

# RIVERSIDE DIMATE 2.67

AN EMULSIFIABLE CONCENTRATE CONTAINING 2.67 POUNDS OF DIMETHOATE PER GALLON.  
USEFUL FOR THE CONTROL OF CERTAIN INSECT PESTS OF CERTAIN FRUIT CROPS, NUTS, VEGETABLES, FIELD CROPS, AND FOREST TREES.

<b>ACTIVE INGREDIENTS:</b>	
Dimethoate 10-Dimethyl S (methylcarbamoyl)methyl phosphorothioate	31.0%
Aromatic Petroleum Solvent	29.8%
<b>INERT INGREDIENTS</b>	44.2%
<b>TOTAL</b>	100%
Product No. 2267-1-30-40 (100% Dimethoate)	

## WARNING: KEEP OUT OF REACH OF CHILDREN

Harmful or fatal if inhaled or swallowed or absorbed through the skin. May cause irritation of eyes, nose, throat and skin. Avoid contact with eyes and skin. Avoid breathing vapor or spray mist. Wash thoroughly after handling. In case of contact, flush with plenty of water for at least 15 minutes. Get medical attention.

Keep away from domestic animals and foodstuffs. Do not contaminate or apply onto feed or foodstuff.

### POISONOUS TO FISH AND WILDLIFE

This product is toxic to shrimp, crab, birds and other wildlife. 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.

### HIGHLY TOXIC TO BEES

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 the bees are foraging in the fields. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Do not apply when weather conditions favor drift from area treated.

RIVERSIDE DIMATE 2.67 is a clear liquid. When added to water, it will disperse readily and will remain physically stable with a minimum amount of agitation. Do not store RIVERSIDE DIMATE 2.67 below 32 F. as it may tend to crystallize. Avoid storage above 90 F. as prolonged storage above 90 F. may cause some loss in grade.

Apply this product only as specified on this label.

**NOTE TO PHYSICIANS:** Dimethoate may cause cholinergic symptoms. Atropine is antidote.

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

**READ ENTIRE LABEL BEFORE USING THIS PRODUCT:** Use of this product in a manner not in accordance with the information on this label may injure or kill humans, domestic animals, and/or aquatic life. Desirable plants, create excessive and undesirable residues, or produce other undesirable results.

### GENERAL INFORMATION

RIVERSIDE DIMATE 2.67 is useful for control of certain insect pests of certain fruit crops, nuts, vegetables, field crops, and forest trees.

RIVERSIDE DIMATE 2.67 may be applied by ground sprayers or by airplanes using the RIVERSIDE DIMATE 2.67 in water to form an emulsion spray solution. To make the spray solution, half fill the spray tank with water, agitate, add the proper amount of RIVERSIDE DIMATE 2.67, and then fill the spray tank with water while still agitating. Continue to agitate during use.

When applying with ground sprayers calibrate so as to apply the recommended amount of RIVERSIDE DIMATE 2.67 in not less than 3 gallons of water per acre unless directed otherwise. Airplanes should spray the recommended amount of RIVERSIDE DIMATE 2.67 in 3 to 10 gallons of water per acre unless directed otherwise. Always use sufficient water for adequate coverage of the crop foliage.

The dosages given under DIRECTIONS FOR USE are the amounts of RIVERSIDE DIMATE 2.67 to be applied per acre treated per application. Repeat applications as necessary, unless otherwise directed in DIRECTIONS FOR USE.

Where a dosage range is given use the lower rate on small or young plants or with light insect infestations. Use the higher rate on large or more mature plants or with heavy insect infestations.

The hazard and precautions for handling RIVERSIDE DIMATE 2.67 in this container are equally applicable to other containers with water for spray application.

### REQUIRED CLOTHING AND EQUIPMENT FOR APPLICATION:

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

- Impermeable gloves for example, rubber or plastic covered reinforced gloves.
- Boots or boot covers.
- Long sleeved shirt and long pants.
- Wide brimmed hat.
- The operator must be worn by flaggers and mixer loaders.

### AERIAL APPLICATION:

Automatic tagging devices should be used whenever feasible.

