

PROKIL

DIMETHOATE E-267

Active Ingredient
Dimethoate—O,O-dimethyl (2-methyl-4-methylthio) methyl phosphorothioate**
Inert Ingredients

by wt
30.5%
69.5%
100.0%

*Contains 267 lb. dimethoate per gallon

WARNING

KEEP OUT OF REACH OF CHILDREN

NOT FOR USE OR STORAGE IN OR AROUND HOME

May be fatal or harmful if swallowed. Vapor Hazard.
Avoid breathing vapor or spray mist.
Use only with adequate ventilation.
Wash thoroughly after handling.
Do not contaminate soil or food products.
Avoid contact with skin and eyes.

Concentrated material causes eye irritation. In case of contact with eyes, flush eyes with plenty of water for at least fifteen minutes.

See accompanying booklet for directions of use.

Net Content:

Gal.

EPA Reg. No. 10163-58

EPA EST. 10163-58

CALIFORNIA (Plant)
P.O. Box 458
340 East Main St.,
Telephone: 348-2262
Calipatria, CA 92233

The Dune Company
AGRICULTURAL CHEMICALS

ARIZONA
P.O. Box 5696
2760 W. Cty. 15 St.
Telephone 344-0040
Yuma, AZ. 85364

NOTE TO PHYSICIAN: This product when used may cause cholinesterase inhibition. Atropine, 1-methyl-3-pyrrolidyl Ethylloxime chloride (2-PAM, PROTOPAM, etc.) may be used as an antidote to atropine. Use according to label directions.

This product is toxic to shrimp, crab, birds and other wildlife. Keep out of lakes, streams, ponds, and similar aquatic areas. Do not apply when rain 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.

This product is toxic to bees. Restrict application to the period after wax when bees are active, the hive or in the early morning before bees are foraging in the field. Protective information may be obtained from your cooperative agricultural extension service.

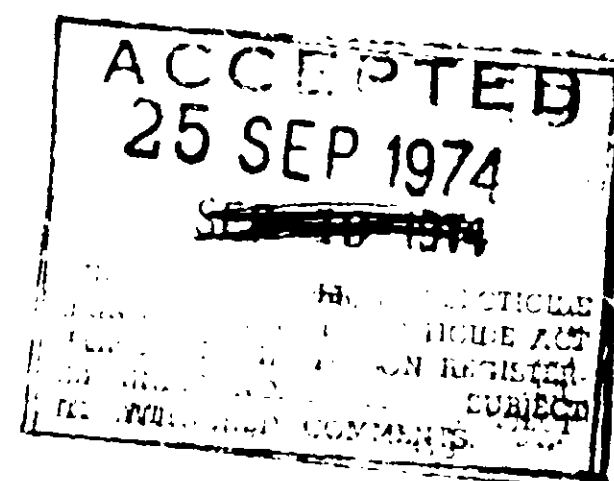
DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME

Container Disposal: Turn pail completely over. Add 1/2 gallon of water, 1/4 cup of detergent and 1/4 pound of lye. Tighten closure. Rotate pail to wet all surfaces and let stand for at least 15 minutes. Turn completely and rinse several times with water. Tighten closure, puncture and crush pail to prevent reuse. Deliver undamaged container to an approved disposal site.

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 safe practice. The buyer must assume all responsibility including injury or damage resulting from its misuse as such, or in combination with other materials.

8-74 1924-PROOF SET



25 SEP 74

**PROKIL
DIMETHOATE
E-267**

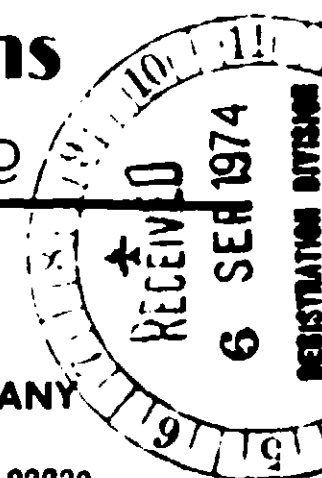
**Directions
For Use**

THE DUNE COMPANY
P. O. Box 458
CALIPATRIA, CALIF. 92233

EPA Est. 10163-CA-1

EPA Reg. No. 10163-56

E-74 151 PROOF SET



This product is intended for use by the commercial grower or commercial applicator in conventional hydraulic sprayers, ground applicators or airplane sprayers. When applying use the recommended amount of material in sufficient water for thorough coverage.

