



## DIRECTIONS FOR USE

### AGRICULTURAL CROPS

**Tree Fruits** — For control of the following insects, apply 2 to 3 lbs. of Hopkins Methoxychlor 50% W.P. Insecticide per 100 gallons of water as a thorough cover spray when adults first appear. Repeat at 7 to 10 day intervals as long as adults are present. Do not apply more than 24 lbs. of Hopkins Methoxychlor 50% W.P. Insecticide per acre.

CROP	INSECTS	INTERVAL TO HARVEST
Apples	Apple Maggots	7 days
Cherries	Cherry Fruit Flies, Cherry Fruitworm	
Apply the above rate of Hopkins Methoxychlor 50% W.P. Insecticide initially at petal fall for control of the following insects. Make 2 or more additional applications at 7 to 10 day intervals if infestation warrants.		
Apples	Codling Moth, Japanese Beetle, Plum Curculio, San Jose Scale (crawlers)	7 days
Cherries	Plum Curculio	
Pears	Codling Moth, Pear Slug	
Plums and Prunes	Plum Curculio	
Quince	Codling Moth, San Jose Scale (crawlers), Oriental Fruit Moth Caterpillars, Quince Curculio	
Apricots, Nectarines, Peaches	Plum Curculio	21 days

**Small Fruits** — For control of the following insects apply 2 to 3 lbs. of Hopkins Methoxychlor 50% W.P. Insecticide per acre in 100 gallons of water as a thorough cover spray when adults first appear. Repeat at 7 to 10 day intervals as long as the infestation warrants.

Blackberries	Flea Beetle, Japanese Beetle, Rose Chafer, Strawberry Weevil	14 days
Blueberries	Cherry Fruitworm, Cranberry Fruitworm, Plum Curculio, Leafhopper	
Cranberries	Cranberry Fruitworm, Leafhopper, Spittlebug	
Currants and Gooseberries	San Jose Scale (crawlers)	
Grapes	Flea Beetle, Grape Leaf Skeletonizer, Japanese Beetle, Leafhopper, Rose Chafer. Grape Berry Moth — Apply as a post-bloom cover spray and repeat 10 days later, make 3rd and 4th applications at 10 day intervals, if necessary.	
Loganberries and Raspberries	Japanese Beetle, Rose Chafer	
Strawberries	Flea Beetle, Spittlebug, Strawberry Leaf Beetle, Strawberry Weevil	

**VEGETABLES** — For control of the following insects apply 3 lbs. of Hopkins Methoxychlor 50% W.P. Insecticide per acre in 100 gallons of water as a thorough cover spray to upper and lower foliage surfaces and fruit. Begin treatment at first sign of insect infestation and repeat at 7 to 10 day intervals as infestation warrants. For small garden areas, use 3 tablespoons per gallon of water.

CROP	INSECTS	INTERVAL TO HARVEST
Potatoes	Blister Beetle, Colorado Potato Beetle, Flea Beetle, Leafhopper	0 days
Cantaloupe	Melon Worm	1 day
Cucumber	Cucumber Beetle	
Eggplant	Flea Beetle, Leafhopper	
Kohlrabi	Flea Beetle	
Pepper	Flea Beetle, Rose Chafer	
Pumpkin	Cucumber Beetle, Squash	
Squash	Vineborer, Cucumber Beetle, Squash Vineborer	
Tomato	Blister Beetle, Fall Armyworm, Flea Beetle, Tomato Hornworm, Tomato Fruitworm	
Asparagus	Asparagus Beetle	3 days - If applied later, remove residues by washing and blanching spears.
Beans	Bean Leaf Beetle, Corn Earworm, Fall Armyworm, Japanese Beetle, Leafhopper, Rose Chafer, Mexican Bean Beetle	3 days - Do not use vines for feed or forage.
Black-eyed Peas	Cowpea Curculio	
Cabbage	Imported Cabbage Worm, Cross-striped Cabbage Worm, Flea Beetle	3 days
Cauliflower	Imported Cabbage Worm, Cross-striped Cabbage Worm, Flea Beetle	7 days

