

### USE PRECAUTIONS

Do not feed treated forage to dairy animals or animals being finished for slaughter

Do not contaminate feed or foodstuffs. Not for use or storage in or around the house.

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. Do not reuse empty drum. Return to drum reconditioner or destroy by perforating or crushing and burying in a safe place away from water supplies.

This product is toxic to fish, shrimp, crab, birds and other wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply where runoff is likely to occur. Do not apply when weather conditions favor drift from areas treated. Do not contaminate water by cleaning of equipment or disposal of wastes. Apply this product only as specified on this label.

| ORNAMENTAL PLANTS OUTDOOR PLANTS ONLY | PESTS CONTROLLED  | PINTS PER 100 GAL. WATER | TABLESPOONS PER 3 GAL. WATER |
|---------------------------------------|---|--------------------------|------------------------------|
| AZALEAS                               | Leaf Bugs<br>Leafminers<br>Mites<br>Tea Scale<br>White Flies  | 5                        | 5                            |
| BIRCH                                 | Aphids<br>For leafminers, apply when first signs appear (mid-May) and repeat in early July.   | 5                        | 5                            |
| BOXWOOD                               | Leafminers<br>Mealy Bugs<br>Mites<br>For leafminers, apply in spring when leafminers first appear in early summer for control of larvae in the infested leaves. | 5                        | 5                            |
| CAMELIAS                              | Aphids<br>Cane Scale<br>Mites<br>Tea Scale  |                          | 5                            |
| CARNATIONS                            | Aphids<br>Mites<br>Leaf Bugs<br>Leafminers<br>Apply when pests appear or when damage is first observed.   | 5                        | 5                            |
| EUONYMUS                              | Aphids<br>Scale   | 10                       | 10                           |
| GLADIOLAS                             | Aphids<br>Thrips  | 5                        | 5                            |
| HEMLOCK                               | Mites<br>Scale  | 5                        | 5                            |
| JUN PER                               | Aphids<br>Bagworms<br>Mites<br>Mites  |                          | 5                            |
| PINE                                  | Aphids<br>Bagworms<br>European Pine Sawfly<br>Nantucket Pine Tip Moth<br>Pine Needle Scale<br>Pine Mite   | 10                       | 10                           |
| Roses                                 | Aphids<br>Leafhoppers<br>Mites<br>Thrips  | 5                        | 5                            |

**Required Clothing and Equipment for Application:** All applicators, including homeowners, flaggers and all personnel involved with the mixing, loading, and transferring operations must wear protective clothing and equipment enumerated below. Pilots are exempt from this requirement. The protective clothing and equipment to be worn is as follows:

a) Impermeable gloves (for example, rubber or plastic covered reinforced gloves) b) Boots or boot covers c) Long-sleeved shirt and long pants d) Wide-brimmed hat e) Respirators must be worn by flaggers and mixer loaders.

**Aerial Application:** Automatic Flagging Devices Should Be Used Whenever Feasible. If Human Flaggers Are Employed They Must Wear The Protective Clothing and Respirator Specified on This Label.

**BY AIR:** Use 5-10 gal. of water per acre.

**BY GROUND:** Use 20-50 gal. of water per acre.

**DIRECTIONS FOR USE:**

**BEANS** (green lima dry): For control of Aphids, Armyworms, Cutworms, Leafhoppers, Leafminers, Lygus bugs and Mites use 5 pints per acre. Do not apply after pods begin to form. Do not feed treated vines to dairy animals or animals being finished for slaughter.

**COTTON:** For control of Aphids, Leafhoppers, Lygus bugs, Mites, and Thrips use 5 pints per acre. Do not apply within 14 days of harvest. Do not feed treated forage or graze livestock on treated fields. Do not repeat application within 14 days.

**SEED ALFALFA:** For control of Aphids, Grasshoppers, Leafhoppers and Lygus bugs use 5 pints per acre. Do not apply during bloom period. Do not apply more than once per season. Do not apply within 28 days of harvest. Do not feed treated forage to dairy animals or animals being finished for slaughter.

**CITRUS** (Arizona and California only): For control of Aphids, Thrips, Mites (except rust mite) - use 2 1/2 pints per 100 gallons of water. Scales (except black or snow), White Flies - use 1 quart per 100 gallons of water. Grasshoppers - use 3 quarts per acre. May be used on bearing Lemons and Oranges, non-bearing only on other citrus crops. Do not apply within 30 days of harvest. Do not feed treated forage to dairy animals or animals being finished for slaughter.

**PEPPERS:** For control of Aphids, Leafminers, Maggots, Flea Beetles, Hornworms - use 3-1/2 pints per acre. For Armyworms, Blister Beetle, Colorado Potato Beetle, Cutworms, Fruitworms - use 2 quarts per acre. Do not apply within 5 days of harvest.

**TOMATOES:** For control of Aphids, Armyworms, Blister Beetles, Cabbage Looper, Colorado Potato Beetle, Cutworms, Flea Beetles, Grasshopper, Leafminers, Leafhoppers, Pinworms, Russet Mite, Thrips, Tomato Fruitworms, Tomato Hornworms use 5 pints per acre. Do not apply within 7 days of harvest.

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

**OUTDOOR ORNAMENTAL PLANTS:** DE-FEND TOX is generally effective against Aphids, Thrips, grasshoppers, leafhoppers, cutworms, Colorado potato beetle, flea beetles, and mites. For persistent control of these pests on ornamental plants, use 1/2 to 1 quart per 100 gallons of water. Cultural extension...

Do not use on any ornamental plants that are susceptible to phytotoxicity. Do not use on plants that are stressed or in bloom. Do not use on plants that are in contact with water. Do not use on plants that are in contact with other plants. Do not use on plants that are in contact with other plants.



**ACTIVE INGREDIENTS:**

Toxaphene 47.7%  
Dimethoate 8.0%  
Xylene 23.5%

**INERT INGREDIENTS:**

Total 20.8%  
100.0%

Technical Chlorinated camphene (67-69) chloroel  
O,O-Dimethyl S-(methylcarbamoyl) methyl phosphorodithioate

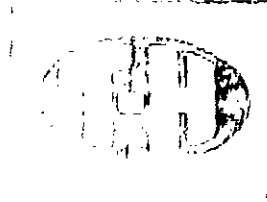
**WARNING Keep Out of Reach of Children**

SEE OTHER PRECAUTIONS ON THE SIDE PANEL

May be fatal if swallowed! Do not breathe spray mist. Do not get in eyes, on skin, or on clothing. Wash thoroughly after using.

**NET CONTENTS**

**1 GAL. (3.785 litres)**



**P.O. BOX 2700, KANSAS CITY, KANSAS 66110**

ACCEPTED

FEB 1962

440-350