

DIRECTIONS—CONTINUED FROM BACK PANEL

**VEGETABLES**

**ASPARAGUS**—Asparagus Beetles, 2 to 4 lbs. per acre. PHL. If 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 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 lbs. per acre or less).

**CORN**—Fall Armyworm, Armyworm, Japanese Beetle, Flea Beetles, 2 to 4 lbs. per acre. PHL. 7 days.

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

**PEAS**—Alfalfa Looper, Flea Weevil, 2 to 4 lbs. per acre. PHL. 7 days.

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

**SWEET POTATO, YAM**—Fall Armyworm, Flea Beetles—2 to 4 lbs. per acre. PHL. None.

**TOMATO**—Colorado Potato Beetle, Flea Beetles, Fall Armyworm, Leafhoppers, Blister Beetles, 2 to 4 lbs. per acre. PHL. 1 day for rates of 3 lbs. and less, otherwise 7 days.

**NOTICE TO BUYER**—See warranty on the product container. The treatment described on this label is intended for use only for the purposes stated on the label and when used in accordance with the treatment guidelines on the label. This warranty does not extend to use of this product under conditions not listed on the label. The user assumes all responsibility for the results of the use of this product. The user must read the label carefully and follow the directions on the label.



REGISTERED PATENT

# MARLATE 50

METHOXYCHLOR 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(4-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 a restricted use pesticide. It is not to be used on food crops, ornamentals, or other uses not listed on the label. It is not to be used in or near water bodies. It is not to be used on or near birds, bees, or other beneficial insects. It is not to be used on or near fish, shellfish, or other aquatic life. It is not to be used on or near mammals, including humans. It is not to be used on or near plants, animals, or other organisms that are not listed on the label. It is not to be used on or near any other organisms that are not listed on the label. It is not to be used on or near any other organisms that are not listed on the label.



**NET 4 LBS.**

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

85% OF ACTUAL SIZE

**DIRECTIONS**

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

**FARM BUILDINGS**  
(Except Poultry Houses)

For control of Stable Flies, Houseflies, Face Flies, Flies, Mosquitoes, Use 1 lb. in 2 1/2 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, feed stuffs, 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 bed-walls, floors, and posts. Apply 3 weeks and 1 week before emergence of mushrooms.

**GRAIN STORAGE BINS, ELEVATOR TUNNELS**  
(GALLERY FLOOR, HEADHOUSE),  
**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, Confuser Flour Beetle, Foreign Grain Beetle, and Hairy Fungus Beetle. Use 1 lb. in 2 1/2 gals. of water; apply 1 gal. of spray per 500 sq. ft. of surface. Treat when empty.

**STORED SEED**

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

**MOSQUITO BREEDING AREAS**

As a mosquito larvicide for control of spring breeding, 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, sloughs, 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 Chaffer, Rose Slugs (sawflies), Use 2 to 3 lbs. per 100 gals. of water, or 2 tablespoonfuls per gallon, spray thoroughly through foliage. Begin applications when insects first appear and repeat at 7 to 14 day intervals as needed.

**SHADE TREES AND SHRUBS**

For control of Caterpillars, Cankerworms, Japanese Beetle, Use 2 lbs. per 100 gals. of water, or 2 tablespoonfuls per gallon, spray thoroughly through foliage. Begin applications when insects first appear and repeat at 7 to 14 day intervals as needed.

CONTINUED ON BACK PANEL

◀ DIRECTIONS—CONTINUED

**DAIRY CATTLE**—Drench or sprinkle on powder beneath the hair.

**BEEF CATTLE; S LACTATING GOATS**—weeks as needed, may spray or dip—Use 2 1/2 tail loads of cattle; use 4 Do not dip calves under Direct Dusting—Dust cotton or sheep; follow

Apply "Marlate" 50 at roughly cover foliage and equipment to be used sprayers and greater of the material in suspension and apply as a thorough