Corn	Fall Armyworm, Flea Beetle	
Melons	Cucumber Beetle, Melon Worm	
Peas	Pea Weevil	
Radish and Rutabaga	Flea Beetle	
Beets	Blister Beetle, Flea Beetle	14 days
Broccoli	Imported Cabbage Worm, Cross-striped Cabbage Worm, Flea Beetle	
Brussels Sprouts	Imported Cabbage Worm, Cross-striped Cabbage Worm, Flea Beetle	
Collards and Kale	Flea Beetle	14 days
Lettuce	Leafhopper	14 days
Spinach and Turnip	Flea Beetle	

**FIELD AND FORAGE CROPS** — Alfalfa, corn, clover, grass, soybeans, cowpeas and peanut forage. Apply the following rates of Hopkins Methoxychlor 50% W.P. Insecticide in 15 to 30 gallons of water per acre. Apply every 10 to 14 days, or as needed. Do not apply during crop bloom. No application later than 7 days before harvesting or grazing.

Leafhopper, Spittlebug	1 to 2 lbs. per acre
Alfalfa Caterpillar, Flea Beetle	1½ to 2 lbs. per acre
Alfalfa Weevil (larvae), Webworm, Fall Armyworm, Clover Leaf Weevil, Mexican Bean Beetle, Pea Weevil, Soybean Caterpillar, Velvet Bean Caterpillar	2 to 3 lbs. per acre
Cowpea Curculio, Japanese Beetle	3 lbs. per acre
Armyworm	3 to 4 lbs. per acre

### ESTOCK

**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 PREMISES:** Insects Controlled (In the exposed or accessible stages of the following insects):

Houseflies and Stableflies, (Farm Buildings), Caddises, Confused Flour Beetle, Flat-headed Grain Beetle, Foreign Grain Beetle, Granary Weevil, Hairy Fungus Beetle, Lesser Grainborer, Long-headed Flour Beetle, Red Flour Beetle, Rice Weevil, Sawtoothed Grain Beetle and Grain Moths (grain storage bins, elevator tunnels, gallery floors and head houses).

**Farm Buildings (Barns, Milk Rooms, Pens, and Stalls)** — Mix 1 lb. Hopkins Methoxychlor 50% W.P. Insecticide in 2½ gallons of water. Use as a residual spray applying 1 gallon mixture to 500 sq. ft. Repeat applications as required for effective control. **Exclude dairy animals while treating barns. Do not contaminate milk, feed or drinking water.**

**Grain Storage Bins** — Mix 1 lb. Hopkins Methoxychlor 50% W.P. Insecticide in 2½ gallons of water. Apply 1 gallon of mixture to 500 sq. ft. Apply as a residual spray to all exposed surfaces, paying attention to all cracks and crevices. **Allow bins to air and dry before refilling with grain, 2 to 4 weeks.**

**Elevator Tunnels, Gallery Floors, Head Houses** — Mix 1 lb. Hopkins Methoxychlor 50% W.P. Insecticide in 2½ gallons of water, apply 1 gallon mixture to 500 sq. ft. Clean area thoroughly before spraying. Treat about 3 times per season (summer).

**MOSQUITO CONTROL (Larvae) — Parks, Beaches, Public Areas and Non-Agricultural Lands**

For mosquito larvae control, mix 4 lbs. Hopkins Methoxychlor 50% W.P. Insecticide in 100 gallons of water and supply 10 gallons of the finished spray per acre (equivalent to 0.2 lbs. active ingredient of surface to be treated. Apply only to known mosquito breeding sites, reapply as infestation warrants.

**Pre-hatch** — Make a single application during the winter months at a rate of 25 to 50 gallons of finished spray per acre (equivalent to ½ to 1 lb. of active ingredient).

**NOTE:** This product is toxic to fish. Keep out of lakes, streams and ponds. Rates recommended on this label are toxic to shrimp and crab. Do not apply where these species are an important resource. Do not apply to water drainage areas where runoff or flooding will contaminate ponds.

**FOREST AND SHADE TREES:** For control of the following insects use a 6% Methoxychlor solution with a mist blower at rates recommended in the following table.

Mix 57 lbs. Methoxychlor 50% W.P. Insecticide per 50 gallons of water for mist blower solution, or 1 to 2 lbs. of Methoxychlor 50% W.P. Insecticide per 100 gallons of water for conventional sprayer.