



ORTHO

CYGON® 267

Systemic Insecticide

Active Ingredient	By Wt.
Dimethoate (O,O-dimethyl S-N-methylcarbamoyl-methyl phosphorodithioate)	30.5%
Inert Ingredients	69.5%
Contains 2.67 pounds Dimethoate per gal.	



READ THE LABEL

KEEP OUT OF REACH OF CHILDREN

WARNING: HARMFUL OR FATAL IF SWALLOWED. VAPOR HARMFUL. CONCENTRATED MATERIAL CAUSES EYE IRRITATION. COMBUSTIBLE. Avoid breathing vapor or spray mist. Use only with adequate ventilation. Avoid contact with skin and eyes. Wash thoroughly after handling. **FIRST AID:** In case of contact with eyes, flush eyes with plenty of water for at least 15 minutes; get medical attention. **NOTE TO PHYSICIANS:** This product may cause cholinesterase inhibition. Atropine is antidotal. 2-PAM is also antidotal and may be administered in conjunction with atropine. Do not store or transport near feed or food. **DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME.** Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.

This product is toxic to wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams or ponds. Do not apply when weather conditions favor drift from areas treated. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes.

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. For more information may be obtained from your cooperative Agricultural Extension Service.

NET CONTENTS 5 GALLONS LIQUID

[239-2325]

READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH WARNINGS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.

KEEP OUT OF REACH OF CHILDREN. DO NOT PUT IN CONTAINER OR DISPOSE INTO FOOD OR DRINK CONTAINER.

WASH AND DESTROY CONTAINER WHEN EMPTY. NEVER RE-USE.

DO NOT STORE BELOW FREEZING TEMPERATURES.

DIRECTIONS

For use on citrus trees, shrubs and fruit trees.

Do not use this product for any other use than those specified in this label. This product is intended for use by the commercial grower in combination with conventional hydraulic sprayers, ground applicators or airplane sprayers.

Ground Application—Use recommended amount in softest water for thorough coverage. **Air Application**—Use recommended amount in softest water, unless otherwise specified. Repeat applications as necessary unless otherwise specified. Consult your local Agricultural Extension Service for proper timing of applications.

APPLES, PEARS: Aphids, Leafhoppers, Pear Psylla, Mites (except Rust Mites)—1 to 1½ pts. per 100 gals. water. Do not apply to fruit within 14 days of harvest. Do not apply within 28 days of harvest.

LEMONS, ORANGES, GRAPEFRUIT, TANGERINES: Aphids, Mites (except Rust Mites), Thrips—**Ground Application**—1 to 1½ pts. per 100 gals. water. Apply as a thorough coverage spray. **Aphids, Thrips—Airplane Application**—3 to 6 pts. per acre in 15 to 20 gals. water. **Scales (except black or snow)—Ground Application**—1 to 2 pts. per 100 gals. water. Apply as a thorough coverage spray. **Whiteflies—Ground Application**—1 pt. per 100 gals. water. Apply as a thorough distribution coverage spray. Do not apply within 14 days of harvest. Do not use on citrus seedling. Make no more than 2 applications to mature trees. Do not apply to citrus leaves within 4 days of last application. Do not apply to citrus within 15 days of harvest and for citrus seedlings within 15 days of harvest.

BEANS (green, lima, snap, dry): Aphids, Leafhoppers, Leaf Miners, Mites, Lygus Bugs—1 to 1½ pts. per acre. Beans may be harvested at any time after application. Do not feed treated vines.

BROCCOLI, CAULIFLOWER, CABBAGE: Aphids—1 to 1½ pts. per acre. Do not apply to broccoli and cauliflower within 7 days of harvest and to cabbage within 14 days of harvest.

HEAD LETTUCE, LEAF LETTUCE, SPINACH, COLLARDS, KALE, TURNIP (greens and roots), MUSTARD GREENS, SWISS CHARD, ENDIVE (escarole): Aphids, Leafhoppers, Leaf Miners—1 to 1½ pts. per acre. Do not apply within 14 days of harvest except head lettuce which may be applied within 7 days of harvest.

MELONS (except Watermelons): Aphids, Leafhoppers, Leaf Miners, Thrips—1 to 1½ pts. per acre. **WATERMELONS:** Aphids, Leaf Miners, Leafhoppers—1 to 1½ pts. per acre. Do not apply to melons within 14 days of harvest.

PEAS: Aphids—1 to 1½ pts. per acre. Do not apply to peas within 14 days of harvest. Do not apply to peas within 14 days of harvest when a double crop is being used.