Note: "Marlate" 50 may or pyrophyllite. Use equ

Begin application at first day intervals, if as needed, or grazing as show

**ALFALFA, CLOVE**—Apply 1 lb. per acre. Flea Beetle, Webworm, Armyworm, spittlebugs

**PEANUT, SOYBEAN**—Flea Beetles, Garden Webworm, 2 to 4 lbs. per acre. PHL. 7

**APPLE, PEAR, QU**—Apply 1 lb. per acre. PHL. 7 days

**APRICOT, CHERRY**—Apply 1 lb. per acre. PHL. 7 days

**BLUEBERRY, CRAW**—Apply 1 lb. per acre. PHL. 7 days

**BLACKBERRY, L BERRY, YOUNG BERRY**—Apply 1 lb. per acre. PHL. 14 days

**GRAPE**—Apply 1 lb. per acre. PHL. 7 days

ACCEPTED

**DIRECTIONS**

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

**FARM BUILDINGS  
(Except Poultry Houses)**

For control of Stable Flies, Houseflies, Face Flies, Fleas, Mosquitoes. Use 1 lb. in 2 1/2 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, feed stuffs, 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, HEADHOUSE),  
PEANUT WAREHOUSES, FREIGHT CARS, GRAIN  
TRUCKS, SHIPS' HOLDS**

Acts 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 2 1/2 gals. of water, apply 1 gal. of spray per 500 sq. ft. of surface. Treat when empty.

**STORED SEED**

**SEED POTATOES**—Potato Tuberworm—Sprinkle "Marlate" 50 over potatoes at 0.2 oz. per 100 lbs. before planting 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, sloughs 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 tablespoonfuls per gal. spray thoroughly to runoff. Begin applications when insects first appear and repeat at 7 to 14 day intervals as needed.

**SHADE TREES AND SHRUBS**

For 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.

CONTINUED ON BACK PANEL

**DIRECTIONS—CONTINUED FROM SIDE PANEL**

**LIVESTOCK**

**DAIRY CATTLE**—Direct Dusting for control of Hornflies. Use one rounded tablespoon of powder per animal. Sprinkle on poll, neck, chest and sides, and back and upper sides, rub thoroughly into 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-lice 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 thoroughly to carry powder beneath the hair. Application on sheep, following shearing, gives temporary relief from sheep ticks, etc.

**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 overhead spray.

Note: "Marlate" 50 may also be used as a dust by blending with any suitable inert dust, 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 plants within the number of days specified before harvest or grazing as shown by PHL (preharvest interval).

**FORAGE AND FIELD CROPS**

**ALFALFA, CLOVER, COWPEA, FORAGE GRASSES**—Acts in control of Alfalfa Weevil (larvae), Clover Leaf Weevil, Blister Beetles, Leafhoppers, Cucumber Beetles, Mexican Bean Beetle, Webworms, Armyworm, Fall Armyworm, Cowpea Curculionid, 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 Weevil, Curculionid, Leafhoppers, Fall Armyworm, Flea Beetles. 2 to 6 lbs. per acre. PHL 7 days.

**FRUITS**

**APPLE, PEAR, QUINCE**—Apple Maggot, Pear Maggot, Japanese Pear and Pear Leaf Caterpillars. 7 to 10 lbs. per acre or 2 to 3 lb. per 100 gals. water at 100 to 200 gals. per acre. PHL 7 days.

**APRICOT, CHERRY, NECTARINE, PEACH, PLUM, PRUNE**—Cherry Fruitworm, Cherry Fruitflies, Japanese Beetle, Pear Curculionid, Pear Leaf Caterpillar, Pear Leaf Weevil. 15 lbs. per acre or 2 to 3 lb. per 100 gals. water at 100 to 200 gals. per acre or 2 to 3 lb. per 100 gals. water at 100 to 200 gals. per acre. PHL 14 days.

**BLUEBERRY, CRANBERRY, CURRANT, GOOSEBERRY**—Japanese Pear Leaf Caterpillar, Blueberry Fruitworm, Leafhoppers, San Jose Scale (larvae). 2 to 3 lbs. per acre or 2 to 3 lb. per 100 gals. water at 100 to 200 gals. per acre. PHL 14 days.

**BLACKBERRY, LOGANBERRY, RASPBERRY, BOYSENBERRY, DEWBERRY, YOUNGBERRY, STRAWBERRY**—Rose Chafer, Strawberry Weevil, Flea Beetles, Omnivorous Leaf Tier, Spittlebugs, Japanese Beetle. 2 to 3 lbs. per acre or 2 to 3 lb. per 100 gals. water at 100 to 200 gals. per acre. PHL 14 days.

**GRAPE**—Berry Moth, Grape Leafhopper, Grape Leafhopper, Leafhopper, Japanese Beetle. 2 to 3 lbs. per acre or 2 to 3 lb. per 100 gals. water at 100 to 200 gals. per acre. PHL 14 days.

CONTINUED ON SIDE PANEL

50%  
50%  
chloro

75 AA

(C.)  
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