If human flaggers are employed they must wear the protective clothing and respirator specified on this label.

### DISPOSAL OF CONTAINER

Do not reuse containers when empty by punching holes in them and burying with a shovel. Do not burn. Do not reuse containers for other purposes. Rinse and empty containers and dispose of wastes by burying in non-crop lands away from water supplies.

### NOTICE

Seller warrants that the product conforms to its chemical description and is reasonably fit for the purposes stated on the label when used in accordance with directions under normal conditions of use, but neither this warranty nor any other warranty of merchantability or fitness for a particular purpose, express or implied, extends to the use of this product contrary to label instructions or under abnormal conditions of use or conditions not reasonably foreseeable to seller, and buyer assumes the risk of any such use.

### DIRECTIONS FOR USE — FOREST INSECTS

DO NOT APPLY TO PINE TREES USED FOR FRESH OR DRIED CHRISTMAS TREES

TREE	INSECT SCALE	AMOUNT TO APPLY	REMARKS
PIYON PINE	PIYON NEEDLE SCALE	3 gallons per 100 gallons of water per acre	Apply spray to egg masses at the base of the trees and to all rough bark and crevices that can be reached on the ground. Make this application when scales start to emerge from the eggs. Use hydraulic or back pack sprayer. Do not spray leaves or needles since phytotoxicity may result.
DOUGLAS FIR	FIREBARK MIDGE	1/2 gallon per 100 gallons of water per acre	Make thorough coverage application when cones are closed and pendulous. Use hydraulic or back pack sprayer.

PIYON	ECBLOITY PINE SAWFLY	1/2 to 3/4 pint per acre in 2 gallons water	Apply by aircraft when air is calm and the temperature is below 60 F. Apply when most larvae are in the second and third instars. Do not apply to pine not in production.
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### DIRECTIONS FOR USE — FIELD CROPS

CROP	INSECTS CONTROLLED	AMOUNT TO APPLY	DAYS BETWEEN LAST APPLICATION AND HARVEST
ALFALFA (grown for hay)	APHIDS LEAFHOPPERS LYGUS BUGS GRASSHOPPERS REDUCTION OF ALFALFA WEEVIL LARVAE	1/2 to 1 1/2 pints per acre	Do not apply to alfalfa in the bloom period. Do not apply less than 28 days before harvest or pasturing. Make only one application per season. Effective only on cutting to which applied.
ALFALFA (grown for seed)	APHIDS LEAFHOPPERS LYGUS BUGS GRASSHOPPERS REDUCTION OF ALFALFA WEEVIL LARVAE	1/2 to 1 1/2 pints per acre	Do not apply to alfalfa during bloom period. Do not feed livestock on treated crops. Drawings of hay treated less than 28 days before harvest or pasture suitable summer than 28 days after treatment.
COTTON (grown in Ariz. & Calif.)	LYGUS BUGS LEAFHOPPERS THRIPS BLACK FLEA HOOPERS	1/2 to 1 1/2 pints per acre	Do not apply less than 14 days before harvest. Do not repeat applications within 14 days. Do not feed treated forage or grain livestock on treated fields.
COTTON (early season)	APHIDS, MITES	1/2 to 2/3 pints per acre	
COTTON (late season Texas)	LEAFHOPPERS	1/2 to 2/3 pints per acre	
SAFFLOWER (grown in Calif.)	APHIDS LEAFHOPPERS LYGUS BUGS THRIPS	1/2 to 1 1/2 pints per acre	Do not apply less than 14 days before harvest. Do not repeat applications within 14 days. Make only 2 applications per season at the higher rate.
TOBACCO	APHIDS	1/2 to 1 pint per acre	Do not apply less than 21 days before harvest.
SORGHUM	APHIDS	Moderate to heavy infestations — 1/2 to 1 1/2 pints per acre. Light infestations on young sorghum prior to head formation — 1/2 to 2/3 pint per acre.	Do not feed or graze within 28 days of last application. Apply no more than 3 applications or 3 ground applications per season as needed.
WHEAT (grown in Texas, Oklahoma, Kansas)	APHIDS (green & red) BRYAN WHEAT MITE	1/2 to 1 pint per acre 1/2 to 2/3 pint per acre	Do not apply within 14 days of grazing or haying pastures. Do not harvest grain within 60 days of last application.