	ground	aircraft
Vegetable and		
Field Crops	20-150 gals	5-15 gal
Small Fruits	20-200 gals	7-15 gal
Tree Crops		
(mature)	10-1000 gals	10-25 gals
Citrus		
(mature)	100-2000 gals	10-25 gals

Do not apply when weather conditions favor drift of spray from areas treated. Repeat applications as necessary unless otherwise specified. Consult your state experiment station or state extension service for proper timing of applications.

FRUIT

APPLES, PEARS: Aphids, Leafhoppers, Mites (except rust mites). Apply $\frac{3}{4}$ -1½ pts per 100 gals water. Do not apply during the bloom period. Do not apply within 28 days of harvest.

CITRUS (GRAPEFRUIT, LEMONS, ORANGES, TANGERINES): Aphids. Ground, apply $\frac{3}{4}$ -1½ pts per 100 gals water. Apply as a

thorough coverage spray. Aircraft, 1-5 pt per acre. Mites (except rust mites). Ground, apply $\frac{3}{4}$ -1½ pts per 100 gals water. Apply as a thorough distribution coverage spray. Scales (except black or snow). Ground, apply $\frac{1}{2}$ -2¼ pt per 100 gals water. Apply as a thorough coverage spray. Thrips. Ground, apply $\frac{3}{4}$ -1½ pts per 100 gals water. Apply as a mist spray. Acanthids. Apply 3½ pts per acre. Whiteflies. Ground, apply $\frac{1}{2}$ pt per 100 gals water. Apply as a thorough distribution coverage spray. Do not apply within 15 days of harvest. Do not apply during bloom period. Do not use on citrus seedlings. Make no more than 2 applications to mature trees. Do not enter treated areas within 4 days of last application.

CITRUS (NON-BEARING) AND NURSERY STOCK (CALIFORNIA AND ARIZONA):

Thrips. Aerial. Foliar spray 1½ pt per 100 gals water. Repeat applications as necessary. Do not apply to trees that will bear fruit within one year. Do not enter treated areas within 4 days of last application. Do not apply to trees 1-3 years old. 3 qt per acre applied in the furrow or basin around the base of the tree. Apply when insect injury to new growth appears. Do not apply to trees that will bear fruit within one year.

PROKIL DIMETHOATE E-267 should be used only on nursery stock and nonbearing trees. Do not apply in the year trees begin to bear a crop. Consult your state agricultural experiment station or state agricultural extension service for proper timing of applications.

NUTS

PECANS: Aphids, Mites, Leafhoppers. Ground only, apply 1 pt. per acre. Do not apply within 21 days of harvest. Do not graze livestock in treated groves.

VEGETABLE CROPS

BEANS (GREEN, LIMA, SNAP, DRY): Aphids, Leafhoppers, Leaf Miners, Mites, Lygus Bugs. Apply $\frac{3}{4}$ -1½ pts. per acre. Beans may be harvested on day of application. Do not feed treated vines.

BROCCOLI, CAULIFLOWER: Aphids. Apply $\frac{3}{4}$ -1½ pts. per acre. Do not apply within 7 days of harvest.

CABBAGE: Aphids. Apply $\frac{3}{4}$ -1½ pts. per acre. Do not apply within 3 days of harvest.

HEAD LETTUCE: Aphids, Leafhoppers, Leaf Miners. Apply $\frac{3}{4}$ pt. per acre. Do not apply within 7 days of harvest.

LEAF LETTUCE, SPINACH, COLLARDS, KALE, TURNIP (GREENS AND ROOTS), MUSTARD GREENS, SWISS CHARD, ENDIVE (ESCAROLE): Aphids, Leafhoppers, Leaf Miners. Apply $\frac{3}{4}$ pt. per acre. Do not apply within 14 days of harvest.

