



DIMETHOGON 267 EC  
DIMETHOATE  
SYSTEMIC INSECTICIDE

ACTIVE INGREDIENT:

Dimethoate (O,O-dimethyl S-(N-methylcarboamoylmethyl) phosphorodithioate) \*

30.5%

INERT INGREDIENT:

\*Equivalent to 2.67 Lbs. per gallon.

TOTAL

69.5%  
100.0%

NET CONTENTS 5 GALS.  
EPA REG. NO. 2749-41  
EST. NO: 904NJ-1

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.

Note to Physician: This product may cause cholinesterase inhibition. Antidote is Atropine.

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

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 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 and should not be applied when bees are actively visiting the area.

Do not reuse empty container. Destroy empty container by perforating or crushing and burying in a safe place.

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

Do not apply where runoff is likely to occur.

DIMETHOGON 267 EC 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 DIMETHOGON 267 EC below 32°F. as storage above 90°F. may cause some loss in grade.

Do not use, pour spill, or store near heat or flame.

Apply this product only as specified on this label.

APPLICATION EQUIPMENT: DIMETHOGON 267 EC can be applied by any pressure sprayer that will give uniform distribution of the spray such as ground sprayers, aerial sprayers or portable sprayers.

DIRECTIONS FOR USE:

Ground Application - Apply is sufficient water for good coverage unless otherwise stated. Avoid drift to adjacent crops.

Airplane Application: Apply in 3 to 10 Gals. of Water per acre. Avoid drift to adjacent crops.

CROP	INSECT	RATE	DAYS BETWEEN LAST APPLICATION AND HARVEST
FRUIT CROPS			
Apples, Pears (bearing & non-bearing	Aphids Leafhoppers Pears Psylla Mites (except rust mites)	3/4-1½ pints/100 gallons of water	Do not apply less than 28 days before harvest. Do not apply during bloom period.
Lemons Oranges Grapefruit Tangerines	Aphids	Ground Equip- ment: 3/4 to 1½ pts. per 100 gals. water. Apply as an outside cov- erage spray. Aircraft Equipment: 3 to 6 pits. per acre in 15 to 20 gals. water	Do not apply less than 15 days before harvest. Do not apply during bloom period. Make no more than 2 appli- cations to mature fruit. Do not use on citrus seedling. Do not enter treated groves within 4 days of last appli- cation.
	Mites (except rust mites)	Ground Equip- ment: 3/4 to 1½ pts. per 100 gals. water. Apply as a thorough dis- tribution coverage spray.	Do not apply less than 15 days before harvest. Do not apply during bloom period. Make no more than 2 appli- cations to mature fruit. Do not use on citrus seedling. Do not enter treated groves within 4 days of last appli- cation.
	Scales (except black or snow)	Ground Equip- ment: 1½ to 2½ pts. per 100 gals. water. Apply as a thorough cover- age spray.	Do not apply less than 45 days before harvest. Do not apply during bloom period. Make no more than 2 appli- cations to mature fruit. Do not use on citrus seedling. Do not enter treated groves within 4 days of last application.

	Thrips	Ground Equip- ment: 3/4 to 1½ pts. per 100 gals. water. Apply as a mist spray. Aircraft Equip- ment: 3 to 6 pts. per acre in 15 to 20 gals. water.	Do not apply less than 15 days before harvest. Do not apply during bloom period. Make no more than 2 appli- cations to mature fruit. Do not use on citrus seedling. Do not enter treated groves within 4 days of last application.
	Whiteflies	Ground Equip- ment: 1½ pts./ 100 gals. water. Apply as a thorough dis- tribution coverage spray.	Do not apply less than 15 days before harvest. Do not apply during bloom period. Make no more than 2 appli- cations to mature fruit. Do not use on citrus seedling. Do not enter treated groves within 4 days of last application.
Citrus (non- bearing) Ariz. & Calif.)	Thrips Aphids	FOLIAR SPRAY: Apply 1½ pts. per 100 gallons of water. Repeat application as necessary. Do not enter treated groves within 4 days of last application. SOIL DRENCH: For trees 1-3 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.	
NUTS			
Pecans	Aphids, mites	Ground Equip- ment only: 1 pt./acre	Do not apply less than 21 days before harvest. Do not graze livestock in treated groves.