**ACCEPTED**

AUG 19 1981

Under Federal Insecticide, Fungicide and Rodenticide Act, as amended, in the pesticide registered on for EPA Reg. No. 4919-206

**THIS PRODUCT MAY BE SOLD AND USED  
FOR COMMERCIAL PURPOSES ONLY.  
NOT FOR HOUSEHOLD USE.**

**DIRECTIONS FOR USE — FRUIT CROPS**

CROP	INSECTS CONTROLLED	AMOUNT TO APPLY	DAYS BETWEEN LAST APPLICATION AND HARVEST
APPLES AND PEARS (bearing & not bearing)	APHIDS LEAFHOPPERS PEAR PSYLLA MITES (except rust mites)	$\frac{3}{4}$ to 1 1/2 pints per 100 gallons of water	Do not apply less than 28 days before harvest. Do not apply during bloom period.
LIMES AND GRAPES	APHIDS	Ground Equipment: $\frac{3}{4}$ to 1 1/2 pints per 100 gallons water. Apply as a thorough coverage spray. Aircraft Equipment: 3 to 6 pints per acre in 15 to 20 gallons water.	Do not apply less than 15 days before harvest. Do not apply during bloom period. Make no more than 2 applications to mature fruit. Do not use on citrus seedlings.
	MITES (except rust mites)	Ground Equipment: $\frac{3}{4}$ to 1 1/2 pints per 100 gallons water. Apply as a thorough distribution coverage spray.	Do not enter treated groves within 4 days of last application.
	SCALES (except black or snow)	Ground Equipment: 1 1/2 to 2 1/2 pints per 100 gallons water. Apply as a thorough coverage spray.	Do not apply less than 45 days before harvest. Do not apply during bloom period. Make no more than 2 applications to mature fruit. Do not use on citrus seedlings. Do not enter treated groves within 4 days of last application.
	THRIPS	Ground Equipment: $\frac{3}{4}$ to 1 1/2 pints per 100 gallons water. Apply as a mist spray. Aircraft Equipment: 3 to 6 pints per acre in 15 to 20 gallons water.	Do not apply less than 15 days before harvest. Do not apply during bloom period. Make no more than 2 applications to mature fruit.
ORCHARD TREES (non-bearing & cold)	WHITEFLIES	Ground Equipment: 1 1/2 pints per 100 gallons water. Apply as a thorough distribution coverage spray.	Do not use on citrus seedlings. Do not enter treated groves within 4 days of last application.
	THRIPS APHIDS	FOLIAR SPRAY: Apply 1 1/2 pints per 100 gallons of water. Repeat application as necessary. Do not enter treated groves within 4 days of last application. SOIL DRENCH: For trees 1 to 3 years old, apply 3 quarts per acre in the furrow or soil ring around the base of the tree. Apply as soon as insect injury to new growth begins. Use only on non-bearing trees. Nursery stock application should not be made in the year trees begin to bear fruit.	
PEACHES	APHIDS, MITES LEAFHOPPERS	Ground Equipment only: 1 pint per acre	Do not apply less than 21 days before harvest. Do not graze livestock on treated groves.

