

Reg # 2749-41

PM - 14

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Mr. Anthony Baldi  
Aceto Agricultural Chemicals Corporation  
One Hollow Lake  
Lake Success, New York 11042-1215

Dear Mr. Baldi:

Subject: Dimethogon 267  
EPA Registration No.: 2749-41  
Your August 9, 1993 Letter in Response to  
Agency Request of August 2, 1993

The labeling referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the revised labeling:

a. Under the Environmental Hazards section remove the third paragraph that reads:

"For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark."

This sentence is written in the first paragraph of the Environmental Hazards section. It is not necessary to repeat.

b. As stated in our August 2, 1993 letter, under the STORAGE AND DISPOSAL section the sentence that reads, "Personnel should use clothing and equipment listed under 'PRECAUTIONARY STATEMENT' when handling open containers", should be changed so that it reads:

"Personnel should use required clothing and equipment listed on the label when handling open containers."

This is necessary since the listed required clothing and equipment is not and should not be placed under the Precautionary Statement section.

c. Under the use directions for Apples, Pears (bearing & non-bearing) remove the statement that reads:

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"apply during bloom period".

- d. Under the use directions for Apples, Pears (bearing & non-bearing) the statement, "do not apply when trees or substantial numbers of weeds in the orchard (grove) are in bloom", is written twice. Remove **one** of these statements.
- e. Under the use directions for Alfalfa remove the statement that reads "do not apply to alfalfa in the bloom period". That statement must be replaced with the following:

"Do not apply if the crop or weeds in the treatment area are in bloom."

- 2. Submit five (5) copies of your final printed labeling before you release the product for shipment.

If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product constitutes acceptance of these conditions.

A stamped copy of the approved label is enclosed for your records.

Note that this acceptance of your label does not relieve you of your obligation to comply with the Worker Protection Standard (WPS). If any of your products are covered by the WPS, you are required to submit, and receive the Agency's approval by April 21, 1994, of a revised label reflecting the required label statements of 40 CFR 156, published in the FEDERAL REGISTER of August 21, 1992 (57 FR 38102). Under the WPS labeling regulations at 40 CFR 156, subpart K, § 156.200(c)(3), you are prohibited from distributing or selling any product within the scope of the WPS requirements after April 21, 1994, without amended labeling accepted by the Agency.

If you have any questions about this letter, contact Barbara Madden at (703) 305-5410 or (703) 305-6600.

Sincerely yours,

Robert A. Forrest  
 Product Manager (14)  
 Insecticide-Rodenticide Branch  
 Registration Division (7504C)

CONCURRENCES							
SYMBOL	enclosure						
SURNAME							
DATE							

# DIMETHOAGON 267 EC

## DIMETHOATE SYSTEMIC INSECTICIDE

3912

### ACTIVE INGREDIENT:

Dimethoate: O,O-dimethyl S-[N-methylcarbamoyl)methyl] phosphorodithioate 30.5%

### INERT INGREDIENTS:

69.5%

### TOTAL

100%

CONTAINS 2.67 lbs. ACTIVE PER GALLON

KEEP OUT OF REACH OF CHILDREN

**WARNING** **AVISO**

PRECAUCION AL USUARIO: Si usted no lee Ingles, no use este producto hasta que la etiqueta le haya sido explicada amplamente.

ACCEPTED  
with COMMENTS  
in EPA Letter Dated

NOV 16 1993

Under the Federal Insecticide,  
Fungicide, and Rodenticide Act  
as amended, for the pesticide  
registered under EPA Reg. No.

2749-41

FOR AGRICULTURAL USE ONLY

**BEST AVAILABLE COPY**

**NET CONTENTS 5 GALS.**

EPA REG. NO. 2749-41-AA

EPA EST. NO. 11656-CA-2

**PRECAUTIONARY STATEMENTS**  
**HAZARDS TO HUMANS & DOMESTIC ANIMALS**

**WARNING**

May be fatal if inhaled, 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.

Personnel should use required clothing and equipment listed on the label when handling open containers.