MELONS (EXCEPT WATERMELONS): Aphids, Leafhoppers, Leaf Miners, Thrips. Apply 1½ pts. per acre. Do not apply within 3 days of harvest.

WATERMELONS: Aphids, Leaf Miners, Leafhoppers. Apply $\frac{3}{4}$ -1½ pts. per acre. Do not apply within 3 days of harvest.

PEAS: Aphids. Apply $\frac{1}{2}$ pt. per acre. Do not apply within 3 days of harvest. Do not graze livestock within 21 days after last application when an anticholinergic insecticide is used. Do not feed or graze when a mobile virus is used.

PEPPERS: Aphids, Leaf Miners, Mites. Apply $\frac{3}{4}$ -1 pt. per acre. Peppers may be harvested on day of application.

POTATOES: Aphids, Leaf Miners, Leafhoppers. Apply $\frac{3}{4}$ -1½ pts. per acre. Potatoes may be harvested on day of application.

TOMATOES: Aphids, Leaf Miners, Leafhoppers. Apply $\frac{3}{4}$ -1½ pts. per acre. Do not apply within 7 days of harvest.

Where cutworms and other soil pests are a problem, the insecticide **PROKIL DIMETHOATE E-267** may be applied

with endosulfan, malathion, or parathion. Use in accordance with the manufacturers directions for control of these insects.

FIELD CROPS

ALFALFA: Aphids, Leafhoppers, Lygus bugs, Grasshoppers, reduction of Alfalfa weevil larvae. Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per acre. Do not apply during bloom period. Do not apply within 14 days of harvest or pasturing. Make only one application per year. Effective on all varieties to which applied.

COTTON (GROWN IN CALIFORNIA AND ARIZONA): Lygus bugs, Leafhoppers, Black Flea-hoppers. Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per acre. Do not apply within 14 days of harvest. Repeat applications should not be made at intervals closer than 14 days. Make only 2 applications per season at the highest rate. Do not feed treated forage or graze livestock on treated fields.

COTTON: Aphids, Mites, Thrips, Flea-hoppers. Apply 1-2 pt. per acre. Do not apply within 14 days of harvest. Repeat applications should not be made at intervals closer than 14 days. Do not feed treated forage or graze livestock on treated fields.

SAFFLOWER (CALIFORNIA, ARIZONA): Aphids, Leafhoppers, Lygus bugs, thrips. Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per acre. Do not apply within 14 days of harvest. Repeat applications

should not be made at intervals closer than 14 days. Make only 2 aerial applications or 2 ground applications per season.

SORGHUM (MILO): Aphids. Apply 1-1 $\frac{1}{2}$ pts. per acre. Apply 25-40 gals. per acre by ground equipment for control of grasshoppers and 2-10 gals. by ground equipment for control of weeds. Do not apply within 14 days of harvest. Make 2 aerial applications or 2 ground applications per season.

TOBACCO: Apply 1-1 $\frac{1}{2}$ pts. per acre. Do not apply within 14 days of harvest.

WHEAT (GROWN IN TEXAS, OKLAHOMA, KANSAS): Aphids, grasshoppers. Apply 1-1 $\frac{1}{2}$ pts. per acre. Do not apply within 14 days of harvest. Do not apply within 14 days of harvest. Do not feed treated forage or graze livestock on treated fields.

SEED CROPS

ALFALFA: Aphids, Leafhoppers, Lygus bugs, Grasshoppers, reduction of Alfalfa weevil larvae. Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts. per acre. Do not apply during bloom period. Do not apply within 14 days of harvest or pasturing. Make only one application per year. Effective on all varieties to which applied.

FOREST INSECTS

Do not apply to pine trees used for seed production.

PINYON PINE: Pinon needle cone. Apply 2-4 gal. in 100-200 gal. water. Apply spray to any cracks at the base of the trunk or to the bark and needles that are exposed from the ground. Make this bark application when crawlers start to emerge from the edge. Use hydraulic or backpack sprayer. Do not spray leaves or needles as phytotoxicity may result.

DOUGLAS FIR: Bark cone wedge. Apply 1-4 gal. in 100-200 gal. water. Make thorough coverage application when cones are closed and pendant. Use hydraulic or backpack sprayer.