**DIRECTIONS FOR USE — VEGETABLE CROPS**

CROP	INSECTS CONTROLLED	AMOUNT TO APPLY	DAYS BETWEEN LAST APPLICATION AND HARVEST
BEANS (green, lima snap dry)	APHIDS LEAFHOPPERS LEAF MINERS MITES LYGUS BUGS	$\frac{3}{4}$ to 1 1/2 pints per acre	Beans may be harvested on day of application. Do not feed treated ones.
BROCCOLI CAULIFLOWER	APHIDS	$\frac{3}{4}$ to 1 1/2 pints per acre	Do not apply less than 7 days before harvest.
CABBAGE	APHIDS	$\frac{3}{4}$ to 1 1/2 pints per acre	Do not apply less than 3 days before harvest.
HEAD LETTUCE	APHIDS LEAFHOPPERS LEAF MINERS	$\frac{3}{4}$ pint per acre	Do not apply less than 7 days before harvest.
LEAF LETTUCE SPINACH COLLARDS KALE TURNIP (greens & roots) MUSTARD GREENS SWISS CHARD ENIVE (escarole)	APHIDS LEAFHOPPERS LEAF MINERS	$\frac{3}{4}$ pint per acre	Do not apply less than 14 days before harvest.
PEAS	APHIDS	$\frac{1}{2}$ pint per acre	Peas may be harvested on day of application. Do not feed or graze hay with in 21 days after last application when a stationary mixer is used. Do not feed or graze when a mobile mixer is used.
PEPPERS	APHIDS LEAF MINER MAYBERRY	$\frac{3}{4}$ to 1 pint per acre	Peppers may be harvested on day of application.
POTATOES TOMATOES WATERMELONS	APHIDS LEAF MINERS LEAFHOPPERS	$\frac{3}{4}$ to 1 1/2 pints per acre	Do not apply less than 7 days before harvest.

The buyer of this material (including its ultimate user) is granted a license under U.S. Patent No. 3,210,242 limited to the use of the within contents. A prepaid royalty being included in the selling price. A non-transferable license under such patent may be obtained from the patent owner on current royalty terms, whatever the source of Dimethoate used.

EPA REG NO 9779-206      NET CONTENTS      GALLONS  
EPA REG NO 9779



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ACTIVE INGREDIENTS	
Dimethoate (90% Dimethyl S-methylcarbamoyl methyl phosphorothioate)	37.0%
Aromatic Petroleum Solvent	20.8%
<b>INERT INGREDIENTS</b>	
TOTAL	100.0%

Product contains 2.67 pounds of Dimethoate per gallon.

## WARNING: KEEP OUT OF REACH OF CHILDREN

Harmful or fatal if inhaled or swallowed or absorbed through the skin. May cause irritation of eyes, nose, throat and skin. Avoid contact with eyes and skin. Avoid breathing vapor or spray mist. Wash thoroughly after handling. In case of contact, flush with plenty of water for at least 15 minutes. Get medical attention.

Keep away from domestic animals and foodstuffs. Do not contaminate or apply onto feed or foodstuffs.

### POISONOUS TO FISH AND WILDLIFE

This product is toxic to shrimp, crab, birds and other wild life. 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.

### HIGHLY TOXIC TO BEES

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 the bees are foraging in the fields. Protective information may be obtained from your Cooperative Agricultural Extension Service.

Do not apply when weather conditions favor drift from area treated.

RIVERSIDE DIMATE 2.67 is a clear liquid. When added to water, it will disperse readily and will remain physically stable with a minimum amount of agitation. Do not store RIVERSIDE DIMATE 2.67 below 32°F, as it may tend to crystallize. Avoid storage above 90°F, as prolonged storage above 90°F may cause some loss in grade.

Apply this product only as specified on this label.

**NOTE TO PHYSICIANS:** Dimethoate may cause cholinesterase inhibition. Atropine is antidote.

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

**READ ENTIRE LABEL BEFORE USING THIS PRODUCT.** Use of this product in a manner not in accordance with the information on this label may harm humans, domestic animals, wildlife, aquatic life, desirable plants, fish, excess level and harmful chemical residues or produce other undesirable results.

### GENERAL INFORMATION

RIVERSIDE DIMATE 2.67 is useful for control of certain insect pests of certain fruit crops, nuts, vegetables, field crops, and forest trees.

RIVERSIDE DIMATE 2.67 may be applied by ground sprayers or by airplanes mixing the RIVERSIDE DIMATE 2.67 in water to form an emulsion spray solution. To make the spray solution, half fill the spray tank with water, agitate, add the proper amount of RIVERSIDE DIMATE 2.67 and then fill the spray tank with water while still agitating. Continue to agitate during use.