**STATEMENT OF PRACTICAL TREATMENT**

"If Swallowed: Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger. Do not give anything by mouth to an unconscious person. Get medical attention.

If on Skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

If in Eyes: Flush with plenty of water for 15 minutes. Get medical Attention."

NOTE TO PHYSICIANS: Atropine is antidotal only if symptoms of cholinesterase inhibition are present. Pralidoxime chloride (2-PAM; PROTOPAM chloride) may be effective as an adjunct to atropine. Use according to label directions.

**ENVIRONMENTAL HAZARDS**

This pesticide is toxic to wildlife and aquatic invertebrates. For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water by cleaning equipment or disposal of wastes.

This pesticide is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.

*Remove*  
For terrestrial uses, do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark."

**PHYSICAL & CHEMICAL HAZARDS**

Combustible liquid and vapor. Do not use, pour, spill, or store near heat or open flame.

**DIRECTIONS FOR USE**

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

**Required clothing and Equipment for Application:**  
All applicators, including 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:

- a. Impermeable gloves (for example, rubber or plastic covered reinforced gloves).
- b. Face shield, goggles, or safety glasses with side shields.
- c. Boots or boot covers.
- d. Long-sleeved shirt and long pants.
- e. Wide-brimmed hat.
- f. Respirators must be worn by flaggers and mixer/loaders.

**BEST AVAILABLE COPY**

**REENTRY STATEMENT**

Do not enter treated areas without protective clothing until sprays have dried. Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

**NOTE:**

**RE-ENTRY PERIOD FOR CITRUS IS 4 DAYS.** Do not apply this product in such a manner as to directly or through drift expose workers

or other persons. The area being treated must be vacated by unprotected persons.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. When oral warnings are given, warnings shall be given in a language customarily understood by workers.

Written or oral warnings must include the following information:

**WARNING**

(Insert area or field description) treated with Dimethoate on (insert date of application.) Do not enter treated areas without protective clothing until sprays have dried. In case of accidental exposure: Call a doctor (physician), clinic or hospital immediately. Explain that the victim has been exposed to dimethoate and describe his condition. For further information see the "STATEMENT OF PRACTICAL TREATMENT" portion of the pesticide label.

**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.**

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## STORAGE AND DISPOSAL

**PROHIBITIONS:** Do not contaminate water, food, or feed by storage or disposal. Open dumping is prohibited. Do not reuse empty container. Do not store under conditions which might adversely affect the container or its ability to function properly.

Do not ship or store with food, feeds, drugs, or clothing.

Do not cut or weld metal containers.

**STORAGE:** Do not store Dimethogon 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. !

Store in safe manner. Store in original container only. Keep container tightly closed when not in use. Reduce stacking height where local conditions can affect package strength. Personnel should use cloth-

ing and equipment listed under "PRECAUTIONARY STATEMENT" when handling open containers.

**PESTICIDE DISPOSAL:** Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative at the nearest EPA Regional Office for guidance.

**CONTAINER DISPOSAL:** Metal: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by state and local authorities. Plastic: Triple rinse (or equivalent). Then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or incineration, or, if allowed by state and local authorities, by burning. If burned, stay out of smoke.

Replace with

"listed on the label"

## NOTICE

Aceto Agricultural Chemicals Corporation warrants that this product conforms to the chemical description on the label thereof and is reasonably fit for the purposes stated on such label only when used in accordance with the directions under normal use conditions. It is impossible to eliminate all risks inherently associated with the use of the product. Crop injury, ineffectiveness, or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of Aceto. In no case shall Aceto be liable for consequential, special or indirect damages resulting from the use or handling of this product. All such risks shall be assumed by the buyer. Aceto makes no warranties of Merchantability or fitness for a particular purpose nor any other express or implied warranty except as stated above.

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## DIRECTIONS

**BEFORE USING, READ WARNING STATEMENTS ON CONTAINER LABEL.**

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.

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.

Do not apply this product through any type of irrigation system.

