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ACCEPTED
SEP 18 1978
Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 352 75



DIRECTIONS--CONTINUED FROM BACK PANEL

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. water at 100 to 200 gals. per acre. PHL 14 days.

BLACKBERRY, LOGANBERRY, RASPBERRY, BOYSENBERRY, DEWBERRY, YOUNGBERRY, STRAWBERRY - Rose Chaler, Strawberry Weevil, Flea Beetles, Omnivorous Leaf Tier, Spittlebugs, Japanese Beetle 2 to 3 lbs. per acre or per 100 gals. per acre. PHL 14 days.

GRAPE - Berry Moth, Grape Leafhopper, Japanese Beetle, Leaf Skeletonizer, Rose Chaler 2 to 6 lbs. per acre or 2 to 3 lbs. per 100 gals. water at 100 to 200 gals. per acre. PHL 14 days.

VEGETABLES

ASPARAGUS - Asparagus Beetles 2 to 4 1/2 lbs. per acre. PHL 11 applied 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 2 to 6 lbs. per acre. PHL 7 days. 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 2 to 4 1/2 lbs. per acre. PHL 14 days except cauliflower and rutabaga 7 days, cabbage 3 days, eggplant, kohlrabi, and pepper 7 days (1 day at 3 1/2 lbs. per acre or less).

CORN - Fall Armyworm, Armyworm, Japanese Beetle, Flea Beetles 2 to 4 1/2 lbs. per acre. PHL 7 days.

CUCUMBER, MELONS, PUMPKIN, SQUASH, WINTER SQUASH - Squash Vine Borer, Fall Armyworm, Cucumber Beetles, Flea Beetles 2 to 6 lbs. per acre. PHL 1 day for rates of 3 1/2 lbs. per acre and below, otherwise 7 days.

PEAS - Alfalfa Looper, Pea Weevil (to foliage early bloom before eggs are laid and again 5 days later), Bean Leaf Beetle 2 to 6 lbs. per acre. PHL 7 days.

POTATO (IRISH) - Colorado Potato Beetle, Flea Beetles, Fall Armyworm, Leafhoppers, Blister Beetles 2 to 4 1/2 lbs. per acre. PHL None.

SWEET POTATO, YAM - Fall Armyworm, Flea Beetles 2 to 4 1/2 lbs. per acre. PHL None.

TOMATO - Colorado Potato Beetle, Flea Beetles, Fall Armyworm, Leafhoppers, Blister Beetles 2 to 6 lbs. per acre. PHL 1 day for rates of 3 1/2 lbs. and below, otherwise 7 days.

MARLATE 5

INSECTICIDE

WETTABLE POWDER

For Dairy And Beef Cattle & Certain Other Live

Crops • Buildings • Ornamentals

ACTIVE INGREDIENT:

*Methoxychlor, Technical

INERT INGREDIENTS

50% Methoxychlor, Technical is equivalent to 44-2,2-bis(p-methoxyphenyl) 1-ethane and 6% other isomers and reaction products.

Keep out of reach of children.

Wash thoroughly after handling.

EPA Reg. No.

IMPORTANT: Do not use this product on crops, buildings, or ornamentals where it is applied when the temperature is below 50°F. This product is not for use on crops, buildings, or ornamentals where the temperature is below 50°F. Do not use this product on crops, buildings, or ornamentals where the temperature is below 50°F. Do not use this product on crops, buildings, or ornamentals where the temperature is below 50°F.



NET 4 LBS.

E. I. DU PONT DE NEMOURS & COMPANY
BIOCHEMICALS DEPARTMENT, WILMINGTON, DE

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ACCEPTED

SEP 18 1978

DU PONT

Under the Federal Insecticide, Fungicide, and Rodenticide Act as amended, for the pesticide registered under EPA Reg. No. 352-75

REG. U.S. PAT. & TM. OFF.

MARLATE 50

INSECTICIDE

WETTABLE POWDER

For Dairy And Beef Cattle & Certain Other Livestock

Crops • Buildings • Ornamentals

ACTIVE INGREDIENT:

*Methoxychlor, Technical 50%

INERT INGREDIENTS 50%

*50% Methoxychlor, Technical is equivalent to 44% 2,2-bis (p-methoxyphenyl)-1,1,1-trichloroethane and 6% other isomers and reaction products.

Keep out of reach of children.

Wash thoroughly after handling.

EPA Reg. No. 352-75-AA

IMPORTANT—This product is toxic to bees and should not be applied when bees are actively visiting the area. Do not re-use bag, bury when empty. 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.



NET 4 LBS.

EPA Est. 352-NJ 1

E. I. DU PONT DE NEMOURS & COMPANY (INC.)
BIOCHEMICALS DEPARTMENT, WILMINGTON, DELAWARE

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Du Pont warrants that the above description is in accordance with the use of or other units of such factors as materials, or they are beyond the liability for or resulting from such risks shall be made. MAKES NO WARRANTY FOR A PAUSE OR A EXPRESS OR ABOVE.

