



FARMRITE

PHALTAN 50-W

A Fungicide for Plant Diseases

ACTIVE INGREDIENT
Phaltan (Natrifluoromethyl)

INERT INGREDIENTS



CAUTION

KEEP OUT OF REACH OF CHILDREN

Avoid inhalation of dust or spray mist. Avoid contact with skin. Avoid contamination of feed or foodstuffs. Do not store or transport near food or feed.

This product is toxic to fish. Keep out of any body of water. Do not contaminate water by cleaning of equipment, or disposal of wastes.

Do not use on Sweet Cherries as injury may occur. Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.

Burn bag immediately when empty. Stay out of smoke.

COMPATIBILITY

Phaltan ® 50 W may be combined with most commonly used insecticides, adjuvants and fungicides. Fungicidal activity of Phaltan ® is reduced if combined with strongly alkaline materials such as hydrated lime. This material should not be used in combination with or closely following oil sprays. Do not use with TEPP when a concentrate mixture is being applied.

DIRECTIONS FOR USE

Pour required amount of this material on surface of water in nearly filled spray tank, or pre-mix in a bucket half-filled with water and pour mixture through screen into nearly filled spray tank. Add balance of water to fill tank. Keep agitator running during filling and spraying operations. Do not allow mixture to stand. Do not combine wettable powders with emulsifiable liquids in the same spray tank unless previous use of the materials being combined has proved them to be physically compatible.

Consult State Agricultural Experiment Station or State Extension Service Specialist for specific information as the timing, number and rate of applications needed will vary with local conditions.

The Federal Food and Drug Administration has set official tolerances for certain pesticide residues. In order that residues on food and forage crops will not exceed established tolerances, use only at recommended rates.

Manufactured for

Central Chemical Corporation

General Offices Hagerstown, Maryland

NET WEIGHT 50 LBS.

PHALTAN 50-W

RECOMMENDATIONS

Unless otherwise stated, dosages are given in terms of pounds of Phaltan 50 W per 100 gallons of water.

APPLES (CRABAPPLES): Bitter Rot *Botryosphaeria*, *Alternaria* Spot, Sooty Blotch, Black Rot, Fly Speck and Scab—1½ to 2 lbs. Apply up to 1,000 gals. per acre. Make first application at delayed-dormant and repeat at 7-14 day intervals until harvest. CAUTION: EAST—Use during the critical period (just before bloom until 30 days after petal fall) may cause russetting to sensitive varieties such as Golden Delicious, Red Delicious and Stayman Winesap. WEST—Do not use between bloom and July 1 to avoid injury.

AVOCADOS: Scab—3 lbs. Apply up to 1,000 gals. per acre. Apply at 2 to 3 weeks intervals as needed.

BLACKBERRIES, BOYSENBERRIES, DEWBERRIES, LOGANBERRIES, RASPBERRIES: Fruit Rot, Gray Mold, Spur Blight—2 lbs. Apply 250 gals. per acre. Make first application when berries have set and repeat at 7 day intervals until harvest.

BLUEBERRIES, HUCKLEBERRIES: Gray Mold, Powdery Mildew, Leaf Spot *Gloeosporium*—2 lbs. Apply 250 gals. per acre. Make first application before first infection. Repeat at 7 day intervals until harvest.

CANTALOUPE, MUSKMELONS, HONEYDEW MELONS, WATERMELONS, SUMMER SQUASH, PUMPKINS, WINTER SQUASH: Downy Mildew, Powdery Mildew, Anthracnose—2 to 4 lbs. Apply up to 200 gals. per acre depending on size of vines. Make first application when first true leaves appear and repeat at weekly intervals until crop is harvested.

CELERY: Early Blight, Late Blight, *Cercospora* Leaf Spot—2 to 4 lbs. Apply after plants are set in field and established. Repeat at 7 day intervals. Do not apply within 7 days of harvest.

CHERRIES (RED TART): Leaf Spot, Brown Rot—1 to 2 lbs. (1 lb. plus ½ pint Spray Sticker in New York and other states where recommended). Apply up to 500 gals. per acre. Apply at pre-bloom and popcorn stage. Repeat in bloom and at 7 to 14 day intervals making last application to foliage post-harvest. Add ½ pint Spray Sticker per 100 gals. water to the sprays.

