

CAUTION

This product is toxic to fish. Keep out of lakes, streams, or ponds. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label. Shrimp and crab may be killed at application rates recommended on this label. Do not apply where these are important resources.

This product is toxic to bees and should not be applied when bees are actively visiting the area.

Do not re-use the bag: burn or bury when empty.

CAUTION

Avoid inhalation. Wash thoroughly after handling.

DIRECTIONS FOR USE

Use only in accordance with label recommendations and precautions.

FARM BUILDINGS (Except Poultry Houses)

For control of Stable Flies, Houseflies, Face Flies, Fleas, Mosquitoes. Use 1 lb. in 2½ gals. of water. Apply 1 gal. of spray to 500 sq. ft. of surface, treating walls, floors, cracks, crevices, baseboards, pet bedding, stalls and pens. Such heavy deposits usually are effective for 3 to 6 weeks unless removed by weathering or other means. Care should be taken to avoid contamination of milk handling equipment, feedstuffs, feed troughs and water receptacles. Dairy animals should not be present while spraying. The use of any residual fly spray should be supplemented with proper sanitary measures, including spraying or removal of breeding sources such as manure in and around buildings.

MUSHROOM HOUSES—Mushroom Fly—Use 1 lb. in 3 gals. of water; apply 1 gal. of spray to 500 sq. ft. of beds, walls, floors, and posts. Apply 3 weeks and 1 week before emergence of mushrooms.

GRAIN STORAGE BINS, ELEVATOR TUNNELS (GALLERY FLOOR, HEADHOUSES), PEANUT WAREHOUSES, FREIGHT CARS, GRAIN TRUCKS, SHIPS' HOLDS

Aids in control of Cadelle, Flat Grain Beetle, Saw-Toothed Grain Beetle, Lesser Grain Borer, Red Flour Beetle, Long-Headed Flour Beetle, Rice Weevil, Granary Weevil, Confused Flour Beetle, Foreign Grain Beetle, and Hairy Fungus Beetle. Use 1 lb. in 2½ gals. of water; apply 1 gal. of spray per 500 sq. ft. of surface. Treat when empty.

STORED SEED

SEED POTATOES—Potato Tuberworm: Sprinkle "M" 50 over potatoes at 0.2 oz. per 100 lbs. before placing in storage. Do not use treated seed for food or feed purposes.

MOSQUITO BREEDING AREAS

As a mosquito larvicide for control of spring brood, make a single application during winter months at 2 lbs. per acre. Apply around the perimeter of lakes, streams, ponds, swamps, marshes, estuaries, and other areas of standing water (intermittently flooded areas, stagnant water, temporary rain pools, and ponds) where mosquito larvae are to be controlled.

FLOWERS, ORNAMENTALS

For control of Blister Beetles, Cankerworms, Cucumber Beetles, Flea Beetles, Fleahoppers, Flower Thrips, Japanese Beetle, Leafhoppers, Rose Chafer, Rose Slugs (sawflies). Use 2 to 3 lbs. per 100 gals. of water, or 2 tablespoons per gal.; spray thoroughly to runoff. Begin applications when insects first appear and repeat at 7 to 14 day intervals or as needed.

SHADE TREES AND SHRUBS

Test caterpillars, Cankerworms, Japanese Beetles. Use 2 to 3 lbs. per 100 gals. of water, or 2 tablespoonfuls per gal.; spray thoroughly to runoff. Begin applications when insects first appear and repeat at 7 to 14 day intervals as needed.

LIVESTOCK

DAIRY CATTLE—Direct Dusting for Control of Hornflies. Use one tablespoonful per animal. Sprinkle on poll, neck (top and sides), and back and upper sides, rub in lightly to carry powder beneath the hair. Repeat treatment every 3 weeks as needed. Do not use on dairy goats.

BEEF CATTLE, SHEEP, SWINE, NON-LACTATING DAIRY CATTLE, NON-LACTATING GOATS—For control of Hornflies, Lice, and Fleas. Repeat treatment every 3 weeks as needed; may be used on young dairy animals up to two weeks of freshening.