PINES: Loblolly pine. Apply 3-6-9 gal. per acre in 2-3 gal. water. Apply by aircraft when air is calm and the temperature is below 88°. Apply when new larvae are in the second or third instar.

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 use practice. The buyer must assume all responsibility including damage, resulting from its misuse as such, or in combination with other materials.

PROKIL

DIMETHOATE E-267

Active Ingredient
Dimethoate—(OO dimethyl S [(methyl, isobutyl)methyl]
phosphorothioate)*
Inert Ingredients

by wt
90.5%
69.5%
100.0%

*Contains 2.67 lb. Dimethoate per gallon

WARNING

KEEP OUT OF REACH OF CHILDREN

NOT FOR USE OR STORAGE IN OR AROUND HOME

May be Fatal or harmful if swallowed. Vapor Harmful

Avoid breathing vapor or spray mist

Use only with adequate ventilation

Wash thoroughly after handling

Do not contaminate food or feed products

Avoid contact with skin and eyes

Concentrated material causes eye irritation. In case of contact with eyes,
flush eyes with plenty of water for at least fifteen minutes

See accompanying booklet for directions of use

Net Contents Gals EPA Reg. No. 10163-56
EPA EST. 10163-CA-1

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340 East Main St.
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Calipatria, CA 92233

The Dune Company
AGRICULTURAL CHEMICALS

ARIZONA
P.O. Box 5696
2760 W. City 15 St.
Telephone 344-0040
Yuma, AZ 85364

NOTE TO PHYSICIAN: This product upon use may cause cholinesterase inhibition. Atropine is anticholinergic. Prothoxime chloride (2-PAM, PROTOPAM chloride) may be effective as an adjunct to atropine. Use according to label directions.

This product is toxic to shrimp, crab, birds and other wildlife. Keep out of lakes, streams, ponds, tidal marshes and estuaries. Do not apply when 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.

This product is toxic to bees. Restrict application to the period after dark when bees are inside the hive or in the early morning before bees are foraging in the fields. Protective information may be obtained from your cooperative agricultural extension service.

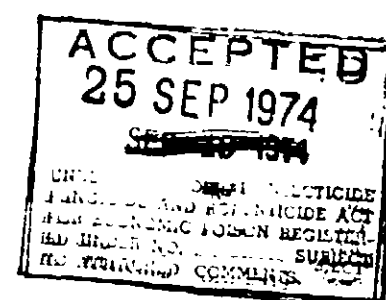
DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME

Container Disposal: Drain pail completely. Add 1/2 gallon of water, 1/4 cup of detergent and 1/2 pint of lye. Tighten closure. Rotate pail to wet all surfaces and let stand for at least 15 minutes. Drain completely and rinse several times with water. Tighten closure, puncture and crush pail to prevent reuse. Deliver unusable container to an approved disposal site.

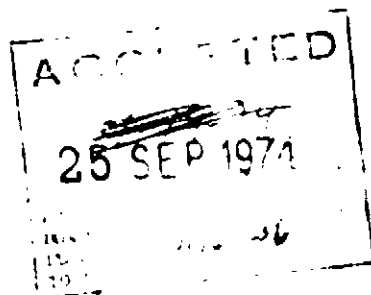
NOTICE ON CONDITIONS OF SALE

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8-74 192—PROOF SET



10-16-85



P R O K I L
DIMETHOATE
E-267

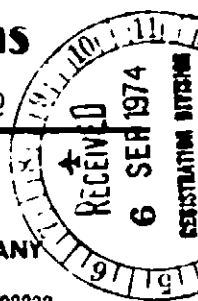
Directions
For Use

THE DUNE COMPANY
P. O. Box 458
CALIPATRIA, CALIF. 92233

EPA Est. 10163-CA-1

EPA Reg. No. 10163-56

2-74 192-PROOF SET



This product is intended for use by the farmer or grower as an aerial application for use in conventional hydraulic sprayers, ground applicators or airplane sprayer. When applying use the recommended amount of material in sufficient water for thorough coverage.

	ground	aircraft
Vegetable and Field Crops	20-150 gals	5-15 gals
Small Fruits	20-200 gals	7-15 gals
Tree Crops (mature)	40-1000 gals	15-25 gals
Citrus (mature)	100-2000 gals	10-25 gals

Do not apply when weather conditions favor drift of spray from areas treated. Repeat applications as necessary unless otherwise specified. Consult your state experiment station or state extension service for proper timing of applications.

