

IMPORTANT

Instructions when contents are to be used in ultra low volume spraying over cities, towns and other populated areas.

Spray droplets of this product undiluted will permanently damage automobile paint unless all of the following conditions are met:

1. Aircraft is operated at 150 mph or more.
2. There are no leaks in the ultra low volume spray system.
3. Nozzles are placed on the boom at a 45° angle down and into the wind.
4. Diaphragm check valves are used on all nozzles to insure positive cutoff of the spray.
5. Dosage of this product does not exceed 3.2 fluid ounces per acre (40 acres per gallon), over cities, towns, and other populated areas.
6. The spray system produces droplets of this product in the 50 to 60 mass median diameter (MMD) micron range, with no more than 10% of the droplets exceeding 100 microns, as determined by readings made from microscope slides coated with Dri-Film.

DIRECTIONS FOR USE

DO NO USE THIS PRODUCT FOR ANY USES OTHER THAN THOSE SPECIFIED ON HIS LABEL.

PROKIL MALATHION ULV is used undiluted in specially designed aircraft or ground equipment capable of applying ultra low volumes for control of the insects indicated below. Aerial applications are most effective when made at a boom height of 5 feet and a swath width of 50 feet. Do not make application when winds exceed 5 mph.

Mist blowers and boom sprayers utilizing a controlled air flow to facilitate particle size and spray disposition may be used at a vehicle speed of 4 to 10 mph.

Mist blowers with a pump capable of producing up to 40 psi and blower speeds of 2600 rpm are satisfactory. Use flat fan nozzles, 8001 to 8002, placed 30° into air blast or rotary atomizers into the air blast that produce an efficient spray particle with a mass median diameter of 40 to 100 microns. Swath widths should not exceed 30 feet, and applications should not be made when winds exceed 5 mph.

Boom sprayers with a filtered rotary air compressor, either PTO or gas engine driven or an air pump capable of producing at least 12 psi are satisfactory. Use air pressure on chemical tanks and an accurate metering valve to assure a calibrated flow of the pesticide. Air should be regulated with relief valve and gauge for proper air and liquid mixture. Pneumatic-

PROKIL MALATHION ULV

ACTIVE INGREDIENTS:	% by Wt.
Malathion (O,O-dimethyl dithiophosphate of diethyl mercaptosuccinate	95.0
INERT INGREDIENTS	5.0
	100

Contains 9.7 lbs. Malathion per gallon

CAUTION

KEEP OUT OF REACH OF CHILDREN

HARMFUL BY SWALLOWING, INHALATION OR SKIN CONTACT

Avoid Contact With Skin—Wash Thoroughly After Handling

Change Contaminated Clothing — Do Not Contaminate Food or Feed Products

HIGHLY TOXIC TO FISH. DO NOT CONTAMINATE ANY BODY OF WATER, BY DIRECT APPLICATION, CLEANING OF EQUIPMENT OR DISPOSAL OF WASTES AND CONTAINERS.

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.

Rinse spray equipment and containers. Discharge liquid waste in pit in non-crop lands located away from water supplies. PERFORATE EMPTY METAL CONTAINERS. CRUSH AND BURY GLASS.

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type spray nozzles, as suggested by equipment manufacturer, should be used for spray particles with mass median diameter of 30 to 100 microns. Applications should not be made when winds exceed 5 mph. Repeat applications should be made as necessary unless otherwise specified.

Consult your state experiment station or state extension service for proper timing of sprays. NOTE: PROKIL MALATHION ULV can permanently damage automobile paint. IMPORTANT! Cars should not be sprayed. If accidental exposure does occur, the car should be washed immediately.

DIRECTIONS FOR APPLICATION

ALFALFA—*Alfalfa caterpillar, Western yellow striped armyworm:* 8-12 Fluid ounces per acre. Use lower rate when larvae are small. (Up to 8 fluid ounces per acre may be applied on day of harvest or grazing.) Use higher rate when larvae are large or when alfalfa is thick. Rates greater than 8 fluid ounces per acre may not be applied within 5 days of harvest or grazing. *Alfalfa weevil larvae:* 16 Fluid Ounces per acre. DO NOT APPLY within 5 days of harvest or grazing. Apply when day temperatures are expected to exceed 65°F. and when 50-75% of leaves show feeding damage. *Beet armyworm:* 8-16 Fluid Ounces per acre. Use lower rate when larvae are small. (up to 8 fluid ounces per acre may be applied on day of harvest or grazing.) Use higher rate when larvae are large or when alfalfa is thick. Rates greater than 8 fluid ounces per acre may not be applied within 5 days of harvest or grazing. *Grasshoppers:* 8 Fluid Ounces per acre. May be applied on day of harvest or grazing. DO NOT APPLY to alfalfa in bloom or to seed alfalfa.

