

PLEASE NOTE

**This image contains more than one label
approved for this product on this date.**

Pests Controlled		Rate	Interval (Days) Between Last Application and Harvest
On and	Aphids, leafhoppers, typhs bugs, thrips	1/2 to 1 pt./acre	14 Repeat applications should not be made at intervals closer than 14 days. Make only 2 applications per season at the higher rate.
	Aphids	1/2 to 1 pt./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 Cygon 400 to 30 parts of water as follows: Rate of Cygon 400 lbs. Gal. 1/2 pt. 2 2 1/2 1 pt. 3 3 1/2	Do not feed or graze within 28 days of last application. Make 3 aerial applications or 3 ground applications as needed per season.
	Banks grass mites (excluding Texas Pecan area of Texas)	1 pt./acre Ground Application: Apply above rate in 25 to 40 gallons of water per acre. Aerial Application: Apply above rate in a ratio of 1 part CYGON 400 in 30 parts of water as follows: Rate of Cygon 400 lbs. Gal. 1 pt. 3 3 1/2	
	Sorghum midge	Aerial Application: Apply 1/2 to 1 pt. in 2 to 10 gallons of water per acre. Apply during the bloom period and repeat as necessary.	
No.	Aphids	1/2 to 1/4 pt./acre	21
	Aphids (greenbug)	1/2 to 1/4 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	
	Aphids, leafhoppers, typhs 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 30 days of application.

WARNING!

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 APPLICATION FOR USE ON THESE CROPS HAS BEEN WITHDRAWN FROM THIS LABEL.

DISPOSAL PROCEDURE: (1) Drain container into spray tank (after normal emptying) for 30 seconds. (2) Rinse carefully 3 times with 1 quart of water for each container and drain into spray tank after each rinse. (3) Do not reuse container. Use in isolated location away from water supplies with at least 18 inches of cover.

Use of the within contained material for systemically protecting 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 use the methods claimed in said patent. A nontransferable license said patent may be obtained from American Cyanamid Company under royalty terms whatever the source of material used.

In case of an emergency endangering life or property involving this product, call collect, day or night, Area Code 201-635-3100.

AN CYANAMID COMPANY AGRICULTURAL DIVISION
PRINCETON, N. J. 08540

DO NOT STORE BELOW 45° F.

ACCEPTED
JUL 25 1975
JUL 25 1975

241-233

CYCON 400

Systemic Insecticide

CYANAMID

Active Ingredient:

Dimethoate (O,O-dimethyl S-(N-methylcarbamoylmethyl) phosphorodithioate) 43.5%

Inert Ingredients

(1 Gallon contains 4.0 pounds of Dimethoate) 56.5%

EPA Reg. No. 241-233-AA

EPA Est. No. 241-NJ-02

FOR USE ON AGRICULTURAL CROPS

WARNING!

KEEP OUT OF REACH OF CHILDREN

See Side Panel For Antidote and Other Warnings

Net Contents: 1 Gallon

24657-01

D40

241-233

7-28-75

1042

¡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).

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.

DO NOT STORE BELOW 45°F

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.

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.

L2381

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.

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
FRUIT: Apples Pears	Aphids, leafhoppers, mites (except rust mites)	½ to 1 pt./100 gals. water	28 Do not apply during the bloom period.
Grapefruit Lemons Oranges Tangerines	Aphids	Ground Equipment: ½ to 1 pt./100 gals. water. Apply as an outside coverage spray. Aircraft Equipment: 1 to 2 qts./acre in 15 to 20 gals. water.	15
	Mites (except rust mites)	Ground Equipment: ½ to 1 pt./100 gals. water. Apply as a thorough distribution coverage spray.	15
	Scales (except black or snow)	Ground Equipment: 1 to 1½ pts./100 gals. water. Apply as a thorough coverage spray.	45
	Thrips	Ground Equipment: ½ to 1 pt./100 gals. water. Apply as a mist spray. Aircraft Equipment: 1 to 2 pts./acre in 15 to 20 gals. water.	15
	White flies	Ground Equipment: 1 pt./100 gals. water. Apply as a thorough distribution coverage spray.	15
Do not apply during bloom period. Do not use on citrus seedlings. Make no more than 2 applications to mature fruit. Do not enter treated groves within 4 days of last application.			
NUTS: Pecans	Aphids, mites, leafhoppers	Ground Equipment only: ½ pt./acre	21 Do not graze livestock in treated groves.
VEGETABLE CROPS: Beans (green, lima, snap, dry)	Aphids, leafhoppers, leaf miners, mites, lygus bugs	½ to 1 pt./acre	Beans may be harvested on day of application. Do not feed treated vines.
Broccoli Cauliflower	Aphids	½ to 1 pt./acre	7
Cabbage	Aphids	½ to 1 pt./acre	3