FRUIT

APPLES, PEARS: Aphids, Leafhoppers, Mites (except rust mites). Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts per 100 gals water. Do not apply during the bloom period. Do not apply within 28 days of harvest.

CITRUS (GRAPEFRUIT, LEMONS, ORANGES, TANGERINES): Aphids. Ground, apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts per 100 gals water. Apply as an

outside coverage spray. Aircraft, 3-6 pts per acre. Mites (except rust mites). Ground, apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts per 100 gals water. Apply as a thorough distribution coverage spray. Scales (except black or snow). Ground, apply 1 $\frac{1}{2}$ -2 $\frac{1}{4}$ pts per 100 gals water. Apply as a thorough coverage spray. Thrips. Ground, apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts per 100 gals water. Apply as a mist spray. Aircraft, apply 3-6 pts per acre. Whiteflies. Ground, apply 1 $\frac{1}{2}$ pts per 100 gals water. Apply as a thorough distribution coverage spray. Do not apply within 15 days of harvest. Do not apply during bloom period. Do not use on citrus seedlings. Make no more than 2 applications to mature fruit. Do not enter treated groves within 4 days of last application.

CITRUS (NON-BEARING) AND NURSERY STOCK (CALIFORNIA AND ARIZONA):

Thrips. Aphids. Foliar spray 1 $\frac{1}{2}$ pts per 100 gals water. Repeat applications as necessary. Do not apply to trees that will bear fruit within one year. Do not enter treated groves within 4 days of last application. Soil drench (Trees 1-3 years old). 3 qts per acre applied in the furrow or basin around the base of the tree. Apply when insect injury to new growth appears. Do not apply to trees that will bear fruit within one year.

PROKIL DIMETHOATE E-267 should be used only on nursery stock and nonbearing trees. Do not apply in the year trees begin to bear a crop. Consult your state agricultural experiment station or state agricultural extension service for proper timing of applications.

NUTS

PECANS: Aphids, Mites, Leafhoppers. Ground only. Apply 1 pt per acre. Do not apply within 21 days of harvest. Do not graze livestock in treated groves.

VEGETABLE CROPS

BEANS (GREEN, LIMA, SNAP, DRY): Aphids, Leafhoppers, Leaf Miners, Mites, Lygids. Bigs. Apply $\frac{3}{4}$ -1½ pts per acre. Beans may be harvested on day of application. Do not feed treated vines.

BROCCOLI CAULIFLOWER: Aphids. Apply $\frac{3}{4}$ -1½ pts per acre. Do not apply within 7 days of harvest.

CABBAGE: Aphids. Apply $\frac{3}{4}$ -1½ pts per acre. Do not apply within 3 days of harvest.

HEAD LETTUCE: Aphids, Leafhoppers, Leaf Miners. Apply $\frac{3}{4}$ pt per acre. Do not apply within 7 days of harvest.

LEAF LETTUCE, SPINACH, COLLARDS, KALE, TURNIP (GREENS AND ROOTS), MUSTARD GREENS, SWISS CHARD, ENDIVE (ESCAROLE): Aphids, Leafhoppers, Leaf Miners. Apply $\frac{3}{4}$ pt per acre. Do not apply within 14 days of harvest.

MELONS (EXCEPT WATERMELONS): Aphids, Leafhoppers, Leaf Miners, Thrips. Apply 1½ pts per acre. Do not apply within 3 days of harvest.

WATERMELONS: Aphids, Leaf Miners, Leafhoppers. Apply $\frac{3}{4}$ -1½ pts per acre. Do not apply within 3 days of harvest.

PEAS: Aphids. Apply $\frac{1}{2}$ pt per acre. Peas may be harvested on day of application. Do not feed or graze hay within 21 days after last application when a stationary viner is used. Do not feed or graze when a mobile viner is used.