Du Pont "Make in accordance in separate package through

For control of Stequitos: Use 1 lb to 500 sq. ft. of ices, baseboards, deposits usually moved by weather to avoid contam stuffs, feed trough should not be pre fly spray should insure, including such as manure MUSHROOM gals. of water; a walls, floors, any emergence of m GRAIN STORAGE (GALL PEANUT WAF TI Aids in control Grain Beetle, Le Headed Flour Be Flour Beetle, For Use 1 lb. in 2 1/2 sq. ft. of surface

SEED POTATO late" 50 over pot in storage. Do no

FROM BACK PANEL

CURRANT, CRANBERRY, Japanese Beetle, Cranberry Fruitworm, Flea Beetles (crawlers): 2 to 6 lbs. per acre. Water at 100 to 200 gals. per acre.

RASPBERRY, STRAWBERRY, Strawberry Weevil, Flea Beetle, Spittlebugs, Japanese Beetle: 2 to 6 lbs. per acre. PHL: 14 days.

LEAFHOPPER, Japanese Beetle, Flea Beetle: 2 to 6 lbs. per acre or 2 to 3 lbs. per acre. PHL: 100 to 200 gals. per acre.

VEGETABLES
Colorado Potato Beetle: 2 to 4 1/2 lbs. per acre. After harvest, remove residues by plowing.

PEAS—Corn Earworm, Cucumber Beetle, Alfalfa and Garden Webworms, Flea Beetle, Potato Leafhopper, Bean Leafhopper: 2 to 6 lbs. per acre. PHL: 7 days after harvest if vines are not used for silage.

CABBAGE, BEETS, BROCCOLI, CAULIFLOWER, COLIFLOWER, KALE, KOHLRABI, LETTUCE, RADISH, RUTABAGA, Flea Beetles, Flea Beetles, Leafhopper, Armyworm, Japanese Beetle, Flea Beetle: 2 to 4 1/2 lbs. per acre. PHL: 14 days for cabbage, 7 days for rutabaga, 7 days for pepper (1 day at 3 1/2 lbs. per acre).

ARMYWORM, Japanese Beetle, Flea Beetle: 2 to 4 1/2 lbs. per acre. PHL: 7 days.

SQUASH, PUMPKIN, Squash Vine Borer, Fall Armyworm, Flea Beetles—2 to 6 lbs. per acre. PHL: 7 days.

WEVIL (to foliage early bloom again 5 days later), Bean Leafhopper: 2 to 4 1/2 lbs. per acre. PHL: 7 days.

POTATO BEETLE, Flea Beetles, Colorado Potato Beetle, Flea Beetles, Blister Beetles: 2 to 4 1/2 lbs. per acre.

YAM—Fall Armyworm, Flea Beetle: 2 to 4 1/2 lbs. per acre. PHL: None.

POTATO BEETLE, Flea Beetles, Blister Beetles: 2 to 6 lbs. per acre. PHL: 7 days.

◀ DIRECTIONS—CONTINUED FROM SIDE PANEL

NOTICE OF WARRANTY

Du Pont warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of factors such as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Du Pont. In no case shall Du Pont be liable for consequential, special or indirect damages resulting from the use or handling of this product. All risks shall be assumed by the Buyer. DU PONT MAKES NO WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE NOR ANY OTHER EXPRESS OR IMPLIED WARRANTY EXCEPT AS STATED HEREIN.

DIRECTIONS

Du Pont "Marlate" 50 Insecticide should be used only in accordance with recommendations on this label, or separate published Du Pont recommendations available through local dealers.

FARM BUILDINGS

(Except Poultry Houses)

Control of Stable Flies, Houseflies, Face Flies, Fleas, Mosquitoes: Use 1 lb. in 2½ gals. of water. Apply 1 gal. of spray per 100 sq. ft. of surface, treating walls, floors, cracks, crevices, doorboards, pet bedding, stalls and pens. Such heavy treatments usually are effective for 3 to 6 weeks unless reborn by weathering or other means. Care should be taken to avoid contamination of milk handling equipment, feed troughs and water receptacles. Dairy animals should not be present while spraying. The use of any residual insecticide 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, floors, and posts. Apply 3 weeks and 1 week before emergence of mushrooms.

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

Control of Cadelle, Flat Grain Beetle, Saw-Toothed Grain Beetle, Lesser Grain Borer, Red Flour Beetle, Longhorn 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

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

CONTINUED ON BACK PANEL

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 tablespoonfuls 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

Tent Caterpillars, Cankerworms, Japanese Beetle: 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 rounded 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 "Marlate" 50 at recommended rates as a spray with ground or aerial equipment to thoroughly cover foliage and fruit. Mix "Marlate" 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). Continuous agitation is required to keep the material in suspension. For small areas, use 2 tablespoonfuls "Marlate" 50 per gal. of water and apply as a thorough coverage spray.

Note: "Marlate" 50 may also be used as a dust by diluting with any suitable diluent, preferably talc or pyrophyllite. Use equivalent rates of "Marlate" 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. Do not apply to crops within the number of days specified before harvest or grazing as shown by PHL (preharvest limitation).

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, Armyworm, Fall Armyworm, Cowpea Curculio, Flea Beetles, Japanese Beetle, Pea Weevil, Spittlebugs, Velvet Bean Caterpillar: 2 to 6 lbs. per acre. PHL: 7 days.

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. PHL: 7 days.

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. PHL: 7 days.

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. PHL: 7 days for cherries, plums, prunes; 21 days for apricots, nectarines, peaches.

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