

ACCEPTED

MAR 17 1972

ENTER THE FEDERAL INSECTICIDE
FUNGICIDE AND RODENTICIDE ACT
FOR ECONOMIC POISON REGISTER
FD UNDER NO. 75-100000 SUBJECT
TO ATTACHED COMMENTS

BONIDE

METHOXYCHLOR 50W INSECTICIDE

FOR
AGRICULTURAL CROPS (VEGETABLE, FRUIT TREE,
FIELD & FORAGE), DAIRY CATTLE, BEEF CATTLE,
FARM BUILDINGS, GRAIN STORAGE BINS

ACTIVE INGREDIENTS
Methoxychlor, Technical
INERT INGREDIENTS
Equivalent to 44% 2,2-bis (p-methoxyphenyl) 1,1,1-trichloroethane
and 6% other isomers and reaction products

EPA Reg. No. 4-162
50%
50%

CAUTION: KEEP OUT OF REACH OF CHILDREN
(See cautions on side panel) 1 LB. NET

DIRECTIONS

BEEF CATTLE, SHEEP, GOATS, SWINE — May be used on young dairy animals up to two weeks of freshening — Hornflies, lice and fleas. Repeat treatment every 3 weeks as needed. Do not use on dairy goats.

SPRAY OR DIP — Spray 2 lbs. per 25 gals. of water. Thoroughly wet animals, two quarts per head per large animals and proportionately less for smaller ones. For control of tail louse of cattle, use 4 to 6 lbs. per 25 gals. of water and apply as a spray on the infested tail only. Dip in the dip tank of water. Force animal to walk through a tank full of solution sufficiently deep to become thoroughly wet. Do not dip calves under 1 month of age.

DIRECT DUSTING — Dust animal thoroughly; rub in lightly to carry powder beneath the hair. Application to sheep following shearing gives best protection from sheep ticks (keds).

DAIRY CATTLE — Hornflies. Direct Dusting — one rounded tablespoonful per animal. Sprinkle on poll, neck, top and sides, and back. Apply powder in lightly to carry powder beneath the hair. Treatment is usually effective for about three weeks.

GUINEA PIGS — Lice: Dip Treatment — 6 tablespoonsful per gallon water (1 treatment is usually adequate; also dip again 3 days later). Mix 1 lb. Methoxychlor 50W with 9 parts talcum powder. Rub into fur.

DOGS, CATS — Fleas: Dust Treatment — Mix 1 part Methoxychlor 50W with 9 parts talcum powder (total). Rub into fur, especially between the ears. Areas with 1 lb. in 5 gals. water (12 teaspoonsful per quart); do not contaminate feed or drinking water.

FARM BUILDINGS (NOT INCLUDING POULTRY HOUSES) — For controlling stable flies, houseflies and fleas, face fly, manure gnats, etc. Mix 1 lb. Methoxychlor 50W with 9 parts talcum powder. Apply one gallon of spray mixture to approximately 500 sq. ft. of surface — treating walls, floors, cracks, crevices, baseboards, pet bedding, etc. 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 watering 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 around buildings.

GRAIN STORAGE BINS — 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. 1 lb. in 25 gallons water; apply 1 gallon spray per 100 sq. ft.; treat when empty.

AGRICULTURAL CROPS: Begin treatment at first sign of infestation and continue as needed. Treatment schedule for fruits, vegetables and forage crops is given in the following table. It sprays as needed (usually 7 to 14 day intervals).

Mix is directed and apply as a complete coverage spray (to run off) 5 to 8 teaspoonsful per gallon water equals 2 1/4 lbs. per 100 gals.

FRUITS: Apple, pear, quince — Apple maggot, codling moth, Japanese beetle, plum curculio, leaf caterpillar. 2 to 3 lbs. per 100 gals. Do not apply within 7 days of harvest.

PLUMS: Cherry, nectarines, peaches, plums, prunes — cherry fruitworm, cherry fruit fly, Japanese beetles, plum curculio, leaf caterpillar, European spruce sawfly, cankerworms. 3 lbs./100 gals. (2 1/4 to 15 lbs./acre); Do not apply within 21 days of harvest, except cherries, plums and prunes which may be harvested.

BERRIES: Strawberry, loganberry, raspberry, boysenberry, dewberry, youngberry, strawberry — Rose chafer, strawberry weevil, flea beetles, etc. 2 to 3 lbs. per 100 gals. (2 to 6 lbs./acre); do not apply within 14 days of harvest.