Chevron Chemical Company

Ortho Division, San Francisco, Calif. 94119

Richmond, California—Fresno, California

Des Moines, Iowa—Larchmont, New Jersey—Orlando, Florida

St. Louis, Missouri—Tulsa, Oklahoma—Wichita, Kansas

Yonkers, New York—Portland, Oregon



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Active Ingredient	By Wt
Dimethoate [O,O-dimethyl S-(N-methylcarbamoyl-methyl) phosphorodithioate]	30.5%
Inert Ingredients	69.5%
Contains 2.67 pounds Dimethoate per gal.	



READ THE LABEL

KEEP OUT OF REACH OF CHILDREN

WARNING:

HARMFUL OR FATAL IF SWALLOWED. VAPOR HARMFUL. CONCENTRATED MATERIAL CAUSES EYE IRRITATION. COMBUSTIBLE. Avoid breathing vapor or spray mist. Use only with adequate ventilation. Avoid contact with skin and eyes. Wash thoroughly after handling. **FIRST AID:** In case of contact with eyes, flush eyes with plenty of water for at least 15 minutes; get medical attention. **NOTE TO PHYSICIANS:** This product may cause cholinesterase inhibition. Atropine is antidotal. 2 PAM is also antidotal and may be administered in conjunction with atropine. Do not store or transport near feed or food. **DO NOT USE, POUR, SPILL OR STORE NEAR HEAT OR OPEN FLAME. Do not apply under conditions involving possible drift to food, forage or other plantings that might be damaged or the crops thereof rendered unfit for sale, use or consumption.**

This product is toxic to wildlife. Birds feeding on treated areas may be killed. Keep out of lakes, streams or ponds. Do not apply when weather conditions favor drift from areas treated. Do not apply where runoff is likely to occur. Do not contaminate water by cleaning of equipment or disposal of wastes.

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.

NET CONTENTS 5 GALLONS LIQUID

PECANS: Aphids, Leafhoppers, Mites, etc.

PEPPERS: Aphids, Leaf Miners, Mites, etc.

POTATOES, TOMATOES: Aphids, Leafhoppers, Mites, etc.

ALFALFA: (grown for Hay and seed crops) Aphids, Leafhoppers, Mites, etc.

COTTON (Early Season—Ar Areas): Aphids, Leafhoppers, Mites, etc. (Do not apply to cotton in California and Arizona until after the first of May. Do not apply to cotton in Oklahoma and Texas until after the first of June. Do not feed treated cotton to livestock within 14 days. Do not feed treated cotton to livestock within 14 days of harvest.)

SAFFLOWER (grown in California and Arizona): Aphids, Leafhoppers, Lygus Bugs, etc. (Do not apply to safflower within 14 days of harvest. Do not repeat applications within 14 days of harvest.)

SORGHUM (milo): Aphids—Moderate to heavy infestations— $\frac{1}{2}$ to 1 pt. per acre. Apply 25 to 40 gals. of water per acre by ground and 1 to 10 gals. by aircraft. Do not feed or grade within 14 days. First application should be made at or before ground application, as needed per season.

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

WHEAT: Aphids (Greenbugs)— $\frac{3}{4}$ to 1 pint per acre. Brown Wheat Mite— $\frac{1}{3}$ to $\frac{1}{2}$ pint per acre. Do not apply to wheat within 14 days of grazing immature plant. Do not harvest grain within 60 days of last application. This use is restricted to wheat grown in Texas, Oklahoma, South Dakota and Kansas.

PINYON PINE: Pinyon Needle Scale—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 back-pack sprayer. Do not spray leaves or needles since phytotoxicity may result. **PINES:** Loblooly Pine Sawfly— $\frac{1}{2}$ to $\frac{3}{4}$ pt. per acre in 2 gals. water. Apply by aircraft when air is calm and temperature is below 68° F. Apply when most larvae are in the second and third instars. Do not apply to pine trees used for pine nut or pinyon nut production. **DOUGLAS FIR:** Fir Cone Midge— $\frac{1}{4}$ gal. in 100 gals. water. Make thorough coverage application when cones are closed and pendant. Use hydraulic or back-pack sprayer.

CONDITIONS OF SALE: 1. Chevron Chemical Company (Chevron) warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed herein. Chevron makes no authorized agent or representative to make any other warranty of FITNESS or of MERCHANTABILITY, warranted or representation, express or implied, concerning this material.

2. Critical and unforeseeable factors beyond Chevron's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks exist even though the product is reasonably fit for the uses stated herein and even though the directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Chevron under 1 above) resulting from handling, storage, and use of this material.

The use of the within contained material for systemically protecting living plants is covered by Patent No. 3,010,147. The selling price includes a royalty for the right of any purchaser of said material to practice the methods claimed in said patent. A non-transferable license under said patent may be obtained from American Cyanamid Company on current royalty terms whatever the source of material used.