**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
<b>FRUIT CROPS</b>			
Apples, Pears (bearing & non-bearing)	Aphids Leafhoppers Pears Psylla Mites (except rust mites)	¼ - 1½ pints/100 gallons of water	Do not apply less than 28 days before harvest. Apply during bloom period. <del>Remove</del> Do not apply when trees or substantial numbers of weeds in the orchard (grove) are in bloom.

**DO NOT GRAZE LIVESTOCK IN ORCHARDS THAT HAVE BEEN TREATED.**

Foliar application to apple; ~~Remove~~ Do not apply when trees or substantial numbers of weeds in the orchard (grove) are in bloom.

Lemons Oranges Grapefruit Tangerines	Aphids	Ground Equipment: ¼ 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 when trees or substantial numbers of weeds in the orchard (grove) are in bloom.  .. 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.
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**FRUIT CROPS (Continued)**

CROP	INSECT	RATE	DAYS BETWEEN LAST APPLICATION AND HARVEST
Lemons Oranges Grapefruit Tangerines	Mites (except rust mites)	Ground Equipment: ¾ to 1½ pts. per 100 gals. water. Apply as a thorough distribution coverage spray.	Do not apply less than 15 days before harvest.  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.
Lemons Oranges Grapefruit Tangerines	Scales (except black or snow)	Ground Equipment: 1½ to 2¼ pts. per 100 gals. water. Apply as a thorough coverage spray.	Do not apply when trees or substantial numbers of weeds in the orchard (grove) are in bloom.  Do not apply less than 45 days before harvest.  Do not apply when trees or substantial numbers of weeds in the orchard (grove) are in bloom.  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: ¾ 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 when trees or substantial numbers of weeds in the orchard (grove) are in bloom.  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.

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**FRUIT CROPS (Continued)**

CROP	INSECT	RATE	DAYS BETWEEN LAST APPLICATION AND HARVEST
Lemons Oranges Grapefruit Tangerines	Whiteflies	Ground Equipment: 1½ pts./100 gals. water. Apply as a thorough distribu- tion coverage spray.	Do not apply less than 15 days before harvest.  Make no more than 2 ap- plications to mature fruit. Do not use on citrus seedling. Do not enter treated groves within 4 days of last application.

**DO NOT GRAZE LIVESTOCK IN ORCHARDS THAT HAVE BEEN TREATED.** Do not apply when trees or substantial numbers of weeds in the orchard (grove) are in bloom.

Citrus (non-bearing) (Ariz. & Calif.)	Thrips Aphids	<b>FOLIAR SPRAY:</b> Apply 1½ pts. per 100 gallons of water. Repeat application as necessary. Do not enter treated groves within 4 days of last application. <b>SOIL DRENCH:</b> 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.	
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Foliar application to citrus: Do not apply when trees or substantial numbers of weeds in the orchard (grove) are in bloom.

CROP	INSECT	RATE	DAYS BETWEEN LAST APPLICATION AND HARVEST
<b>NUTS</b>			
Pecans	Aphids, mites, leafhoppers	Ground Equipment only: 1 pt./acre.	Do not apply less than 21 days before harvest. Do not graze livestock in treated groves.
<b>VEGETABLE CROPS</b>			
Beans (green, lima, snap, dry)	Aphids Leafhoppers Leaf miners Mites, Lygus bugs	¾ - 1½ pt./acre	Beans may be harvested on day of application. Do not feed treated vines.

Foliar application to beans: Do not apply if the crop or weeds in the treatment area are in bloom.

# VEGETABLE CROPS

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Broccoli Cauliflower	Aphids	$\frac{3}{4}$ - $1\frac{1}{2}$ pints/acre	Do not apply less than 7 days before harvest.
Cabbage	Aphids	$\frac{3}{4}$ - $1\frac{1}{2}$ pints/acre	Do not apply less than 7 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 Endive (escarole)	Aphids Leafhoppers Leaf miners	$\frac{3}{4}$ pint per acre	Do not apply less than 14 days before harvest.
Melons (except Watermelons)	Aphids Leafhoppers Leaf miners Thrips	$1\frac{1}{2}$ pints/acre	Do not apply less than 3 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 within 21 days after last application when a stationary vinor is used. Do not feed or graze when a mobile vinor is used.