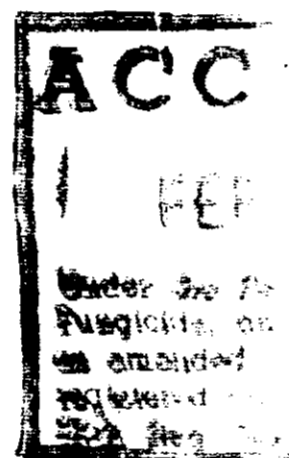
Spray or Dip—Use 2 lbs. in 25 gals. of water. As a spray, wet animals to the skin. For control of tail louse of cattle, use 4 to 6 lbs. in 25 gals. of water and apply as a spray on the infested tail only. Do not dip calves under one month of age.
Direct Dusting—Dust animal thoroughly; rub in lightly to carry powder beneath the hair. Application on sheep, following shearing, gives temporary relief from sheep ticks (keds).

AGRICULTURAL CROPS

Apply "M" 50 at recommended rates as a spray with ground or aerial equipment to thoroughly cover foliage and fruit. Mix "M" 50 in water using the appropriate volume of water for equipment to be used (for example, 5 to 20 gals. per acre for aircraft or ground concentrate sprayers and greater amounts for high volume sprayers). Con-

M 50
METHOXYCHLOR INSECTICIDE
WEED KILLER

For Dairy and Beef Cattle
& Certain Other Livestock
Crops—Buildings—Ornamentals

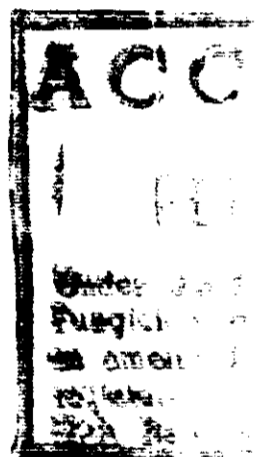


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M 50

HEAVENLY INSECTICIDE

For Dairy and Beef Cattle
& Certain Other Livestock
Crops—Buildings—Ornamentals



Note: "M" 50 may also be used as a dust by diluting with any suitable diluent, preferably talc or pyrophyllite. Use equivalent rates of "M" 50 per acre. Begin application at first sign of infestation (for fruits, begin at petal fall) and repeat at 7 to 14 day intervals or as needed.

FORAGE AND FIELD CROPS

ALFALFA, CLOVER, COWPEA, FORAGE GRASSES—Alfalfa Caterpillar, Alfalfa Weevil (larvae), Clover Leaf Weevil, Blister Beetles, Leafhoppers, Cucumber Beetles, Mexican Bean Beetle, Webworms, Fall Armyworm, Flea Beetles, Pea Weevil, Spittlebugs, Velvet Bean Caterpillar. 2 to 6 lbs. per acre. Armyworm, Cowpea Curculio, Japanese Beetle: 3 to 6 lbs. per acre. Do not apply within 7 days of harvest or grazing.

PEANUT, SOYBEAN—Velvet Bean Caterpillar, Mexican Bean Beetle, Japanese Beetle, Blister Beetles, Garden Webworm, Alfalfa Webworm, Cowpea Curculio, Leafhoppers, Fall Armyworm: 2 to 6 lbs. per acre. Do not apply within 7 days of harvest or grazing.

FRUITS

APPLE, PEAR, QUINCE—Apple Maggot, Codling Moth, Japanese Beetle, Plum Curculio, Tent Caterpillars: 7½ to 15 lbs. per acre, or 2 to 3 lbs. per 100 gals. water at 350 to 500 gals. per acre. Do not apply within 7 days of harvest.

APRICOT, CHERRY, NECTARINE, PEACH, PLUM, PRUNE—Cherry Fruitworm, Cherry Fruitflies, Japanese Beetle, Plum Curculio, Rose Chafer, Tent Caterpillar, Cankerworms: 7½ to 15 lbs. per acre, or 2 to 3 lbs. per 100 gals. water at 350 to 500 gals. per acre. Do not apply within 7 days of harvest.

BLUEBERRY, CRANBERRY, CURRANT, GOOSEBERRY—Japanese Beetle, Cranberry Fruitworm, Leafhoppers, San Jose Scale (crawlers): 2 to 6 lbs. per acre, or 2 to 3 lbs. per 100 gals. of water at 100 to 200 gals. per acre. Do not apply within 14 days of harvest.