CYGON® trademark of American Cyanamid Co.

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KEEP PESTICIDE IN ORIGINAL CONTAINER. DO NOT PUT CONCENTRATE OR DILUTE INTO FOOD OR DRINK CONTAINERS.

KEEP PESTICIDE IN ORIGINAL CONTAINER. DO NOT PUT CONCENTRATE OR DILUTE INTO FOOD OR DRINK CONTAINERS.

WASH AND DESTROY CONTAINER WHEN EMPTY. NEVER RE-USE.

DO NOT STORE BELOW FREEZING TEMPERATURES.

DIRECTIONS

Not for use or storage in or around the home.

Do not use this product for any other uses than those specified on this label. This product is intended for use by the commercial grower or commercial applicator in conventional hydraulic sprayers, ground applicators or airplane sprayers.

Ground Application—Use recommended amount in sufficient water for thorough coverage. **Air Application**—Use recommended amount in 2 to 10 gallons water, unless otherwise specified. Repeat applications as necessary unless otherwise specified. Consult your State Experiment Station or State Extension Service for proper timing of applications.

APPLES, PEARS: Aphids, Leafhoppers, Pear Psylla, Mites (except Rust Mites)—2 to 1½ pts. per 100 gals. water. Do not apply during the bloom period. Do not apply within 28 days of harvest.

LEMONS, ORANGES, GRAPEFRUIT, TAMARINES: Aphids, Mites (except Rust Mites), Thrips—Ground Application—3:1 to 1½:1 p.p.s. per 100 gals. water. Apply as a thorough coverage spray. Aphids, Thrips—Airplane Application—3 to 6 p.p.s. per acre in 15 to 20 gals. water. Scales (except black or snow)—Ground Application—1½ to 2½ p.p.s. per 100 gals. water. Apply as a thorough coverage spray. Whiteflies—Ground Application—1½ to 2 p.p.s. per 100 gals. water. Apply as a thorough distribution coverage spray. Do not apply to citrus during bloom period. Do not use on citrus seedling. Make no more than 2 applications to mature fruit. Do not enter treated groves within 4 days of last application. Do not apply to citrus within 15 days of harvest and for Scale recommendation within 45 days of harvest.

BEANS (green, lima, snap, dry): Aphids, Leafhoppers, Leaf Miners, Mites, Lygus Bugs— $\frac{3}{4}$ to 1½ pts. per acre. Beans may be harvested on day of application. Do not feed treated vines.

BROCCOLI, CAULIFLOWER, CABBAGE: Aphids— $\frac{3}{4}$ to 1½ pts. per acre. Do not apply to broccoli and cauliflower within 7 days of harvest and to cabbage within 3 days of harvest.

HEAD LETTUCE, LEAF LETTUCE, SPINACH, COLLARDS, KALE, TURNIP (greens and roots), MUSTARD GREENS, SWISS CHARD, ENDIVE (escarole): Aphids, Leafhoppers, Leaf Miners— $\frac{3}{4}$ pt. per acre. Do not apply within 14 days of harvest, except head lettuce, do not apply within 7 days of harvest.

MELONS (except Watermelons): Aphids, Leafhoppers, Leaf Miners, Thrips—1½ pts. per acre. **WATERMELONS**: Aphids, Leaf Miners, Leafhoppers—¾ to 1½ pts. per acre. Do not apply to melons within 3 days of harvest.

PEAS: Aphids—½ 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 being used.

Clifton Chemical Company

Ortho Division/San Francisco, Calif. 94119

Richmond, California Fresno, California

Des Moines, Iowa Perth Amboy, New Jersey Orlando, Florida

Form 7927-1 Product 5037 Printed in U.S.A.

FPA Reg. No. 239-2325-AA



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Active Ingredient
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Inert Ingredients
Contains 2.67 pounds Dimet

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FOR ECONOMIC PLAGUING REGISTER-
ED UNDER NO SUBJECT
TO ~~ATTACHED COMMENTS~~

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KEEP OUT OF RE

WARNING: HARMFUL ON CONTACT
CONCENTRATED MATERIAL CAUSES EYE

vapor or spray mist. Use only with adequate ventilation.
 eyes. Wash thoroughly after handling. Fill eyes with plenty of water for at least 15 minutes.
PHYSICIANS: This product may cause chemical burns.
 2-PAM is also antidotal and may be administered orally for the treatment of nerve agent poisoning. Do not store or transport near feed or food.
HEAT OR OPEN FLAME. Do not apply under fire. Do not use in confined spaces.
 storage or other plantings that might be affected by the use of this product.
 for sale, use or consumption.