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**DO NOT APPLY DIMETHOATE TO PEAS MORE THAN ONCE PER SEASON.**

Foliar application to peas;  
do not apply if the crop or weeds in the treatment area are in bloom.

Peppers	Aphids Leaf miners Maggots	$\frac{3}{4}$ - 1 pint/acre	Peppers may be harvested on day of application.
Potatoes Tomatoes Watermelons	Aphids Leaf miners Leaf hoppers	$\frac{3}{4}$ - $1\frac{1}{2}$ 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	$\frac{3}{4}$ - $1\frac{1}{2}$ 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.
Alfalfa (grown for seed)	Aphids Leafhoppers Lygus bugs Grasshoppers Reduction of Alfalfa Weevil Larvae	$\frac{3}{4}$ - $1\frac{1}{2}$ 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.

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Remove - Replace with "Do not apply if the crop or weeds in the treatment area are in bloom"

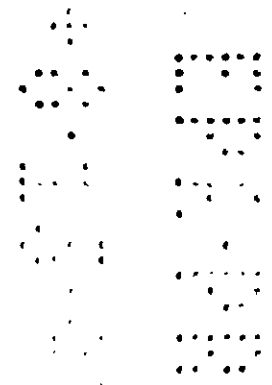
Remove - Replace with "Do not apply if the crop or weeds in the treatment area are in bloom"

NOTE : DO NOT APPLY TO ALFALFA MORE THAN ONCE PER YEAR.

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Foliar application to alfalfa, Do not apply if the crop or weeds in the treatment area are in bloom.

Cotton (grown in Ariz. & Calif.)	Lygus bugs Leafhoppers Thrips Black fleahoppers	$\frac{3}{4}$ - $1\frac{1}{2}$ pints/acre	Do not apply less than 14 days before harvest. Do not repeat applications within 14 days. Do not feed treated forage or graze livestock on treated fields. Do not apply more than 2 applications per season at the $1\frac{1}{2}$ pint rate.
Cotton (early season)	Aphids, Mites, Thrips, fleahoppers	$\frac{1}{2}$ to $\frac{3}{4}$ pints/acre	Do not apply less than 14 days before harvest. Do not repeat application within 14 days. Do not feed treated forage or graze livestock on treated fields.
	Lygus Bugs	$\frac{3}{4}$ pints/acre	
Cotton (Oklahoma, Texas)	Fleahoppers	$\frac{1}{2}$ to $\frac{3}{4}$ pints/acre	Do not apply less than 14 days before harvest. Do not repeat application within 14 days. Do not feed treated forage or graze livestock on treated fields.



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 267EC in 20 parts of water. Do not use less than 2½ gals./acre for the 1 pt. rate and 3-¾ gals./acre for the 1½ pt. rate.	14 (foraging) 42 (grain) Apply as necessary. Make no more than three applications per year.
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Foliar application to corn: Do not apply to corn during the pollen-shed period.

Safflower (grown in Calif. & Ariz.)	Aphids Leafhoppers Lygus bugs Thrips	¾ - 1½ 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 2 applications per season at the higher rate.
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Sorghum (milo)	Aphids	¾ to 1½ 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 Dimethogon 267 in 20 parts of water as follows: Rate of minimum gallons Dimethogon 267 water/acre ¾ pt. 2 1 pt. 2½ 1½ pt. 3 Consult local extension agent for the proper timing of applications in your area.	<p><b>BEST AVAILABLE COPY</b></p> <p>Do not feed or graze within 28 days of last application. Make only three applications per season as needed.</p> <p><b>DO NOT APPLY AFTER HEADING.</b></p>
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Wheat (grown in Texas, Oklahoma, Kansas and South Dakota)	Aphids (greenbug)	¾ to 1 pint/acre	Do not apply within 14 days of grazing immature plants.
	Brown Wheat mite	½ to ¾ pints/acre	Do not harvest grain within 60 days of last application Make only

two applications per season.

Manufactured For: **ACETO AGRICULTURAL CHEMICALS CORPORATION**  
One Hollow Lane, Lake Success, NY 11042-1215