GRAPE: Berry moth, grape leafhopper, Japanese beetle, leaf skeletonizer, rose chafer. 2 to 3 lbs. per 100 gals. (2 to 6 lbs./acre); do not apply within 14 days of harvest.

VEGETABLES

ASPARAGUS — Asparagus beetle, twelve spotted asparagus beetle: 2 to 3 lbs. per 100 gals. (2 to 6 lbs./acre); do not apply within 14 days of harvest.

BEANS, BLACKEYED PEAS — Corn earworm, cucumber beetles, fall armyworm, alfalfa and garden webworm, flea beetle. Mix 1 lb. Methoxychlor 50W with 9 parts talcum powder. Hopper, bean leaf beetle, Japanese beetle, spotted and striped cucumber beetles: 2 to 3 lbs. per 100 gals. (2 to 6 lbs./acre); do not apply within 7 days of harvest.

BRUSSELS SPROUTS, BEETS, BROCCOLI, CABBAGE, CARROTS, CAULIFLOWER, COLLARD, EGGPLANT, KALE, KOHLRABI, LETTUCE, PEPPERS, RADISH, RUTABAGA, SPINACH, TURNIP — Blister beetle, flea beetle, leafhopper, alfalfa looper (spinach), fall armyworm, Japanese beetle, imported cabbageworm, flea beetle, Japanese beetle, spotted and striped cucumber beetles: 2 to 3 lbs. per 100 gals. (2 to 6 lbs./acre); do not apply within 14 days of harvest except cauliflower, rutabaga, eggplant, kohlrabi, peppers with 7 days of harvest and cabbage 3 days of harvest. On eggplant, lettuce, peppers — apply at the rate of 2 1/4 lbs./100 gals. (2 1/4 lbs./acre).

CANTALOUPE, CUCUMBER, PUMPKIN, SQUASH, SUMMER SQUASH, WATERMELON — Squash vine borer, fall armyworm, striped and spotted cucumber beetles, flea beetles: 2 to 3 lbs./100 gals. (2 to 6 lbs./acre). Do not apply within 7 days of harvest.

CORN — Fall armyworm, army worm, Japanese beetle, flea beetle: 2 to 3 lbs. per 100 gals. (2 to 6 lbs./acre). Do not apply within 14 days of harvest.

PEA — Alfalfa looper, pea weevil, bean leaf beetle: 2 to 3 lbs. per 100 gals. (2 to 6 lbs./acre). Do not apply within 7 days of harvest.

POTATO (IRISH), TOMATO — Colorado potato beetle, flea beetles, fall armyworm, leafhopper, blister beetle: 2 1/4 lbs. per 100 gals. (2 1/4 lbs./acre); do not apply within 7 days of harvest of tomatoes; potato tuberworm: Mix 1 heaping teaspoon in 1/2 gallon water and spray over 100 lbs. seed potatoes. Do not use potatoes for food.

SWEET POTATO, YAMS — Fall armyworm, flea beetle: 2 1/4 lbs. per 100 gals. (2 1/4 lbs./acre), no pre harvest limitation.

FORAGE AND FIELD CROPS

ALFALFA, CLOVER, COWPEAS, FORAGE GRASSES — Alfalfa caterpillar, alfalfa weevil, clover leaf weevil, meadow spittle bug, blister beetle, clover leaf weevil, garden and alfalfa webworm, spotted cucumber beetle, Mexican bean beetle, webworm, armyworm, fall armyworm, alfalfa weevil, Japanese beetle, pea weevil, spittlebugs, velvet bean caterpillar: 2 to 3 lbs. per 100 gals. (2 to 6 lbs./acre). Do not apply within 7 days of harvest.

PEANUTS, SOYBEANS — Velvet bean caterpillar, Mexican Bean beetle, Japanese beetle, blister beetle, garden webworm, alfalfa weevil, cutworm, leafhopper, fall armyworm: 2 to 3 lbs. per 100 gals. (2 to 6 lbs./acre); do not apply within 7 days of harvest.

GRAINS (CORN) — Armyworm, fall armyworm, Japanese beetle, flea beetle: 2 to 6 lbs. per acre. Do not apply to corn within 14 days of harvest.

(BARLEY, OATS, RICE, RYE, SORGHAM, WHEAT) — Seed Treatment Only: For control of cadelle, flat grain beetle, saw-toothed grain borer, rice weevil, granary weevil, foreign grain beetle, hairy fungus beetle, apply at rate of 2 oz. bushel in 200 gal. water.