When applying with ground sprayers, calibrate to apply the recommended amount of RIVERSIDE DIMATE 2.67 in less than 10 gallons of water per acre, unless directed otherwise. At plane spray applications, the recommended amount of RIVERSIDE DIMATE 2.67 is 1.0 to 1.5 lbs. of water per acre, as directed otherwise. Always use sufficient water for adequate coverage of the crop foliage.

The dosages given under DIRECT USE are the amounts of RIVERSIDE DIMATE 2.67 to be applied per acre treated per application. Repeat applications as necessary unless otherwise specified in DIRECT USE.

Where a dosage range is given, use the higher rate on smaller or young plants or with light insect infestation, and the higher rate on larger or more mature plants or with heavy insect infestation.

The hazards and precautions concerning RIVERSIDE DIMATE 2.67 in this literature are equally applicable to other dilutions with water for spray application.

### REQUIRED CLOTHING AND EQUIPMENT FOR APPLICATION:

All applicators including homeowners, flaggers and all personnel involved with the mixing, loading, and transferring operations must wear the protective clothing and equipment enumerated below. Efforts are made to meet this requirement. The protective clothing and equipment to be worn is as follows:

- Impervious gloves (for example, rubber or plastic covered reinforced gloves).
- Boots or boot covers.
- Long sleeved shirt and long pants.
- Wide brimmed hat.
- 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 in this label.

### DISPOSAL OF CONTAINER

Destroy all containers when empty by puncturing holes in them and burying with wastes. Do not burn. Do not reuse containers for other purposes. Rinse equipment and containers and dispose of wastes by burying in non-crop lands away from water supplies.

### NOTICE

See warnings that the product contains toxic chemicals and that it is highly flammable. For the purposes stated in the label when used in accordance with the directions on the label, it is warranted that the product will perform its intended function. The user assumes the responsibility for the use of this product. The user is not responsible for any damage or injury resulting from the use of this product if the user does not follow the instructions on the label. The user is not responsible for any damage or injury resulting from the use of this product if the user does not follow the instructions on the label.

### DIRECTIONS FOR USE — FOREST INSECTS

(CONCENTRATION IN PERCENTS) (FOR INFORMATION ONLY) (SEE TABLE)

TREE	INSECT SCALE	AMOUNT TO APPLY	REMARKS
PISTON PINE	5-10% (See Scale)	1.0 to 1.5 gal per acre in 10 gal water per acre	Apply to all dead, dying, or stressed trees at the base of the tree and to all rough bark and cut surfaces on the trunk. Make this a regular application when insects are present. Repeat applications as needed. Do not apply to healthy trees.
BONOLAS FIR	5-10% (See Scale)	1.0 to 1.5 gal per acre in 10 gal water per acre	Apply to all dead, dying, or stressed trees at the base of the tree and to all rough bark and cut surfaces on the trunk. Make this a regular application when insects are present. Repeat applications as needed. Do not apply to healthy trees.

CROP	INSECT CONTROLLED	AMOUNT TO APPLY	DAYS BETWEEN LAST APPLICATION AND HARVEST
ALFALFA (grown for hay)	APHIDS, LEAFHOPPERS, EGG-SUCKERS, GRASSHOPPERS, REDUCTION OF ALFALFA WEEVIL LARVAE	1.0 to 1.5 pints per acre	Do not apply to alfalfa in the bloom period. Do not apply less than 28 days before harvest or pasturing. Make only one application per season. Effective only on cutting to which applied.
ALFALFA (grown for seed)	APHIDS, LEAFHOPPERS, EGG-SUCKERS, GRASSHOPPERS, REDUCTION OF ALFALFA WEEVIL LARVAE	1.0 to 1.5 pints per acre	Do not apply to alfalfa during bloom period. Do not feed livestock on treated crops. Insecting at harvest less than 28 days before harvest or pasturing. Make only one application per season. Effective only on cutting to which applied.
COTTON (grown in Ariz. & Calif.)	LYGUS BUGS, LEAFHOPPERS, EARLY BLACK FLEA HOPPERS	1.0 to 1.5 pints per acre	Do not apply less than 14 days before harvest. Do not repeat applications with 14 days. Do not feed treated forage to grade livestock on treated farms.
COTTON (early season)	APHIDS, MITES	1.0 to 1.5 pints per acre	
COTTON (late season Texas)	LEAFHOPPERS	1.0 to 1.5 pints per acre	
SAFFLOWER (grown in Calif.)	APHIDS, LEAFHOPPERS, EARLY BLACK FLEA HOPPERS	1.0 to 1.5 pints per acre	Do not apply less than 14 days before harvest. Repeat applications should not be made at intervals less than 14 days. Make only 2 applications per season at the flowering stage.
TOBACCO	APHIDS	1.0 pint per acre	Do not apply less than 21 days before harvest.
SORGHUM (milo)	APHIDS	1.0 to 1.5 pints per acre	Do not feed or graze with 28 days of last application. Apply no more than 3 per acre or 3.0 lbs. of active ingredient per season as needed.
WHEAT (grown in Texas and the South)	APHIDS, GREENBUG, BROWN WHEAT MITE	1.0 to 1.5 pints per acre	Do not apply less than 14 days of last application. Do not feed or graze with 60 days of last application.

