



DIMETHOCH 267 EC IS A CLEAR LIQUID. WHEN ADDED TO WATER, IT WILL DISSOLVE READILY AND WILL REMAIN PHYSICALLY STABLE WITH A MODERATE AMOUNT OF AGITATION. DO NOT STORE DIMETHOCH 267 EC 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.

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

APPLY THIS PRODUCT ONLY AS SPECIFIED ON THIS LABEL.

APPLICATION EQUIPMENT: DIMETHOCH 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.

Required Clothing and Equipment for Application:

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

- Impermeable gloves (for example, rubber or plastic reinforced gloves).
- Boots or boot covers.
- Long-sleeved shirt and long pants.
- Well-ventilated hat.
- Respiration must be worn by Riggers and mixers/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.

DIRECTIONS FOR USE:

GROUND APPLICATION - APPLY IN SUFFICIENT WATER FOR GOOD COVERAGE UNLESS OTHERWISE STATED. AVOID DRIFT TO ADJACENT CROPS.

CROP	INSECT	RATE	DAYS BETWEEN LAST APPLICATION AND HARVEST
FIELD CROPS			
Apples, Pears (bearing & non-bearing)	Aphids, Leafhoppers, Pear Psyllid, Mites (except rust mites)	½ - 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 Equipment: ½ to 1½ pts. per 100 gals. water. Apply as an outside coverage spray. Aircraft Equipment: 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 applications to mature fruit. Do not use on citrus seedling. Do not enter treated groves within 4 days of last application.
	Mites (except rust mites)	Ground Equipment: ½ to 1½ pts. per 100 gals. water. Apply as a thorough distribution 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 seedling. Do not enter treated groves within 4 days of last application.

CROP	INSECT	RATE	DAYS BETWEEN LAST APPLICATION AND HARVEST
Lemons, Oranges, Grapefruit, Tangerines	Scale (except black or snow)	Ground Equipment: 1½ to 2½ pts. per 100 gals. 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 seedling. Do not enter treated groves within 4 days of last application.
	Thrips	Ground Equipment: ½ to 1½ pts. per 100 gals. water. Apply as a mist spray. Aircraft Equipment: 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 applications to mature fruit. Do not use on citrus seedling. Do not enter treated groves within 4 days of last application.
	Whiteflies	Ground Equipment: 1½ pts./100 gals. water. Apply as a thorough distribution 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 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			
Peanuts	Aphids, mites, leafhoppers	Ground Equipment only: 1 pt./acre.	Do not apply less than 21 days before harvest. Do not grow livestock in treated groves.
VEGETABLE CROPS			
Beans (green, lima, snap, dry)	Aphids, Leafhoppers, Leaf miners, Mites, Lygus bugs	½ - 1½ pints/acre	Beans may be harvested on day of application. Do not feed treated vines.

CROP	INSECT	RATE	DAYS BETWEEN LAST APPLICATION AND HARVEST
VEGETABLE CROPS			
Broccoli, Cauliflower	Aphids	½ - 1½ pints/acre	Do not apply less than 7 days before harvest.
Cabbage	Aphids	½ - 1½ pints/acre	Do not apply less than 3 days before harvest.
Head lettuce	Aphids, Leafhoppers, Leaf miners	½ 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 (Lactuca)	Aphids, Leafhoppers, Leaf miners	½ pint per acre	Do not apply less than 14 days before harvest.
Melons (except Water-melons)	Aphids, Leafhoppers, Leaf miners, Thrips	1½ pints/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 tractor is used. Do not feed or graze when a mobile viner is used.
Peppers	Aphids, Leaf miners, Mites	½ - 1 pint/acre	Peppers may be harvested on day of application.
Potatoes, Tomatoes, Watermelons	Aphids, Leaf miners, Leaf hoppers	½ - 1½ pints/acre	Do not apply less than 7 days before harvest.
FIELD CROPS			
Alfalfa (grown for hay)	Aphids, Leafhoppers, Lygus bugs, Grasshoppers, Reduction of Alfalfa Weevil Larvae	½-1½ pts./acre	Do not apply to alfalfa in the bloom period. Do not apply within 10 days of harvest or pasturing. Make only one application per season. Effective only on cutting to which applied.