CITRUS (ORANGES, GRAPEFRUIT, LEMONS, LIMES, TANGELOS, TANGERINES): Melanose, Scab, Greasy Spot—2 lbs. Apply up to 1,000 gals. per acre. Apply dormant, 2/3 petal fall, 2 weeks later and on the fall flush in August and September.

CRANBERRIES: Storage Rot—9 lbs. per acre. in sufficient water for thorough coverage. Apply during bloom and repeat at 10 to 14 day intervals. Do not apply within 30 days of harvest.

CUCUMBERS: Fruit Rot (*Rhizoctonia* and *Pythium*)—6 to 8 lbs. per acre. Apply in a minimum of 200 gals. water as a directed spray at the soil in the row. Apply when plants are beginning to "run". Downy Mildew, Powdery Mildew, Anthracnose—2 to 4 lbs. per acre. Add spray sticker according to manufacturer or State recommendations to the sprays.

GRAPES: Downy Mildew, Powdery Mildew, Black Rot, Dead Arm—2 lbs. Apply 250 to 300 gals. per acre. Dead Arm—EAST—Make first application when new growth is 1 to 2 inches long, repeat when growth is 4 to 6 inches long. WEST—first application bud break to 1 inch shoot length. Second application 2 weeks later or 4 to 8 inch shoot length. Black Rot, Downy Mildew—Make first application just before bloom, repeat immediately after bloom. Depending upon the susceptibility of the grape variety, from 1 to 3 more sprays may be needed at 7 to 10 day intervals. Powdery Mildew—East only; make first application 2 to 3 weeks after bloom and repeat at 2-week intervals as needed. Note: During extended periods of hot dry weather, foliage injury to several varieties of grapes may occur.

GOOSEBERRIES, CURRANTS: Leaf Spot—4 lbs. Apply 150 gals. per acre. Make first application just before bloom period. Repeat at 7 to 10 day intervals in the post-bloom period.

LETTUCE: Downy Mildew—2 lbs. Apply up to 200 gals. per acre. Make first application when plants are established in field. Repeat at 7-day intervals until harvest.

ONIONS, GARLIC, LEEKS, SHALLOTS: Purple Blotch and Downy Mildew—4 lbs. Apply 200 gals. per acre. Make first application before first infection. Repeat at weekly intervals until tops begin to dry before harvest.

TOMATOES: Anthracnose—4 lbs. Use up to 200 gals. per acre. Make first application during first bloom and repeat at 7 to 10 day intervals until fruit is harvested.

ROSES: Black Spot, Powdery Mildew—2 lbs. per 100 gals. (2 tablespoonfuls per 1 gal. of water). Make first application when young leaves first appear. Repeat at 7 to 10 day intervals or as necessary throughout the season. Make thorough application Do Not Use Wetting Agents on Roses as Injury May Result.

CHRYSANTHEMUMS, IRIS: *Septoria* Leafspot, *Didymellina* Leafspot—2 lbs. per 100 gals. (2 tablespoonfuls per 1 gal. of water). Start treatments immediately after planting. Repeat at 7 to 10 day intervals or as needed throughout the season.

CARNATIONS: Rust, *Alternaria* Leafspot—2 lbs. per 100 gals. (2 tablespoonfuls per 1 gal. of water). Begin applications 2 weeks after planting and continue bi-weekly applications for 3 to 4 applications.

ZINNIA, MARIGOLDS, CHRYSANTHEMUMS, ASTERS, PHLOX, SNAPDRAGONS: *Alternaria* Leafspot, Powdery Mildew, Anthracnose—2 lbs. per 100 gals. (2 tablespoonfuls per 1 gal. of water). Treat at least weekly during periods of rapid growth and severe infection, and twice weekly during periods of rapid new growth and severe infection caused by continuous rains or high humidity.

POINSETTIA (GREENHOUSE): *Pythium*, Root Rot—2 lbs. per 100 gals. water plus a spreader and use 1 pint per 8 inch pan. Make first application at time of panning. Repeat in 10 days.

AZALEA CUTTINGS: Damp-off—1½ to 2 lbs. per 100 gals. Allow to soak for 15 to 30 minutes before placing in rooting media.