BEANS. (lima, green, snap, Navy, red kidney, wax, dry, blockeye)—*Mexican Bean Beetle, Leafhoppers, Green Cloverworm, Japanese Beetle, Lygus Bug:* 8 Fluid Ounces per Acre. DO NOT APPLY within 1 day of harvest or grazing.

BLUEBERRIES—*Blueberry Maggot:* Apply 10 Fluid Ounces per Acre. May be applied on day of harvest.

CEREAL CROPS (barley, corn, oats, wheat) **GRASSES**—*Cereal leaf beetle:* Apply 4-8 Fluid Ounces per Acre. Barley, oats, wheat: DO NOT APPLY within 7 days of harvest or forage use. Corn: DO NOT APPLY within 5 days of harvest or grazing. Grasses: May be applied on day of harvest or grazing.

CLOVER, PASTURE and RANGE GRASS, GRASS HAY, NON-AGRICULTURAL LAND (wastelands, roadsides, soil bank lands)—*Grasshoppers:* Apply 8 Fluid Ounces per Acre. DO NOT APPLY within 5 days of harvest or grazing.

CORN—*Adult Corn Rootworm:* Apply 4 Fluid Ounces per Acre. DO NOT APPLY within 5 days of harvest or grazing.

COTTON—(Early Season Insects)—*Thrips, Fleahoppers, Leafhoppers:* Apply 4-8 Fluid Ounces per Acre. *Boll Weevil (early to midseason)* Apply 8-12 Fluid Ounces per Acre; (late season) 16 Fluid Ounces per Acre. *Grasshoppers* Apply 8 Fluid Ounces per Acre. *Lygus Bugs:* 8-12 Fluid Ounces per Acre. (16 Ounces per acre for very heavy migrating populations.) May be applied on day of harvest.

GRAIN CROPS. (barley, corn, oats, rye, rice, grain sorghum and wheat) *Grasshoppers:* Apply 8 Fluid Ounces per Acre. DO NOT APPLY with 7 days of harvest or forage use. CORN: 5 days of harvest or forage use.

GRAIN SORGHUM—*Sorghum Midge:* Apply 8-12 Fluid Ounces per Acre. Apply during the bloom stage. DO NOT APPLY within 7 days of harvest or forage use.

SAFFLOWER—*Grasshoppers, Lygus Bugs:* Apply 8 Fluid Ounce per Acre. DO NOT APPLY within 3 days of harvesting seeds.

SOYBEANS—*Mexican Bean Beetle, Grasshoppers, Japanese Beetle, Green Cloverworm:* Apply 8 Fluid Ounces per Acre. DO NOT APPLY within 7 days of harvest or forage use.

SUGAR BEETS—*Grasshoppers, Sugar Beet Root Maggot Adults:* Apply 8 Fluid Ounces per Acre. DO NOT APPLY within 7 days of harvest if tops are to be used as feed.

NONAGRICULTURAL LANDS—*Beet Leafhopper (on wild host plants):* Apply 8 Fluid Ounces per Acre.

BEEF CATTLE-FEED LOTS and HOLDING PENS—*Adult Flies and Mosquitoes* Apply 6-8 Fluid Ounces per Acre.

NOTICE ON CONDITIONS OF SALE

Our recommendations for use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established sale practice. The buyer must assume all responsibility including injury or damage, resulting from its misuse as such, or in combination with other materials.

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ACCEPTED

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UNDER THE FEDERAL INSECTICIDE
FUNGICIDE AND ACBENTICIDE ACT
FOR SCIENTIFIC PERSONS REGISTERED
ID UNDER NO. 1963-44 SUBJECT
TO FEDERAL COMPLIANCE