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NEXT

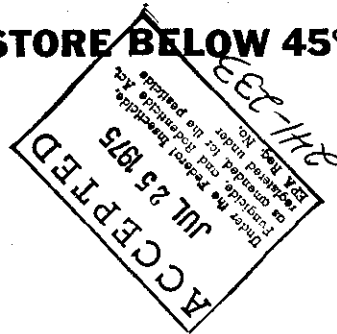
LABEL

241-233

7-25-75

588 15/1913

DO NOT STORE BELOW 45°F



CYGON* 400

SYSTEMIC INSECTICIDE

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.

CYANIDE

Active Ingredient:

Dimethoate (O,O-dimethyl S-(N-methylcarbamoylmethyl)
phosphorodithioate).....

43.5%

Inert Ingredients

56.5%

(1 Gallon contains 4.0 pounds of Dimethoate)

EPA Reg. No. 241-233-AA

EPA Est. No. 241-NJ-2

FOR USE ON AGRICULTURAL CROPS

WARNING!

KEEP OUT OF REACH OF CHILDREN

See Side Panel for Antidote and Other Warnings

*Trademark

Net Contents: 5 Gallons

24657-03

D40

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 PHYSICIAN: 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.

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.

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.

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, unless otherwise specified, in 5 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 local Cooperative Extension Service for proper timing of applications.

CROP	PESTS CONTROLLED	RATE	INTERVAL (DAYS) BETWEEN LAST APPLICATION AND HARVEST
FRUIT: Apples Pears	Aphids, leafhoppers, leaf miners, thrips (except fruit injury)	1 to 1 1/2 pt./100 gals. water	28 Do not apply during the bloom period.
Grapefruit Oranges Tangerines	Aphids	Ground Equipment: 1/2 to 1 pt./100 gals. water. Apply as an outside coverage spray. Aircraft Equipment: 1 to 2 pts./acre in 15 to 20 gals. water.	15
	Whitefly	Ground Equipment: 1/2 to 1 pt./100 gals. water. Apply as a thorough distribution coverage spray.	15
	Scale (except citrus leucophaea)	Ground Equipment: 1 to 1 1/2 pts./100 gals. water. Apply as a thorough coverage spray.	15
	Thrips	Ground Equipment: 1/2 to 1 pt./100 gals. water. Apply as a mist spray. Aircraft Equipment: 1 to 2 pts./acre in 15 to 20 gals. water.	15
	Whiteflies	Ground Equipment: 1 pt./100 gals. water. Apply as a thorough distribution coverage spray.	15
Do not apply during bloom period. Do not use on fruit. Do not enter treated groves within 4 days of last application. Make no more than 2 applications to mature fruit.			
NOTES: Do not graze livestock in treated groves.	Aphids, thrips, leafhoppers	Ground Equipment: 1 to 2 1/3 pt./acre	21
VEGETABLE CROPS: Broccoli Cauliflower	Aphids, leafhoppers, leaf miners, thrips, cutworms	1/2 to 1 pt./acre	Beans may be harvested on day of application. Do not feed treated beans.
Cauliflower	Aphids	1/2 to 1 pt./acre	7
Celery	Aphids	1/2 to 1 pt./acre	3
Head Lettuce	Aphids, leafhoppers, leaf miners	1/2 pt./acre	7
Celery (Florida)	Leaf miners	Ground Equipment: 1 pt./acre	7
Leaf Lettuce Spinach Collards Kale Turnip (greens and roots) Mustard Greens Swiss Chard Endive (Escarole)	Aphids, leafhoppers, leaf miners	1/2 pt./acre	14
Melons (except watermelons)	Aphids, leafhoppers, leaf miners, thrips	1 pt./acre	3
Watermelons	Aphids, leaf miners, leafhoppers	1/2 to 1 pt./acre	3
Peas	Aphids	1/3 pt./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.