This product is toxic to wildlife. Birds feed of lakes, streams or ponds. Do not apply if treated. Do not apply where runoff is cleaning of equipment, or disposal of waste.

This product is toxic to bees. Restrict application inside the hive or in the early morning.

Protective information may be obtained from the Service.

NET CONTENTS 5 GALL

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

NET CONTENTS 5 GALLONS LIQUID

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

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

POTATOES, TOMATOES: Aphids, Leaf Miners, Leafhoppers— $\frac{3}{4}$ to 1½ pts. per acre. Potatoes may be harvested on day of application. Do not apply to Tomatoes within 7 days of harvest.

ALFALFA (grown for Hay and Seed crops): Aphids, Leafhoppers, Lygus Bugs, Grasshoppers, Reduction of Alfalfa Weevil Larvae— $\frac{3}{4}$ to 1½ pts. per acre. Do not apply to alfalfa during bloom period. Hay—Do not apply within 10 days of harvest or pasturing. Make only one application per year. Effective only on cutting to which applied. Seed Crop—Do not feed or graze livestock in treated crops, hay, stubble or threshings within 10 days of application.

COTTON (Early Season—All Areas): Aphids, Fleahoppers, Mites, Thrips— $\frac{1}{3}$ to $\frac{2}{3}$ pt. per acre. Lygus Bugs, Leafhoppers and Black Fleahoppers in California and Arizona— $\frac{3}{4}$ to 1½ pts. per acre. Make only two applications per season at the higher rate. Fleahoppers in Oklahoma and Texas— $\frac{1}{3}$ to $\frac{2}{3}$ pt. per acre. Do not apply to cotton within 14 days of harvest. Do not repeat applications within 14 days. Do not feed treated forage or graze livestock on treated fields.

SAFFLOWER (grown in California and Arizona): Aphids, Leafhoppers, Lygus Bugs, Thrips— $\frac{3}{4}$ to 1½ pts. per acre. Do not apply within 14 days of harvest. Do not repeat applications within 14 days. Make only 2 applications per season at the higher rate.

SORGHUM (milo): Aphids—Moderate to heavy infestations— $\frac{3}{4}$ to 1½ pts. per acre. Light infestations on young sorghum prior to head formation— $\frac{1}{3}$ to $\frac{2}{3}$ pt. per acre. Apply 25 to 40 gals. per acre by ground equipment for complete coverage and 2 to 10 gals. by aircraft. Do not feed or graze within 28 days of last application. Make 3 aerial applications or 3 ground applications as needed per season.

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

WHEAT: Aphids (Greenbugs)— $\frac{3}{4}$ to 1 pint per acre. Brown Wheat Mite— $\frac{1}{3}$ to $\frac{2}{3}$ pint per acre. Do not apply to wheat within 14 days of grazing immature plant. Do not harvest grain within 60 days of last application. This use is restricted to wheat grown in Texas, Oklahoma, South Dakota and Kansas.

PINYON PINE: Pinon Needle Scale—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 back-pack sprayer. Do not spray leaves or needles since phytotoxicity may result. **PINES:** Leblow Pine Sawfly— $\frac{3}{4}$ to $\frac{3}{4}$ pt. per acre in 2 gals. water. Apply by aircraft when air is calm and temperature is below 68° F. Apply when most larvae are in the second and third instars. Do not apply to pine trees used for pine nut or pinon nut production. **DOUGLAS FIR:** Fir Cone Midge— $\frac{3}{4}$ gal. in 100 gals. water. Make thorough coverage application when cones are closed and pendant. Use hydraulic or back-pack sprayer.

CONDITIONS OF SALE: 1. Chevron Chemical Company (Chevron) warrants that this material conforms to the chemical description on the label and is reasonably fit for use as directed hereon. Chevron neither makes, nor authorizes any agent or representative to make, any other warranty of FITNESS or of MERCHANTABILITY, guarantee or representation, express or implied, concerning this material.

2. Critical and unforeseeable factors beyond Chevron's control prevent it from eliminating all risks in connection with the use of chemicals. Such risks include, but are not limited to, damage to plants and crops to which the material is applied, lack of complete control, and damage caused by drift to other plants or crops. Such risks occur even though the product is reasonably fit for the uses stated hereon and even though label directions are followed. Buyer and user acknowledge and assume all risks and liability (except those assumed by Chevron under 1 above) resulting from handling, storage, and use of this material.

The use of the within contained material for systemically protecting living plants is covered by Patent No. 3,210,242. The selling price includes a royalty for the right of any purchaser of said material to practice the methods claimed in said patent. A non-transferable license under said patent may be obtained from American Cyanamid Company on current royalty terms whatever the source of material used.

CYGON® trademark of American Cyanamid Co.