ACTIVE INGREDIENT: Dimethoate (O, O-(N-methylcarbamoyl) phosphorodithioate) Equivalent to 2.67% INERT INGREDIENTS TOTAL

WARNING

HARMFUL OR FATAL IF SWALLOWED. IRRITANT TO THE THROAT AND SKIN. AVOID BREATHING VAPORS. HANDLING IN CLOSURE FOR AT LEAST 15 MINUTES. NOTE TO PHYSICIANS: RASH INHIBITION. KEEP AWAY FROM CONTAMINATED WATER. THIS PRODUCT WILL KILL WILDLIFE. KEEP AWAY FROM ESTUARIES. FAVOR DRIFT WATER BY CLEANING. APPLY THIS PRODUCT WHEN BEES ARE ACTIVE. DO NOT REUSE CONTAINER BY PERFORATING. DO NOT APPLY TO AREA TREATED WITH OTHER PRODUCTS.

NET WEIGHT 1.05 LBS. NET SHAKE

EPA REG. NO. 2749-41-AA

ACETO AGRICULTURAL CHEMICALS CO.

DIMETHOAGON 267 EC

SYSTEMIC INSECTICIDE

FIVE INGREDIENT:
 Dimethoate (O, O-dimethyl S-methylcarbamoylmethyl) spherodithioate) 30.5%
 Active ingredient equivalent to 2.67 Lbs. per Gallon.

ACTIVE INGREDIENT: 69.5%
TOTAL 100.0%

WARNING: KEEP OUT OF REACH OF CHILDREN.

POISONOUS 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.

ADVISE YOUR 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 EQUIPMENT 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 AREAS TREATED.

NET CONTENTS 5 GALS.
SHAKE WELL BEFORE USING

AMERICAN ALKALIS CORP., 126-02 Northern Boulevard, Flushing, New York 11368

EPA EST

CROP	INSECT	RATE	DAYS BETWEEN LAST APPLICATION AND HARVEST
FIELD CROPS			
Affalfa (grown for seed)	Aphids Leafhoppers Lygus bugs Grasshoppers Resurrection of Aphis Winged Larvae	1/2 - 1 1/4 pts./acre	Do not apply to alfalfa in the bloom period. Do not feed or graze livestock on treated crop hay, slashings or stubble within 10 days of application.
Cotton (grown in Ariz. & Calif.)	Lygus bugs Leafhoppers Thrips Black fleahoppers	1/2 - 1 1/4 pints/acre	Do not apply less than 14 days before harvest. Do not repeat applications within 14 days. Do not feed treated forage or grass livestock on treated fields. Do not apply more than 2 applications per season at the 1 1/4 pint rate.
Cotton (early season)	Aphids, Mealy Thrips Flea-hoppers	1/3 to 2/3 pints/acre	Do not apply less than 14 days before harvest. Do not repeat application within 14 days. Do not feed treated forage or grass livestock on treated fields.
	Lygus Bugs	2/3 pints/acre	
Cotton (Oklahoma, Texas)	Flea-hoppers	1/3 to 2/3 pints/acre	Do not apply less than 14 days before harvest. Do not repeat application within 14 days. Do not feed treated forage or grass livestock on treated fields.
Field Corn	Banks Grass Miscellaneous Trans Paras (see of Texas)	1-1 1/4 pts./acre broadcast by air. Spray over the foliage when mites appear. Apply in ratio of 1 part DIMETHOAGON 267 EC in 20 parts of water. Do not use less than 2 1/4 gals./acre for the 1 pt. rate and 3-3/4 gals./acre for the 1 1/4 pt. rate.	14 (foraging) 42 (grain) Apply as necessary. Make no more than three applications per year.

CROP	INSECT	RATE	DAYS BETWEEN LAST APPLICATION AND HARVEST
FIELD CROPS			
Safflower (grown in Calif. & Ariz.)	Aphids Leafhoppers Lygus bugs Thrips	1/2 - 1 1/4 pints/acre	Do not apply less than 14 days before harvest. Repeat applications should not be made at intervals closer than 14 days. Make only 3 applications per season at the higher rate.
Tobacco	Aphids	1/2 - 1 pints/acre	Do not apply less than 21 days before harvest.
Sorghum (maize)	Aphids	1/2 to 1 1/4 pts./acre GROUND APPLICATION: Apply above rates in 25 to 40 gallons of water per acre. AERIAL APPLICATION: Apply above rates in a ratio of 1 part Dimethoagon 267 in 20 parts of water as follows: Rate of minimum gallons Dimethoagon 267 water/acre 1/2 pt. 2 1 pt. 2 1/2 1 1/4 pt. 3 Consult local extension agent for the proper timing of applications in your area.	Do not feed or graze within 28 days of last application. Make 3 aerial applications or 3 ground applications as needed per season.
Wheat (grown in Texas, Oklahoma, Kansas and South Dakota)	Aphids (greenbug)	1/2 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