Do not use as food or feed.

CAUTION: Wash thoroughly after handling. Avoid inhalation of dust.

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not apply when weather conditions favor drift. Do not apply when wind run-off is likely to occur. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply the product.

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

Do not reuse container. Destroy when empty.

Buyer's guarantee limited to label claims.

BONIDE CHEMICAL CO., INC., UTICA, N.Y. 13502

DIRECTIONS

BEEF, CATTLE, SHEEP, GOATS, SWINE — May be used on young dairy animals up to two weeks of freshening — Hornflies, lice and fleas. Repeat treatment as needed. Do not use on dairy goats.

SPRAY OR D.P. — Spray with 100 parts of water. Thoroughly wet animals, two quarts per head per large animals and proportionally less for smaller animals. For control of lice on cattle use 4 to 6 lbs. per 25 gals. of water and apply as a spray on the infested tail only. Dip 2 lbs. per 25 gals. of water in a solution with the right amount of solution sufficiently deep to become thoroughly wet. Do not dip calves under 1 month of age.

DIRECT DUSTING — Dust animal thoroughly, rub in lightly to carry powder beneath the hair. Application to sheep, following shearing, gives temporary relief from sheep ticks, keds.

DAIRY CATTLE — Hornflies: Direct Dusting — 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. Treatment is usually effective for about three weeks.

GUINEA PIGS — Lice: Dip Treatment — 6 tablespoonsful per gallon water (1 treatment is usually adequate); also dip cages. Dust Treatment — Mix 1 part Methoxychlor 50W with 9 parts talcum powder. Rub into fur.

DOGS, CATS — Fleas: Dust Treatment — Mix 1 part Methoxychlor 50W with 9 parts talcum powder (talc). Rub into fur. Spray dog kennels and exercise areas with 1 lb. in 5 gals. water (12 teaspoonsful per quart); do not contaminate feed or drinking water.

FARM BUILDINGS (NOT INCLUDING POULTRY HOUSES) — For controlling stable flies, houseflies and fleas, face fly, mosquitoes, 1 lb. in 2½ gallons of water. Apply one gallon of spray mixture to approximately 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 watering 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.

GRAIN STORAGE BINS — 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: 1 lb. in 2½ gallons water; apply 1 gallon spray per 500 sq. ft.; treat when empty.

AGRICULTURAL CROPS: Begin treatment at first sign of infestation and continue as needed. Treatment schedule for fruits usually start with petal fall; repeat sprays as needed (usually 7 to 14 day intervals).

Mosses directed and apply as a complete coverage spray (to run-off) 5 to 8 teaspoonsful per gallon water equals 2 to 3 lbs. per 100 gals.

FRUITS Apple, pear, quince — Apple maggot, codling moth, Japanese beetle, plum curculio, tent caterpillar: 2 to 3 lbs. per 100 gals. (7½ to 15 lbs./acre). Do not apply within 7 days of harvest.

Apples, cherries, nectarines, peaches, plums, prunes — cherry fruitworm, cherry fruit fly, Japanese beetles, plum curculio, rose chafer, tent caterpillar, cankerworms: 3 lbs./100 gals. (7½ to 15 lbs./acre); Do not apply within 21 days of harvest, except cherries, plums and prunes 7 days of harvest.

Berry, cranberry, currant, gooseberry, huckleberry — Japanese beetle, cranberry fruitworm, leafhoppers, San Jose scale (crawlers): 2 to 3 lbs. per 100 gals. (2 to 6 lbs./acre); do not apply within 14 days of harvest. On huckleberries apply at the rate of 2¼ lbs. per 100 gals. (2¼ lbs./acre).

Blackberry, loganberry, raspberry, boysenberry, dewberry, youngberry, strawberry — Rose chafer, strawberry weevil, flea beetles, omnivorous leaf tier, spittle bugs, Japanese beetle: 2 to 3 lbs. per 100 gals. (2 to 3 lbs./acre); do not apply within 14 days of harvest.

Grape — Berry moth, grape leafhopper, Japanese beetle, leaf skeletonizer, rose chafer: 2 to 3 lbs. per 100 gals. (2 to 6 lbs./acre); do not apply within 14 days of harvest.

VEGETABLES

ASPARAGUS — Asparagus beetle, twelve spotted asparagus beetle: 2 to 3 lbs. per 100 gals. (2 to 6 lbs./acre); do not apply within 7 days of harvest.

