AGRICULTURAL USES

Directions for Use

ULVEX 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 [illegible] height [illegible] feet and a swath width of [illegible] feet. Do not make applications when winds exceed [illegible] mph.

Mist blowers and boom sprayers utilizing a controlled air flow to facilitate particle [illegible] may be used at a vehicle speed of 4 [illegible].

Mist blowers with a pump capable of producing up to 4 [illegible] psi and blower speeds of [illegible] rpm are satisfactory. Use flat fan nozzles, [illegible] to [illegible], placed [illegible] into the air blast that produce [illegible] medium [illegible] 4 [illegible] exceed [illegible] feet, and applications [illegible] made when winds exceed [illegible] mph.

Boom sprayers with [illegible] [illegible] psi are satisfactory [illegible] and [illegible] particles [illegible] Applications should [illegible]

Repeat applications [illegible]

CROP	PESTS CONTROLLED	FLUID OUNCES PER ACRE	INTERVAL BETWEEN LAST APPLICATION AND HARVEST
Alfalfa	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]
	Beet armyworm	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]
	Do not apply to alfalfa [illegible]		[illegible] apply to seed alfalfa
Beans (lima, green, snap, Navy, red kidney, wax, dry, black eye)	Mexican Bean Beetle, Leafhoppers, Green Cloverworm, Japanese Beetle, Lygus Bug	[illegible]	[illegible]
Blueberries	[illegible] Maggot	[illegible]	[illegible]
Cherries	[illegible]	[illegible]	[illegible]
Cereal crops (barley, corn, oats, wheat, and grasses)	[illegible]	[illegible]	[illegible]
Clover, Pasture and Range Grass, Grass Hay, Nonagricultural Land (wastelands, roadsides, soil bank lands)	[illegible]	[illegible]	[illegible]
Corn	[illegible]	4	[illegible]
Cotton	Early Season [illegible] Thrips, Fleahoppers, Leafhoppers	4 [illegible]	
	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]
	[illegible]	[illegible]	[illegible]
Grain Crops (barley, corn, oats, rye, rice, grain sorghum and wheat)	[illegible]	[illegible]	[illegible]

ULVEX

MALATHION 95% TECHNICAL PREMIUM

INSECTICIDE

AN OIL SOLUBLE CONCENTRATE FOR ULTRA LOW VOLUME APPLICATION BY AIRCRAFT AND GROUND EQUIPMENT

Active Ingredient:
Malathion* 95.0%
Inert Ingredients: 5.0%
100.0%

*O,O-dimethyl phosphorodithioate of diethyl mercaptosuccinate

CAUTION
KEEP OUT OF REACH OF CHILDREN
See Additional Cautionary Information On Side Panels.

CAUTION

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. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Do not use this product for any uses other than those specified herein.

Do not reuse empty drum for anything other than Malathion. Return to drum reconditioner or destroy by perforating or crushing and bury in a safe place away from water supplies.

DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME

CAUTION

Harmful if swallowed. Avoid breathing of dust or spray mist. Avoid contact with skin. Wash thoroughly after using. Avoid contamination of feed and foodstuffs.

Note to Physician: Malathion use may cause cholinesterase inhibition. Atropine is antidotal.

Undiluted spray droplets of Malathion will permanently damage automobile paint. Cars should not be sprayed. If accidental exposure does occur, the car should be washed immediately. Consult your state experiment station or state extension service for proper timing of sprays.

NOTICE

[illegible]

For Ultra Low Volume Aerial Application over cities, towns and other areas where automobiles, trailers and pleasure boats are present: Apply 3.2 fluid ounces per acre (40 acres per gallon).

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 degree angle down and into the wind.
4. Diaphram check valves are used on all nozzles to insure positive cut-off of the spray.
5. Dosage of this product does not exceed 3.2 fluid ounces per acre (40 acres per gallon).
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.

ADULT STABLE FLY CONTROL [illegible]

For control of adult stable flies over a 300-foot swath with non-thermal aerosols of Malathion using the ultra low volume method, use the following flow rates at the indicated vehicle speeds.

Vehicle Speed Miles per Hour	Flow Rate of Malathion Fluid Ounces per Minute	Maximum Flow Rate per Hour
5	2.1 fluid ounces	1 gallon
10	4.3 fluid ounces	2 gallons

CROP	PESTS CONTROLLED	FLUID OUNCES PER ACRE	INTERVAL BETWEEN LAST APPLICATION AND HARVEST
Grain Sorghum	[illegible]	[illegible] 12	[illegible]
Rice (Grain Form) (Louisiana, Texas)	[illegible]	[illegible]	[illegible]
Safflower	Grasshoppers, Lygus Bug	[illegible]	[illegible]
Soybeans	Mexican Bean Beetle, Grasshoppers, Japanese Beetle, [illegible]	[illegible]	[illegible]
Sugar Beets	Grasshoppers, Sugar Beet [illegible], Maggot [illegible]	[illegible]	[illegible]
Nonagricultural Lands	[illegible]	[illegible]	[illegible]
Beef Cattle Feed Lots and Holding Pens	[illegible]	[illegible]	[illegible]

OTHER AGRICULTURAL USES

[illegible]

FOREST INSECTS

[illegible]

TREE	PESTS CONTROLLED	FLUID OUNCES PER ACRE	DIRECTIONS
Douglas Fir, True Fir, Spruce	[illegible] Budworm	13	Apply when [illegible] in the fifth instar
Hemlock	Hemlock Looper	8	Apply when [illegible] fourth instar
Pines	European Pine Sawfly	[illegible]	Apply when [illegible] the first instar [illegible]
	[illegible] Spittlebug		Apply when [illegible] become adult [illegible]

ACCEPTED
Sep 11 1974
1034-116
UNDER [illegible]

NET CONTENTS __________ GALLONS

EPA Est. 1029-IA-1

MANUFACTURED BY AIDEX [illegible] OMAHA, NEBRASKA