PEPPERS: Aphids, Leaf Miners, Maggots. Apply $\frac{3}{4}$ -1 pt per acre. Peppers may be harvested on day of application.

POTATOES: Aphids, Leaf Miners, Leafhoppers. Apply $\frac{3}{4}$ -1½ pts per acre. Potatoes may be harvested on day of application.

TOMATOES: Aphids, Leaf Miners, Leafhoppers. Apply $\frac{3}{4}$ -1½ pts per acre. Do not apply within 7 days of harvest.

Where cabbageworms and cabbage looper are a problem, the above rate of PROKIL DIMETHOATE E-267 are compatible.

with endosulfan, malathion, or parathion. Use in accordance with the manufacturers' directions for control of these insects.

FIELD CROPS

ALFALFA: Aphids, Leafhoppers, Lygus bugs, Grasshoppers, reduction of Alfalfa Weevil larvae. Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts per acre. Do not apply during bloom period. Do not apply within 10 days of harvest or pasturing. Make only one application per year. Effective only on cutting to which applied.

COTTON (GROWN IN CALIFORNIA AND ARIZONA): Lygus bugs, Leafhoppers, Black Fleahopper. Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts per acre. Do not apply within 14 days of harvest. Repeat application should not be made at intervals closer than 14 days. Make only 2 applications per season at the higher rate. Do not feed treated forage or graze livestock on treated fields.

COTTON: Armyworms, Mites, Tarns, Fleahoppers. Apply 1-2 pt per acre. Do not apply within 14 days of harvest. Repeat applications should not be made at intervals closer than 14 days. Do not feed treated forage or graze livestock on treated fields.

SAFFLOWER (CALIFORNIA, ARIZONA): Aphids, Leafhoppers, Lygus bugs, thrips. Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts per acre. Do not apply within 14 days of harvest. Repeat applications

should not be made at intervals closer than 14 days. Make only 2 aerial applications or 2 ground applications as needed per season.

SORGHUM (MILO): Aphids. Apply 1-1 $\frac{1}{2}$ pts per acre. Apply 25-40 gals per acre by ground equipment for complete coverage and 2-10 gals by aircraft. Do not feed or graze within 28 days of last application. Make 2 aerial applications or 2 ground applications as needed per season.

TOBACCO: Aphids. $\frac{3}{4}$ -1 pt per acre. Do not apply within 21 days of harvest.

WHEAT (GROWN IN TEXAS, OKLAHOMA, KANSAS): Aphids, Greenbugs. Apply $\frac{3}{4}$ -1 pt per acre. Brown Wheat Mite. 1-2 pt per acre. Do not apply within 14 days of grazing in mature plant. Do not harvest grain within 60 days of last application.

SEED CROPS

ALFALFA: Aphids, Leafhoppers, Lygus bugs, Grasshoppers, reduction of Alfalfa Weevil larvae. Apply $\frac{3}{4}$ -1 $\frac{1}{2}$ pts per acre. Do not apply to alfalfa in the bloom period. Do not feed or graze livestock in treated alfalfa hay, threshings or stubble within 10 days of application.

FOREST INSECTS

Do not apply to pine trees used for pine nut or pinyon nut production.

PINYON PINE: Pinon needle scale. Apply 3 gals in 100 gals water. Apply spray to egg masses at the base of the trees and to all rough bark and crotches that can be reached from the ground. Make this bark application when crawlers start to emerge from the eggs. Use hydraulic or backpack sprayers. Do not spray leaves or needles since phytotoxicity may result.

DOUGLAS FIR: Fir cone midge. Apply 3/4 gal in 100 gals water. Make thorough coverage application when cones are closed and pendant. Use hydraulic or backpack sprayer.

PINES: Loblolly pine sawfly. Apply 38-3/4 pt per acre in 2 gals water. Apply by aircraft when air is calm and the temperature is below 68°F. Apply when most larvae are in the second and third instars.

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 safe practice. The buyer must assume all responsibility including damage, resulting from its misuse as such, or in combination with other materials.