TREE

Douglas F

Pines

"THE BUYER (USER) IS RESPONSIBLE FOR THE PREPAID FEE. A NON-TRANSFERABLE ROYALTY WILL BE USED."

NOTICE

Follow directions on weather and application of this product to avoid all risks of contamination.

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INSECT	RATE	DAYS BETWEEN LAST APPLICATION AND HARVEST
TOPS		
Aphids Leafhoppers Lygus bugs Greenhoppers (A. venosus) A. albipennis Weevil Larvae	1/2 - 1 1/2 gal./acre	Do not apply to alfalfa in the bloom period. Do not feed or graze livestock on treated crop hay, shrubbery or stubble within 10 days of application.
Lygus bugs Leafhoppers Thrips Black Sheeps	1/2 - 1 1/2 gal./acre	Do not apply less than 14 days before harvest. Do not repeat applications within 14 days. Do not feed treated forage or grain (straw) on treated fields. Do not apply more than 2 applications per season at the 1 1/2 gal. rate.
Aphids, Mites Thrips Flies	1/3 to 2/3 gal./acre	Do not apply less than 14 days before harvest. Do not repeat application within 14 days. Do not feed treated forage or grain livestock on treated fields.
Lygus bugs	2/3 gal./acre	
Flies	1/3 to 2/3 gal./acre	Do not apply less than 14 days before harvest. Do not repeat application within 14 days. Do not feed treated forage or grain livestock on treated fields.
Bark Beetles Mites (including Tree Pruner and of Tenthredinids)	1-1 1/2 gal./acre broadcast by air. Spray over the foliage when mites appear. Apply in ratio of 1 part DIMETHOATE 267 EC in 20 parts of water. Do not use less than 2 1/2 gal./acre for the 1 pt. rate and 3-3 1/4 gal./acre for the 1 1/2 pt. rate.	14 (foraging) 1/2 (grain) Apply as necessary. Make no more than three applications per year.

CROP	INSECT	RATE	DAYS BETWEEN LAST APPLICATION AND HARVEST
FIELD CROPS			
Soybean (grown in Calif. & Ariz.)	Aphids Leafhoppers Lygus bugs Thrips	1/2 - 1 1/2 gal./acre	Do not apply less than 14 days before harvest. Repeat applications should not be made at intervals closer than 14 days. Make only 3 applications per season at the higher rate.
Tobacco	Aphids	1/2 - 1 gal./acre	Do not apply less than 21 days before harvest.
Sorghum (milo)	Aphids	1/2 to 1 1/2 gal./acre GROUND APPLICATION: Apply above rates in 25 to 40 gallons of water per acre. AERIAL APPLICATION: Apply above rates in a ratio of 1 part Dimethoate 267 in 20 parts of water as follows: Rate of minimum gallons Dimethoate 267 water/gal. 1/2 pt. 2 1 pt. 2 1/2 1 1/2 pt. 3 1/2 Consult local extension agent for the proper timing of applications in your area.	Do not feed or graze within 20 days of last application. Make 2 aerial applications or 2 ground applications as needed per season.
Wheat (grown in Texas, Oklahoma, Kansas and South Dakota)	Aphids (greenbug)	1/2 to 1 gal./acre	Do not apply within 14 days of grazing immature plants.
	Brown Wheat mite	1/3 to 2/3 gal./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 the 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 midges	1/2 gal./100 gal. water per acre	Make thorough coverage application when cones are closed and pendent. 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 temperature is below 65°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."

NOTICE TO BUYER

Follow directions carefully. Timing and method of application, weather and crop conditions, mixtures with other chemicals not specifically recommended, and other influencing factors in the use of this product are beyond the control of the seller. Buyer assumes all risks of use, storage or handling of this material not in strict accordance with directions given herewith.

ing, New York 11368

EPA EST. NO. 3743-SC-1