

**WARNING! COMBUSTIBLE LIQUID AND VAPOR  
HARMFUL OR FATAL IF SWALLOWED  
VAPOR HARMFUL  
CONCENTRATED MATERIAL CAUSES EYE IRRITATION**

**Avoid breathing vapor or spray mist.**

**Use only with adequate ventilation.**

**Keep container closed.**

**Avoid contact with skin and eyes.**

**Wash thoroughly after handling.**

**Do not contaminate food or feed products.**

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

**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. Pralidoxime chloride (2-PAM; PROTOPAM chloride) may be effective as an adjunct to atropine. Use according to label directions.

**DISCLAIMER**

American Cyanamid Company warrants only that the material contained herein conforms to the chemical description on the label and is reasonably fit for the use therein described when used in accordance with the directions for use.

Any damages arising from a breach of this warranty shall be limited to direct damages and shall not include consequential commercial damages such as loss of profits or values, etc.

American Cyanamid Company makes no other express or implied warranty, including any other express or implied warranty of FITNESS or of MERCHANTABILITY.

BUYER assumes the risk of any use contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable by American Cyanamid Company.

**DISPOSAL OF DRUMS:** Drain drum completely. Add 5 gallons of water, 1 cup of detergent and 2 pounds of lye. Tighten bungs. Rotate drum to wet all surfaces and let stand for at least 15 minutes. Drain completely and rinse several times with water. Tighten bungs. Transport to a professional drum reconditioner having burning equipment for reconditioning.

In case of an emergency endangering life or property involving this product, call collect, day or night, Area Code 201-835-3100.

**AMERICAN CYANAMID COMPANY  
AGRICULTURAL DIVISION  
PRINCETON, NEW JERSEY 08540**

DO NOT STORE BELOW 45°F

ACCEPTED

JUN 23 1975

Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 241-133



# CYGON\* 400

## SYSTEMIC INSECTICIDE

### WARNING!

KEEP OUT OF REACH OF CHILDREN

See Side Panel For Antidote And Other Warnings

#### AVISO!

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

(TO THE USER: If you cannot read English, do not use this product until the label has been fully explained to you.)

CYANAMID

#### Active Ingredient:

Dimethoate (O,O-dimethyl S-(methylcarbamoyl)thio phosphorothioate) 45.5%

#### Inert Ingredients:

54.5%

(1 Gallon contains 4.0 pounds of Dimethoate)

EPA Reg. No. 241-133

EPA Est. No. 241-NF2

Net Contents: 30 Gallons

2057/14

D-10

Toxic to birds and other wildlife. Keep out of lakes, streams or ponds. 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.

This product is highly toxic to bees exposed to direct treatment or residues on crops. Protective information may be obtained from your Cooperative Agricultural Extension Service.

**DIRECTIONS FOR USE**

BEFORE USING, READ WARNING STATEMENTS ON CONTAINER LABEL

**CROPS**

This product is intended for use by the commercial grower or commercial applicator in conventional hydraulic sprayers, ground applicators or airplane sprayers. When applying by ground equipment, use recommended amount in sufficient water for thorough coverage; by aircraft equipment, in 2 to 10 gallons of water. Do not apply when weather conditions favor drift of spray from areas treated. Repeat applications as necessary unless otherwise specified. Consult your state experiment station or state extension service for proper timing of applications.

Crop	Pests Controlled	Rate	Interval (Days) Between Last Application and Harvest								
Alfalfa (grown for hay)	Aphids, leafhoppers, lygus bugs, grasshoppers, reduction of alfalfa weevil larvae	1/2 to 1 pt./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 year. Effective only on cutting to which applied.								
Field Corn	Banks Grass Mites (excluding Trans-Pecos area of Texas)	3/4 to 1 pt./acre broadcast by air. Spray over the foliage when mites appear. Apply in ratio of 1 part CYGON 400 in 30 parts of water. Do not use less than 2 1/2 gals./acre for the 3/4 pt. rate and 3 3/4 gals./acre for the 1 pt. rate.	14 (foraging) 42 (grain) Apply as necessary. Make no more than three applications per year.								
Sorghum (milo)	Aphids	1/2 to 1 pt./acre <b>Ground Application:</b> Apply above rates in 25 to 40 gals. of water/acre. <b>Aerial Application:</b> Apply above rates in a ratio of 1 part CYGON 400 in 30 parts of water as follows: <table border="1"> <tr> <td>Rate of Cygon 400</td> <td>Minimum gallons water/acre</td> </tr> <tr> <td>1/2 pt.</td> <td>2</td> </tr> <tr> <td>3/4 pt.</td> <td>2 1/2</td> </tr> <tr> <td>1 pt.</td> <td>3 3/4</td> </tr> </table>	Rate of Cygon 400	Minimum gallons water/acre	1/2 pt.	2	3/4 pt.	2 1/2	1 pt.	3 3/4	Do not feed or graze within 28 days of last application. Make 3 applications as needed per season.
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1 pt.	3 3/4										
Banks grass mites (excluding Trans-Pecos area of Texas)	1 pt./acre <b>Ground Application:</b> Apply above rate in 25 to 40 gals. of water/acre. <b>Aerial Application:</b> Apply above rate in a ratio of 1 part CYGON 400 in 30 parts of water as follows: <table border="1"> <tr> <td>Rate of Cygon 400</td> <td>Minimum gallons water/acre</td> </tr> <tr> <td>1 pt.</td> <td>3 3/4</td> </tr> </table>	Rate of Cygon 400	Minimum gallons water/acre	1 pt.	3 3/4						
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1 pt.	3 3/4										
Sorghum midge	<b>Aerial Application:</b> Apply 1/4 to 1/2 pt. in 2 to 10 gals. of water/acre. Apply during the bloom period and repeat as necessary.										
Wheat (grown in Texas, Oklahoma, Kansas, South Dakota *)	Aphids (greenbugs)	1/2 to 3/5 pt./acre	Do not apply within 14 days of grazing immature plant. Do not harvest grain within 60 days of last application. * South Dakota Aphids (greenbugs) only.								
	Brown wheat mite	1/4 to 1/2 pt./acre									
SEED CROPS: Alfalfa	Aphids, leafhoppers, lygus bugs, grasshoppers, reduction of alfalfa weevil larvae	1/2 to 1 pt./acre	Do not apply to alfalfa in the bloom period. Do not feed or graze livestock in treated crops, hay, threshings or stubble within 10 days of application.								

**WARNING!**

DO NOT USE ON SEED ONIONS, SEED CARROTS, OR SEED BERMUDA GRASS. RECOMMENDATION FOR USE ON THESE CROPS HAS BEEN WITHDRAWN FROM THIS LABEL.

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 nontransferable license under said patent may be obtained from American Cyanamid Company on current royalty terms whatever the source of material used.

\*Trademark