



erwise noted)—Field Crops—Use designated amount in 50 to 150 gals of water per acre as a thorough coverage spray or in 20 to 30 gals of water per acre for concentrate spray equipment. Begin application at first sign of insects. Repeat as necessary. Do not use with highly alkaline materials such as lime or bordeaux.

Mixing Directions: Add to spray tank when $\frac{1}{4}$ to $\frac{1}{2}$ full with agitator running and maintain agitation until spraying is completed.

Beans (Dry, Lima, Green) (4), Soybeans (4), and Peas (for Processing) (4): Alfalfa Loopers, Aphids, Spider Mites, Lygus Bugs, Leafminer, Nitidulids, Leafhoppers—1 pt. per acre in water to cover. 100 gals. per acre is preferable. Large Loopers, Stink Bugs— $1\frac{1}{2}$ pts. per acre in water to cover.

Broccoli (1), Cabbage (1), Cauliflower (1), Brussels Sprouts (1), Kale (4), Collards (4): Imported Cabbageworm, Diamondback Moth Larvae, Aphids—Use 1 pt. per acre. Cabbage Looper—2 pts. per acre.

Celery (4), Lettuce (1), Spinach (1), Chard (1), Turnip Greens (1): Aphids, Cabbage Loopers, Armyworms, Saltmarsh Caterpillars, Leafminers—Use ground application only with fine mist spray—1 pt. in 50 to 75 gals. water per acre on plants less than $\frac{1}{2}$ grown. On larger plants use $1\frac{1}{2}$ pts. in 100 to 150 gals. water per acre. Concentrate: Use 1 pt. in 20 to 30 gals. of water per acre.

Cantaloupes (1), Honeydew (1), Muskmelons (1), Watermelons (1), Pumpkins (1), Winter Squash (1): Loopers (including Cabbage Loopers), Armyworms, Leafhoppers, Spider Mites, Leafminers—1 to 2 pts. per acre (200 gals. diluted spray per acre). Concentrate: By ground use 1 pt. in 20 to 30 gals. of water per acre. By air use 1 to 2 pts. in a minimum of 5 gals. of water per acre. Do not apply when temperature is over 90° F. On Honeydew and smooth skin melons, use Dibrom 4 Dust to prevent injury from spray application.

Cotton (4): Lygus Bugs, Cotton Leafperforator, Fleahoppers, Armyworms, Bollworms, Cabbage Loopers, and for suppression of Mites—1 pt. per acre by air or ground. Apply at 7 to 10 day intervals while pests persist. For heavy insect or egg population of any listed pest—Use $\frac{1}{2}$ pt. per acre by air or ground plus residual materials for best results. Air Application—Use 1 to 5 gals. water per acre.

Cucumbers (0), Summer Squash (0): Cucumber Beetles, Aphids, Spider Mites, Cabbage Loopers, Thrips, Armyworms—1 pt. per acre in water to cover. Pickleworm, Leafminers— $1\frac{1}{2}$ pts. per acre in water to cover. Aerial Applications—Use minimum of 10 gals. water per acre.

Eggplant (1), Peppers (1): Aphids, Spider Mites, Blister Beetles, Flea Beetles, Leafminers, Whitefly—1 pt. per acre.

Filberts (10), Walnuts (10): Aphids— $\frac{1}{2}$ to 1 pt. per 100 gals. water.

Grapes (4): Drosophila, Leafhoppers— $\frac{1}{2}$ to $\frac{2}{3}$ pt. per 100 gals. water (100 to 130 gals. diluted spray per acre depending on size of vines). Use only $\frac{1}{2}$ pt. per 100 gals. water on Muscat varieties. Do not use on Italia varieties as fruit injury may occur.

Hops (4): Aphids, Spider Mites, Corn Earworm, Hop Looper, Cutworm—1 pt. per acre.

Oranges (7)*, Lemons (7)*, Grapefruit (7)*, Tangerines (7)*: Aphids, Brown Soft Scale, Crawlers, Mites, Citrus Cutworms, Leafroller (Tortrix)—Ground application—1 pt. to 100 gals. of water. Thrips (Bloom)—Use $\frac{1}{2}$ pt. per 100 gals. of water. Air application—Use 1 pt. per acre in 15 to 20 gals. of water. *California and Arizona—Do not apply within 1 day of harvest.

Peaches (Western States Only): Lygus Bugs, Suppression of Mites, Peach Twig Borer, Oriental Fruit Moth (California Only)— $\frac{1}{2}$ pt. in 100 gals. water. To avoid fruit spotting, do not use within 30 days of harvest. Do not apply where temperature is over 90° F.

Rice (2): Grasshoppers— $\frac{1}{2}$ to $\frac{3}{4}$ pt. per acre by air or ground application. Air Application—Use in 1 to 5 gals. water per acre. Apply at first signs of insects. Do not make more than 3 applications.