CROP	PESTS CONTROLLED	RATE	INTERVAL (DAYS) BETWEEN LAST APPLICATION AND HARVEST
Peppers	Aphids, leaf miners, maggots	½ to 2/3 pt./acre	Peppers may be harvested on day of application.
Potatoes	Aphids, leaf miners, leafhoppers	½ to 1 pt./acre	Potatoes may be harvested on day of application.
Tomatoes	Aphids, leaf miners, leafhoppers	½ to 1 pt./acre	7
WHERE CABBAGEWORMS AND CABBAGE LOOPERS ARE A PROBLEM, THE ABOVE RATES OF CYGON 400 ARE COMPATIBLE WITH ENDOSULFAN, MALATHION OR PARATHION. USE IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS FOR CONTROL OF THESE INSECTS.			
FIELD CROPS:			
Alfalfa (grown for hay)	Aphids, leafhoppers, lygus bugs, grasshoppers, reduction of alfalfa weevil larvae	½ 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)	⅔ 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 2½ gals. per acre for the ⅔ pt. rate and 3¾ gals. per acre for the 1 pt. rate.	14 (foraging) 42 (grain) Apply as necessary. Make no more than three applications per year.
Cotton (grown in California and Arizona)	Lygus bugs, leafhoppers, black fleahoppers	½ to 1 pt./acre	14 Repeat applications should not be made at intervals closer than 14 days. Make only 2 applications per season at the higher rate. Do not feed treated forage or graze livestock on treated fields.
Cotton	Aphids, mites, thrips, fleahoppers	¼ to ½ pt./acre	14 Repeat applications should not be made at intervals closer than 14 days. Do not feed treated forage or graze livestock on treated fields.
	Lygus Bugs	½ pt./acre	
Safflower (grown in California and Arizona)	Aphids, leafhoppers, lygus bugs, thrips	½ to 1 pt./acre	14 Repeat applications should not be made at intervals closer than 14 days. Make only 2 applications per season at the higher rate.
Sorghum (milo)	Aphids	½ to 1 pt./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 CYGON 400 in 30 parts of water as follows: RATE OF CYGON 400 MINIMUM GALLONS WATER/ACRE ½ pt. 2 2/3 pt. 2½ 1 pt. 3¾	Do not feed or graze within 28 days of last application. Make 3 applications as needed per season.
	Banks grass mites (excluding Trans-Pecos area of Texas)	1 pt./acre Ground Application: Apply above rate in 25 to 40 gallons of water per acre. Aerial Application: Apply above rate in a ratio of 1 part CYGON 400 in 30 parts of water as follows: RATE OF CYGON 400 MINIMUM GALLONS WATER/ACRE 1 pt. 3¾	
	Sorghum midge	Aerial Application: Apply ¼ to ½ pt. in 2 to 10 gallons of water per acre. Apply during the bloom period and repeat.	
Barley	Aphids	½ to 2/3 pt./acre	21
Wheat (grown in Texas, Oklahoma, Kansas, Nebraska, Colorado)	Aphids (greenbugs)	½ to 2/3 pt./acre	Do not apply within 14 days of grazing; minimum interval. Do not harvest grain within 60 days of last application. South Dakota: Aphids (greenbugs) only.
	Broodmares only	½ to 1 pt./acre	
FIELD CROPS:			
Alfalfa	Aphids, leafhoppers, lygus bugs, grasshoppers, reduction of alfalfa weevil larvae	½ to 1 pt./acre	Do not apply to alfalfa in the bloom period. Do not feed or graze livestock on treated crops, hay, strawbery, 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.

RINSE/DRAIN PROCEDURE

(1) Drain container into spray tank (after normal emptying) in a vertical position for 30 seconds. (2) Rinse carefully 3 times with a gallon of water for each rinse for a 5-gallon pail and drain into spray tank after each rinse. (3) Do not reuse container.

DISPOSAL OF PAILS: Drain pail completely. Add 1/2 gallon water, 1/4 cup of detergent and 1/4 pound of lye. Tighten closure. Rotate pail to wet all surfaces and let stand for at least 15 minutes. Drain completely (not into sprayer tank) and rinse several times with water. Bury rinse solution at least 18 inches deep in an isolated area away from water supplies. Tighten closure. Puncture and crush pail to prevent reuse. Bury deeply in an isolated location with 18 inches of cover.

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.

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, N. J. 08540

L 2382

Made and Printed in U.S.A.