Apply by aircraft when not specified and the temperature is below 68°F. Apply when most insects are in the second and third instars. Do not apply to pastures or pastures not producing.

### DIRECTIONS FOR USE — FIELD CROPS

CROP	INSECT CONTROLLED	AMOUNT TO APPLY	DAYS BETWEEN LAST APPLICATION AND HARVEST
ALFALFA (grown for hay)	APHIDS, LEAFHOPPERS, EGG-SUCKERS, GRASSHOPPERS, REDUCTION OF ALFALFA WEEVIL LARVAE	1.0 to 1.5 pints per acre	Do not apply to alfalfa in the bloom period. Do not apply less than 28 days before harvest or pasturing. Make only one application per season. Effective only on cutting to which applied.
ALFALFA (grown for seed)	APHIDS, LEAFHOPPERS, EGG-SUCKERS, GRASSHOPPERS, REDUCTION OF ALFALFA WEEVIL LARVAE	1.0 to 1.5 pints per acre	Do not apply to alfalfa during bloom period. Do not feed livestock on treated crops. Insecting at harvest less than 28 days before harvest or pasturing. Make only one application per season. Effective only on cutting to which applied.
COTTON (grown in Ariz. & Calif.)	LYGUS BUGS, LEAFHOPPERS, EARLY BLACK FLEA HOPPERS	1.0 to 1.5 pints per acre	Do not apply less than 14 days before harvest. Do not repeat applications with 14 days. Do not feed treated forage to grade livestock on treated farms.
COTTON (early season)	APHIDS, MITES	1.0 to 1.5 pints per acre	
COTTON (late season Texas)	LEAFHOPPERS	1.0 to 1.5 pints per acre	
SAFFLOWER (grown in Calif.)	APHIDS, LEAFHOPPERS, EARLY BLACK FLEA HOPPERS	1.0 to 1.5 pints per acre	Do not apply less than 14 days before harvest. Repeat applications should not be made at intervals less than 14 days. Make only 2 applications per season at the flowering stage.
TOBACCO	APHIDS	1.0 pint per acre	Do not apply less than 21 days before harvest.
SORGHUM (milo)	APHIDS	1.0 to 1.5 pints per acre	Do not feed or graze with 28 days of last application. Apply no more than 3 per acre or 3.0 lbs. of active ingredient per season as needed.
WHEAT (grown in Texas and the South)	APHIDS, GREENBUG, BROWN WHEAT MITE	1.0 to 1.5 pints per acre	Do not apply less than 14 days of last application. Do not feed or graze with 60 days of last application.

ACCEPTED  
AUG 19 1981  
U.S. Environmental Protection Agency  
as required by the Federal Insecticide, Fungicide, and Rodenticide Act  
registered under  
EPA Reg. No. 9119-106

# MATE 2.67

1 GALLON.  
FOR NUTS, VEGETABLES, FIELD CROPS, AND FOREST TREES.

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not reasonably  
use

PRODUCTION

EMBERS

Apply spray to egg masses  
the base of the trees  
to or rough bark and  
cracks that can be  
ached from the ground  
the base application  
crawlers start to  
erge from the eggs. Use  
drab or black back  
paper. Do not spray leaves  
needles since phytotoxi-  
ity may result.

