

**ACCEPTED**  
 7/26/72  
 UNDER THE FEDERAL INSECT CONTROL  
 FUNGICIDE AND RODENTICIDE ACT  
 FOR ECONOMIC PEST CONTROL REGISTERED  
 UNDER NO. **100-13-00000**  
 TO ATTACH COMMENTS \*O, O-dimethyl dithiophosphate of diethyl mercaptosuccinate

**PUREGRO**  
**MALATHION 25W**

ACTIVE INGREDIENTS:  
 Malathion\* . . . . . 25%  
 INERT INGREDIENTS . . . . . 75%

1202-83

DIRECTIONS FOR USE

A spray schedule for orchard pests: codling moth, oriental fruit moth and plum curculio, apply at petal fall and every 10 to 14 days thereafter until control is achieved. Rates in lbs. per 100 gallons of water. Unless specified, aircraft use equivalent rates of Malathion 25W in 5-40 gallons water per acre.

APPLES, PEARS: Apply 2-3 lbs. per 100 gallons water to control codling moth, plum curculio, red banded leaf roller, bud moth, aphid, red spider mites, mealy bugs, Forbes scale. Do not exceed 60 lbs. per acre. Do not apply within 3 days of harvest on apples, 1 day of harvest on pears. Malathion may cause injury to McIntosh, Cortland apples and Bosc pears.  
APRICOTS, PEACHES: Apply 2-4 lbs. per 100 gallons water to control spider mites, oriental fruit moth, plum curculio, 4 lbs. brown apricot scale, orange tortrix, codling moth. Do not apply within 7 days of harvest. Do not exceed 36 lbs. per acre.  
CHERRIES: Apply 2-3 lbs. per acre to control black cherry aphid, cherry slug, cherry fruit fly. Injury may occur on certain varieties of sweet cherries. Do not apply within 3 days of harvest.  
CITRUS: (Grapefruit, Lemons, Limes, Oranges, Tangerines, Tangeloes, Kumquat): Apply 2-4 lbs. per 100 gallons water to control California red scale, yellow, purple and black scale, citrococla scale, aphid, 3-5 lbs. per 100 gallons water for Florida red and purple scale, 6 lbs. per 100 gallons water for thrip. Do not apply during full bloom. Do not apply within 7 days of harvest. Do not exceed 100 lbs. per acre.  
GRAPES: Apply 1 1/2-3 lbs. per 100 gallons water to control leafhopper, thrips, mites. Do not use over 10 lbs. per acre. Do not apply within 3 days of harvest.

Application Rates for Vegetable, Field, Seed Crops: Ground rig use, 20-100 gallons water per acre unless specified. Aircraft, use 5-40 gallons water per acre.

ALFALFA, CLOVER, VETCH (Seed): Apply 4 lbs. per acre to control aphids, spider mites, leafhoppers. Do not apply within 7 days of harvest.  
BEANS: Apply 5-6 lbs. per acre to control aphid, spider mites, leafhopper. Do not apply within 1 day of harvest.  
CUCUMBERS, SQUASH, MELONS: Apply 4-6 lbs. per acre to control aphid, spider mites, leafhoppers. Do not apply to cucurbits unless plants are dry. Do not apply within 1 day of harvest.  
POTATOES, STRAWBERRIES: Apply 2 1/2-6 lbs. per acre to control aphid, spider mites, leafhoppers. Do not apply within 3 days of harvest.  
EGGPLANTS, PEPPERS: Apply 4-6 lbs. per acre to control aphid, spider mites, leafhoppers. Do not apply within 3 days of harvest.  
BROCCOLI, BRUSSELS SPROUTS, CAULIFLOWER, CABBAGE, KALE, MUSTARD GREENS, TURNIPS: Apply 2-6 lbs. per acre to control aphid, imported cabbage worm, cabbage looper. Do not apply within 7 days of harvest except broccoli, turnips 3 days before harvest.  
CELERY, LETTUCE, SPINACH: Apply 2-6 lbs. per acre to control aphid, loopers (lettuce), spider mites. Do not apply within 14 days of harvest on leaf lettuce, 7 days of harvest on celery, head lettuce, spinach.  
ONIONS: Apply 4-8 lbs. per acre to control thrip, 6-8 lbs. per acre for onion maggot. Do not apply within 3 days of harvest for green onions.  
TOMATOES: Apply 2-6 lbs. per acre to control spider mites, aphids, tomato russet mite, 6-8 lbs. per acre for Drosophila. Do not apply within 1 day of harvest.  
WALNUTS: Apply 4-8 lbs. per 400 gallons water per acre to control aphid, mites. No time limitation.  
ORNAMENTALS: Apply 2 1/2 lbs. for aphids, spider mites, white fly, mealy bugs, thrips, Japanese beetle, four-lined leaf bug, tarnished plant bug, leafhopper, oystershell scale, 6 lbs. for soft brown scale, Monterey pine scale, Juniper scale, black scale, Florida red scale, 4 lbs. for pine needle scale, lacebug, bagworms, 3 lbs. for Oak Kermes scale, Flecher scale, 2 lbs. for tent caterpillar. Repeat as necessary. To control listed scale, apply thorough full coverage spray at time scale crawlers have settled on foliage. Do not use in Boston, Maidenhair and Pteris ferns and some species of Crassula.

**CAUTION**  
**KEEP OUT OF REACH OF CHILDREN**

Harmful if swallowed. Avoid breathing of dust or spray mist. Avoid contact with skin; wash thoroughly after using. Avoid contamination of feeds and foodstuffs.  
 This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.  
 This product is toxic to fish. Keep out of any body of water. Do not apply to any area not specified on the label. Do not contaminate water by cleaning of equipment or disposal of wastes.  
 CONDITIONS OF SALE: Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.  
 REUSE EMPTY CONTAINER, STAY OUT OF SMOKE