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Roses (Field Grown): Aphids, Mites, Tent Caterpillar, Thrips, Leafhoppers—1 pt to 100 gals water

Strawberries (1): Leafroller, Spider Mites, Aphids, Omnivorous Leaf-tier—Use 1 pt per acre. Dormant Twospotted Spider Mites and Aphids—1 gal of Supreme Oil may be added per 100 gals of spray mix.

Sugar Beets (5): Spider Mites, Leafhoppers—1 pt per acre by air or ground application. Air Application—Use in 1 to 5 gals water per acre

Tobacco: Hornworm—1 pt to 100 gals water, using up to 200 gals diluted spray per acre. Flea Beetles—1 pt per acre in water to cover. Apply at first sign of insects. Repeat as necessary.

Tomatoes (1): Field Fruit Flies (*Drosophila*)—1 pt in 20 to 40 gals water per acre with ground sprayer, 7 to 10 gals. by air. Make first application 5 to 7 days before first picking and continue at 5 to 7 day intervals. **Field and Greenhouse:** Tomato Fruitworm, Hornworms, Leafminers, Flea Beetles, Mites—1 pt. in 100 gals. water. Spray plants thoroughly. For Field—Use up to 200 gals. diluted spray per acre. Do not apply when temperature is over 90° F.

Walnuts (10): Aphids— $\frac{1}{2}$ to 1 pt per 100 gals. water.

Greenhouse, Vapor Treatment of Roses; Other Ornamental Plants, Tomatoes, Cucumbers: Spider Mites, Adult Whiteflies, Aphids, Leaf-rollers, Mealybugs—1 fl. oz. per 10,000 cu. ft. when plants are dry. Apply undiluted on heat pipes (or in open pans on hot plates). Apply continuously or to intermittent sections of pipe on each side and on 1 or more of the pipes through center of each range depending upon width. Application to cold pipes should be followed by immediately heating pipes to 160° F. In steam heated houses, close vents for at least 1 hour after pipes are hot. With hot water systems, close house for at least 3 hours. Houses may remain closed overnight following treatment. When application is made to hot pipes, wear goggles and approved respirator. Ventilate house before workers re-enter. Wear respirator when entering treated houses to ventilate. Protect hives of bees in cucumber and other houses by covering with plastic or rubber sheet during treatment and until house is ventilated. Do not apply to tomatoes or cucumbers closer than 1 day before harvest. Spider Mites (Resistant and Non-resistant)—Make 3 to 4 treatments at 3 or 4 day intervals. Repeat as necessary. Adult Whiteflies—Make 2 applications at 7 day intervals. Repeat as necessary. Aphids—Apply when Aphids appear. Repeat as necessary. **Warning**—Avoid overtreatment and direct application to plants as injury may result. White Butterfly and Golden Rapture Roses, Pink Champagne Chrysanthemums, Green Wandering Jew, Poinsettias and Dutchman's Pipe may be injured by Dibrom vapor treatment.

Fruit Flies (*Drosophila* sp.): In and around Food Processing Plants, Loading Docks, Cull Piles and Refuse Areas, Cider Mills—Use 2 ozs in 2½ gals. water (5 pts. to 100 gals.) Apply as a coarse spray to walls, floors, doorways, windows, refuse and cull piles where insects congregate. Apply every 5 to 7 days as long as necessary to maintain control. Do not apply to cull fruit or refuse piles to be fed to livestock. Avoid contamination of feeds, foodstuffs and food processing machinery. Do not apply when plants are in operation or when foods are present or exposed. Do not spray surfaces which will come into contact with foods. Cover food containers during spraying periods. Do not use in edible products areas of food processing plants.

Residential Areas, Tidal Marshes, Swamps, Woodland Feed Lots: Mosquito Adults, Gnat, Stable Fly and Housefly—Make applications during peak of infestation and repeat as necessary to maintain control. This rate of application will kill shrimp. Do not apply to tidal or marsh waters which are important shrimp producing areas. It is not necessary to avoid farm buildings and dairy barns.

Aircraft: East—Apply 0.8 to 4 fl. ozs. in 2 to 8 qts. of water per acre. **West**—Apply 1.6 to 4 fl. ozs. in 2 to 8 qts. of water per acre. **Mist Blower:** Use 3 to 5 qts. per 100 gals. of water. Calibrate equipment (rate of travel and output) to apply 0.1 to 0.25 pound of technical material per acre.

Corrals, Holding Pens (Dairy and Beef Cattle, Hogs, Sheep, Horses): Houseflies, Mosquitoes—Airplane Application—Use 1.6 to 4 fl. ozs. per acre. Dilute 1 to 2½ pts in 10 gals water. Apply 1 gal diluted spray per acre. Apply over areas with animals present. Repeat as necessary

Dealers Should Sell In Original Packages Only.

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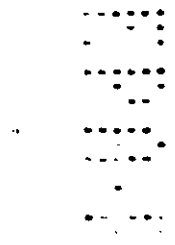
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