VEGETABLE CROPS			
Beans (green, lima, snap, dry)	Aphids Leafhoppers Leaf miners Mites Lygus bugs	3/4-1½ pint/acre	Beans may be harvested on day of application. Do not feed treated vines.
Broccoli Cauliflower	Aphids	3/4-1½ pints/acre	Do not apply less than 7 days before harvest.
Cabbage	Aphids	3/4-1½ pints/acre	Do not apply less than 3 days before harvest.
Head lettuce	Aphids Leafhoppers Leaf miners	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 Endive (escarole)	Aphids Leafhoppers Leaf miners	3/4 pint per acre	Do not apply less than 14 days before harvest
Melons (except watermelons)	Aphids, leafhoppers, leaf miners, thrips	1½ pts./acre	Do not apply less than 3 days before harvest.
Peas	Aphids	½ pint 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	3/4-1 pint/acre	Peppers may be harvested on day of application.
Potatoes Tomatoes Watermelons	Aphids Leaf miners Leaf hoppers	3/4-1½ pints/acre	Do not apply less than 7 days before harvest.

FIELD CROPS			
Alfalfa (grown for hay)	Aphids, leaf- hoppers, lygus bugs, grass- hoppers, reduc- tion of alfalfa weevil larvae	3/4 to 1½ pts./acre	Do not apply to alfalfa in the bloom period. Do not apply within 10 days of harvest or pasturing. Make only one appli- cation per year. Effective only on cutting to which applied.
Alfalfa (grown for seed)	Aphids Leafhoppers Lygus bugs Grasshoppers Reduction of Alfalfa Weevil Larvae	3/4-1½ pts/acre	Do not apply to alfalfa in the bloom period. Do not feed or graze livestock in treated crop hay, threshings or stubble within 10 days of application.
Field Corn	Banks Grass Mite (excluding Trans Pecos area of Texas	1-1½ pts./acre broadcast by air. Spray over the foliage when mites appear. Apply in ratio of 1 part DIMETHOGON 267 EC in 20 parts of water. Do not use less than 2½ gals./acre for the 1 pt. rate and 3-3/4 gals./acre for the 1½ pt. rate.	14 (foraging) 42 (grain) Apply as necessary. Make no more than three applications per year.
Cotton (grown in Ariz. & Calif.)	Lygus bugs Leafhoppers Thrips Black flea- hoppers	3/4-1½ pts./acre	Do not apply less than 14 days before harvest. Do not repeat appli- cations within 14 days. Do not feed treated forage or graze livestock on treated fields. Do not apply more than 2 applica- tions per season at the 1½ pint rate.
Cotton (early season)	Aphids, Mites Thrips, Fleahoppers	1/3-2/3 pts./ acre.	Do not apply less than 14 days before harvest. Do not re- peat application within 14 days. Do not feed treated forage or graze livestock on treated fields.
	Lygus Bug	2/3 pt/acre	

<p>Safflower (grown in California and Arizona)</p>	<p>Aphids Leafhoppers Lygus bugs Thrips</p>	<p>3/4-1½ pints/ acre</p>	<p>Do not apply less than 14 days before harvest. Repeat applications should not be made at intervals closer than 14 days. Make only 2 applications per season at the higher rate.</p>
<p>Tobacco</p>	<p>Aphids</p>	<p>3/4-1 pints/ acre</p>	<p>Do not apply less than 21 days before harvest.</p>
<p>Sorghum (milo)</p>	<p>Aphids</p>	<p>3/4-1½ pints/ acre GROUND APPLICATION: Apply above rates in 25 to 40 gallons of water per acre.  AERIAL APPLI- CATION: Apply above rates in a ratio of 1 part Dim- ethogon 267 in 20 parts of water as follows:  Rate of mini- mum gallons Dimethogon 267 water acre  3/4 pt. 2 1 pt. 2½ 1½ pt. 3-3 4  Consult local ex- tension agent for the proper timing of ap- plication in your area.</p>	<p>Do not feed or graze within 28 days of last application. Make 3 serial applications or 3 ground applications as needed per season.</p>

Wheat (grown in Texas, Oklahoma Kansas South Dakota)	Aphids (greenbug)	3/4 to 1 pint/ acre	Do not apply within 14 days of grazing immature plants
	Brown Wheat mite	1/3 to 2/3 pints/acre	Do not harvest grain within 60 days of last application.

FOREST INSECTS: DO NOT APPLY TO PINE TREES USED FOR  
PINE NUT OR PINYON NUT PRODUCTION

TREE	INSECT SCALE	RATE	REMARKS
Pinyon Pine	Pinyon needle scale	3 gal./100 gal. water per acre.	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 back-pack sprayer. Do not spray leaves or needles since phytotoxicity may result.
Douglas Fir	Fir cone midge	3/4 gal/100 gal. water per acre	Makes thorough coverage application when cones are closed and pendant. Use hydraulic or back-pack sprayer.
Pines	Loblolly Pine Sawfly	3 8-3 4 pt per acre in 2 gal water.	Apply by aircraft when air is calm and the tem- perature is below 68°F. Apply when most larvae are in the second and third instars. Do not apply to pine nut or pinyon nut production.



"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".

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