BEANS, BLACKEYED PEAS — Corn earworm, cucumber beetles, fall armyworm, alfalfa and garden webworm, flea beetle, Mexican bean beetle, potato leaf hopper, bean leaf beetle, Japanese beetle, spotted and striped cucumber beetles: 2 to 3 lbs. per 100 gals. (2 to 6 lbs./acre); do not apply within 7 days of harvest.

BRUSSELS SPROUTS, BEETS, BROCCOLI, CABBAGE, CARROTS, CAULIFLOWER, COLLARD, EGGPLANT, KALE, KOHLRABI, LETTUCE, PEPPERS, RADISH, RUTABAGA, SPINACH, TURNIP — Blister beetle, flea beetle, leafhopper, alfalfa looper (spinach), fall armyworm, Japanese beetle, imported cabbageworm: 2 to 3 lbs./100 gals. (2 to 6 lbs./acre); do not apply within 14 days of harvest except cauliflower, rutabaga, eggplant, kohlrabi, peppers within 7 days of harvest and cabbage 3 days of harvest. On eggplant, lettuce, peppers — apply at the rate of 2¼ lbs./100 gals. (2¼ lbs./acre).

CANTALOUPE, CUCUMBER, PUMPKIN, SQUASH, SUMMER SQUASH, WATERMELON — Squash vine borer, fall armyworm, striped and spotted cucumber beetles, flea beetles: 2 to 3 lbs./100 gals. (2 to 6 lbs./acre). Do not apply within 7 days of harvest.

CORN — Fall armyworm, army worm, Japanese beetle, flea beetle: 2 to 3 lbs. per 100 gals. (2 to 6 lbs./acre). Do not apply within 14 days of harvest.

PEA — Alfalfa looper, pea weevil, bean leaf beetle: 2 to 3 lbs. per 100 gals. (2 to 6 lbs./acre). Do not apply within 7 days of harvest.

POTATO (IRISH), TOMATO — Colorado potato beetle, flea beetles, fall armyworm, leafhopper, blister beetle: 2¼ lbs. per 100 gals. (2¼ lbs./acre). On tomatoes apply at the rate of 2¼ lbs. per 100 gals. (2¼ lbs./acre); do not apply within 7 days of harvest of tomatoes; potato no limitation. Seed Potatoes: Potato tuberworm. Mix 1 heaping teaspoon in ½ gallon water and spray over 100 lbs. seed potatoes. Do not use potatoes for food or feed.

SWEET POTATO, YAMS — Fall armyworm, flea beetle: 2¼ lbs. per 100 gals. (2¼ lbs./acre); no pre-harvest limitation.

FORAGE AND FIELD CROPS

ALFALFA, CLOVER, COWPEAS, FORAGE GRASSES — Alfalfa caterpillar, alfalfa weevil, clover leaf weevil, meadow spittle bug, blister beetles, leafhoppers, clover leaf weevil, garden and alfalfa webworm, spotted cucumber beetle, Mexican bean beetle, webworm, armyworm, fall armyworm, cowpea curculio, flea beetle, Japanese beetle, pea weevil, spittlebugs, velvet bear, caterpillar: 2 to 3 lbs. per 100 gals. (2 to 6 lbs./acre). Do not apply within 7 days of harvest.

PEANUTS, SOYBEANS — Velvet bean caterpillar, Mexican Bean beetle, Japanese beetle, blister beetle, garden webworm, alfalfa webworm, cowpea curculio, leafhopper, fall armyworm: 2 to 3 lbs. per 100 gals. (2 to 6 lbs./acre); do not apply within 7 days of harvest.

GRAINS (CORN) — Armyworm, fall armyworm, Japanese beetle, flea beetle: 2 to 6 lbs. per acre. Do not apply to corn within 14 days of harvest.

(BARLEY, OATS, RICE, RYE, SORGHAM, WHEAT) — Seed Treatment Only: For control of cadelle, flat grain beetle, saw-toothed grain beetle, lesser grain borer, rice weevil, granary weevil, foreign grain beetle, hairy fungus beetle, apply at rate of 2 cz./bu. (1 lb. in 2½ gals. water). Do not use as food or feed.

CAUTION: Wash thoroughly after handling. Avoid inhalation of dust.

This product is toxic to fish. Keep out of lakes, streams or ponds. Do not apply when weather conditions favor drift from areas treated. Do not apply where run-off is likely to occur. Do not contaminate water by cleaning of equipment, or disposal of wastes. Apply this product only as specified on this label.

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

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