BLACKBERRY, LOGANBERRY, RASPBERRY, BOYSENBERRY, DEWBERRY, YOUNG BERRY, STRAWBERRY—Rose Chafer, Strawberry Weevil, Flea Beetles, Omnivorous Leaf Tier, Spittlebug, Japanese Beetle: 2 to 3 lbs. per acre, or per 100 gals. per acre. Do not apply within 14 days of harvest.

GRAPE—Berry Moth, Grape Leafhopper, Japanese Beetle, Leaf Skeletonizer, Rose Chafer: 2 to 6 lbs. per acre or 2 to 3 lbs. per 100 gals. water at 100 to 200 gals. per acre. Do not apply within 14 days of harvest.

VEGETABLES

ASPARAGUS—Asparagus Beetles: 3 to 4½ lbs. per acre. Do not apply within 3 days of harvest, remove residues by washing or blanching.

BEANS, BLACK-EYED PEAS—Corn Earworm, Cucumber Beetles, Fall Armyworm, Alfalfa and Garden Webworms, Flea Beetles, Mexican Bean Beetle, Potato Leafhopper, Bean Leaf Beetle, Japanese Beetle: 3 to 6 lbs. per acre. Do not apply within 7 days of harvest. Apply within 3 days of harvest if vines are not used for feed or forage.

BRUSSELS SPROUTS, BEETS, BROCCOLI, CABBAGE, CARROT, CAULIFLOWER, COLLARD, EGGPLANT, KALE, KOHLRABI, LETTUCE, PEPPER, RADISH, RUTABAGA, SPINACH, TURNIP—Blister Beetles, Flea Beetles, Leafhoppers, Alfalfa Looper, Fall Armyworm, Japanese Beetle, Imported Cabbageworm: 3 to 4½ lbs. per acre. Do not apply within 14 days of harvest, except cauliflower and rutabaga, 7 days. cabbage, 3 days; eggplant, kohlrabi, and pepper, 7 days (1 day at 3½ lbs. per acre or less).

CORN—Fall Armyworm, Armyworm, Japanese Beetle, Flea Beetles: 3 to 4½ lbs. per acre. Do not apply within 7 days of harvest.

CUCUMBER, MELONS, PUMPKIN, SQUASH, SUMMER SQUASH—Squash Vine Borer, Fall Armyworm, Cucumber Beetles, Flea Beetles: 3 to 6 lbs. per acre. Do not apply within 7 days of harvest. 1 day for rates of 3½ lbs. per acre and below.

PEAS—Alfalfa Looper, Pea Weevil (to foliage early bloom before eggs are laid and again 5 days later), Bean Leaf Beetle: 3 to 6 lbs. per acre. Do not apply within 7 days of harvest.

POTATO (IRISH)—Colorado Potato Beetle, Flea Beetles, Fall Armyworm, Leafhoppers, Blister Beetles: 3 to 4½ lbs. per acre.

SWEET POTATO, YAMS—Fall Armyworm, Flea Beetles: 3 to 4½ lbs. per acre.

TOMATO—Colorado Potato Beetle, Flea Beetles, Fall Armyworm, Leafhoppers, Blister Beetles: 3 to 6 lbs. per acre. Do not apply within 1 day of harvest for rates of 3½ lbs. and below, otherwise, 7 days.

WARRANTY AND LIMITATION OF DAMAGES. Helena Chemical Company warrants that this material conforms to the chemical description on the label and is reasonably fit for the purposes referred to in the Directions for Use and Conditions of Sale, subject to the inherent risks referred to therein. Helena Chemical Company makes no other express or implied warranty, including any other express or implied warranty of **FITNESS** or of **MERCHANTABILITY**, and no agent of Helena Chemical Company is authorized to do so except in writing with a specific reference to this warranty. Any damages arising from a breach of this warranty shall be limited to direct damages, and shall not include consequential commercial damages such as loss of profits or value, etc.

EPA Reg. No. 5905-410

Manufactured by

M-50

METHOXYCHLOR INSECTICIDE

WETTABLE POWDER

For Dairy and Beef Cattle
& Certain Other Livestock
Crops—Buildings—Ornamentals

CAUTION:

KEEP OUT OF REACH OF CHILDREN
See other precautions on side panel



ACCEPTED
FEB 10 1977