. *Aerial application.* Mix recommended amount of product with at least 3 gallons of water per acre. For application with hand-held equipment, use sufficient volume of water to obtain uniform foliar coverage.

Recommended Rates and Timing. Colorado potato beetle larvae (potato, tomato and eggplant): Make first application when egg hatch and small larvae are first observed. Repeat applications every 3-10 days to maintain desired control levels. Heavy larval populations will require more frequent applications. Rates of this product will vary based on larval beetle infestation levels and equipment* used:

Light to moderate infestation 2-3 quarts/A*

Moderate to heavy infestation 3-4 quarts/A*

If populations are exceptionally heavy, or many large beetle larvae are present, apply 5-6 quarts* of this product per acre. Mix this product with water volumes recommended in *Spray Volume* section above. For application with hand-held equipment, mix 2-4 oz. of this product per 1 gallon of water (1.5-3% solution). For control of Colorado potato beetle adults, use other approved insecticides.

*For aerial application, the higher recommended rate should be used.

Elm leaf beetle larvae and adults (elm). Make first application when egg hatch and small larvae are first observed. Repeat applications as needed until desired larval or adult control levels are reached. For light to moderate infestations, use 4-6 quarts of this product per 100 gallons of water (1-1.5% solution). For moderate to heavy infestations, use 6-8 quarts of this product per 100 gallons of water (1.5-2% solution). For best results, spray to near run-off (upper and lower leaf surfaces should be thoroughly wetted).

STORAGE AND DISPOSAL

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

Storage. Keep container unopened until use. Store unused product in original container. This product should be stored at temperatures between 35°F and 90°F.

Pesticide Disposal. Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

Container Disposal. Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

LIMIT OF WARRANTY AND LIABILITY

This product conforms to the description on this label and is reasonably fit for the purposes set forth on this label when used according to the label directions and under the specified label conditions. THE MANUFACTURER DISCLAIMS ANY AND ALL OTHER EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR PARTICULAR PURPOSE. Buyer and all users assume all risks and responsibility for loss or damage if this product is used, stored, handled or applied under any condition not reasonably foreseeable or beyond the manufacturer's control, or not as explicitly set forth in this label. THE LIMIT OF THE MANUFACTURER'S LIABILITY SHALL BE THE PURCHASE PRICE FOR THE QUANTITY INVOLVED. IN NO EVENT SHALL THE MANUFACTURER BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.



M-ONE®

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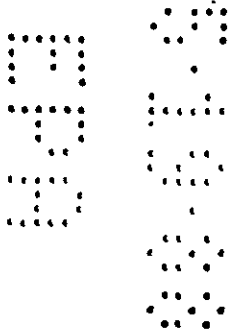
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