Use thorough coverage  
application when cones are  
red and pendant. Use  
drab or black back  
paper.

APPLY TO ALFALFA when air  
is calm and the tempera-  
ture is below 80°F. Apply  
when most larvae are in  
the second and third instars.  
Do not apply in pastures or  
pasture that production.

## DIRECTIONS FOR USE — FIELD CROPS

CROP	INSECTS CONTROLLED	AMOUNT TO APPLY	DAYS BETWEEN LAST APPLICATION AND HARVEST
ALFALFA (grown for hay)	APHIDS LEAFHOPPER LEAF MINERS GRASSHOPPERS REDUCED IN ALFALFA WEEVIL LARVAE	1/2 pint per acre	Do not apply to alfalfa in the bloom period. Do not apply less than 28 days before harvest or pasturing. Make only one application per season. Effective only on cutting to which applied.
ALFALFA (grown for seed)	APHIDS LEAFHOPPER LEAF MINERS GRASSHOPPERS REDUCED IN ALFALFA WEEVIL LARVAE	1/2 pint per acre	Do not apply to alfalfa during bloom period. Do not feed or stock on treated crops. Threshings or hay treated less than 28 days before harvest or seedling should be sown no later than 28 days after final treatment.
COTTON (grown in Ariz. & Calif.)	LEAF MINERS LEAFHOPPER THREPS BLACK-FLY HOOPER	1/2 pint per acre	Do not apply less than 14 days before harvest. Do not repeat applications within 14 days. Do not feed livestock or treated bales.
COTTON (early season)	APHIDS MITES	1/2 - 2/3 pint per acre	Do not apply less than 14 days before harvest. Repeat applications should not be made at intervals less than 28 days. Make only 2 applications per season at the highest rate.
COTTON (late season Texas)	LEAFHOPPER	1/2 - 2/3 pint per acre	Do not apply less than 14 days before harvest. Repeat applications should not be made at intervals less than 28 days. Make only 2 applications per season at the highest rate.
SAFFLOWER (grown in Calif.)	APHIDS LEAFHOPPER LEAF MINERS THREPS	1/2 pint per acre	Do not apply less than 14 days before harvest. Repeat applications should not be made at intervals less than 28 days. Make only 2 applications per season at the highest rate.
TOBACCO	APHIDS	1/2 pint per acre	Do not apply less than 21 days before harvest.
SORGHUM (maize)	APHIDS	Moderate to heavy infestation: 1/2 to 3/4 pint per acre. Light infestations on young sorghum prior to head formation: 1/3 to 2/3 pint per acre.	Do not feed or stock within 78 days of last application. Apply no more than 1 application per season as needed.
WHEAT (grown in Texas & Oklahoma)	APHIDS GRASSHOPPER BROWN-NECKED MITE	1/2 pint per acre	Do not apply within 14 days of grain maturing plants. Do not feed or stock within 90 days of last application.

## DIRECTIONS FOR USE — FRUIT CROPS

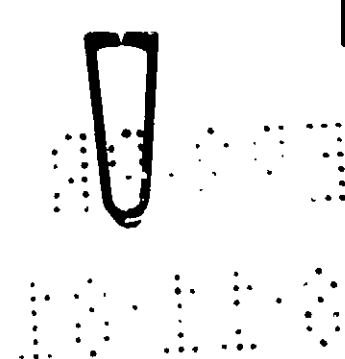
CROP	INSECTS CONTROLLED	AMOUNT TO APPLY	DAYS BETWEEN LAST APPLICATION AND HARVEST
APPLES AND PEARS (bearing & non-bearing)	APHIDS LEAFHOPPER LEAF MINERS MITES (except rust mites)	1/2 - 1 pint per 100 gallons of water	Do not apply less than 14 days before harvest. Do not apply during bloom period.
LEMONS AND ORANGES	SCALE (except bark scale)	Ground Equipment: 1/2 to 1 pint per 100 gallons of water. Apply as a thorough coverage spray. Aircraft Equipment: 3 to 6 pints per acre in 15 to 20 gallons of water.	Do not apply less than 15 days before harvest. Do not apply during bloom period. Make no more than 2 applications to mature fruit. Do not use on citrus seedlings. Do not enter treated groves within 4 days of application.
PEACHES	SCALE (except bark scale)	Ground Equipment: 1/2 to 1 pint per 100 gallons of water. Apply as a thorough coverage spray.	Do not apply less than 45 days before harvest. Do not apply during bloom period. Make no more than 2 applications to mature fruit. Do not use on citrus seedlings. Do not enter treated groves within 4 days of application.
PLUMS	SCALE (except bark scale)	Ground Equipment: 1/2 to 1 pint per 100 gallons of water. Apply as a thorough coverage spray.	Do not apply less than 15 days before harvest. Do not apply during bloom period. Make no more than 2 applications to mature fruit. Do not use on citrus seedlings. Do not enter treated groves within 4 days of application.
PRUNES	SCALE (except bark scale)	Ground Equipment: 1/2 to 1 pint per 100 gallons of water. Apply as a thorough coverage spray.	Do not apply less than 15 days before harvest. Do not apply during bloom period. Make no more than 2 applications to mature fruit. Do not use on citrus seedlings. Do not enter treated groves within 4 days of application.
STRAWBERRIES	SCALE (except bark scale)	Ground Equipment: 1/2 to 1 pint per 100 gallons of water. Apply as a thorough coverage spray.	Do not apply less than 15 days before harvest. Do not apply during bloom period. Make no more than 2 applications to mature fruit. Do not use on citrus seedlings. Do not enter treated groves within 4 days of application.
CITRUS (non-bearing Ariz. & Calif.)	SCALE (except bark scale)	1/2 - 1 pint per 100 gallons of water. Repeat applications at intervals. Do not enter treated groves within 4 days of application.	Do not apply less than 14 days before harvest. Do not enter treated groves within 4 days of application.
ALMONDS	SCALE (except bark scale)	1/2 - 1 pint per 100 gallons of water. Repeat applications at intervals. Do not enter treated groves within 4 days of application.	Do not apply less than 14 days before harvest. Do not enter treated groves within 4 days of application.
PECANS	SCALE (except bark scale)	1/2 - 1 pint per 100 gallons of water. Repeat applications at intervals. Do not enter treated groves within 4 days of application.	Do not apply less than 14 days before harvest. Do not enter treated groves within 4 days of application.

## DIRECTIONS FOR USE — VEGETABLE CROPS

CROP	INSECTS CONTROLLED	AMOUNT TO APPLY	DAYS BETWEEN LAST APPLICATION AND HARVEST
BEANS (green & snap dry)	APHIDS LEAF MINERS LEAFHOPPER LEAFHOPPER	1/2 - 1 pint per acre	Beans may be harvested on day of application. Do not feed treated beans.
BROCCOLI CAULIFLOWER	APHIDS	1/2 - 1 pint per acre	Do not apply less than 7 days before harvest.
CABBAGE	APHIDS	1/2 - 1 pint per acre	Do not apply less than 3 days before harvest.
HEAD LETTUCE	APHIDS LEAFHOPPER LEAF MINERS	1/2 pint per acre	Do not apply less than 7 days before harvest.
LEAF LETTUCE SPINACH COLLARD KALE TURNIP GREENS & CHITS MUSTARD GREENS SWISS CHARD ENDIVE (escarole)	APHIDS LEAFHOPPER LEAF MINERS	1/2 pint per acre	Do not apply less than 14 days before harvest.
PEAS	APHIDS	1/2 pint per acre	Peas may be harvested on day of application. Do not feed or stock with until 1 day after last application when a stage application is used. Do not feed or stock when a stage application is used.
PEPPERS	APHIDS LEAF MINERS MIDGE	1/2 - 1 pint per acre	Peppers may be harvested on day of application.
POTATOES TOMATOES WATERMELONS	APHIDS LEAF MINERS LEAFHOPPER	1/2 - 1 pint per acre	Do not apply less than 14 days before harvest.

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