



DIRECTIONS FOR USE

DILUTE APPLICATION: Ground Application: Apply specified rate in 20 to 60 gallons of water per acre. Orchard Application: Apply specified rate in 100 to 800 gallons of water per acre.

CONCENTRATE APPLICATION: Ground Application: Apply specified rate in not less than 5 gallons of water per acre. Orchard Application: Apply specified rate in 20 to 100 gallons of water per acre. Special concentrate equipment is necessary for these uses.

AIR APPLICATION: Apply specified rate in 5 to 20 gallons of water per acre. Orchard rates should not be applied in less than 10 gallons of water per acre.

ALFALFA, CLOVER: Aphid, Leafhopper, Spider Mite, Alfalfa Weevil Larvae, Clover Leaf Weevil, Grasshopper, Lygus Bug, Vetch Weevil, Spittle Bug. Apply 1 1/2 to 2 pts. per acre. Armyworm. Apply 2 pts. per acre. Do not apply to crops in bloom because of the danger to the bees. No time limitations.

APPLES: Red-banded Leafroller, Woolly Apple Aphid, Forbes Scale, Bud Moth, Spider Mite, Mealy Bug. Apply 1 1/2 to 2 qts. per acre. Do not apply within 3 days of harvest. May cause injury to McIntosh and Cortland varieties if applied within 4 weeks of harvest.

ASPARAGUS: Asparagus Beetle, Thrips. Apply 2 pts. per acre. Do not apply within 1 day of harvest.

BEANS (Lima, Green, Snap, Navy, Red Kidney, Wax, Cowpeas, Black-eyed Peas, Dry Beans (California & Northwestern U.S.): Lygus Bug, Aphid, Cucumber Beetle, Spider Mite. Apply 1 1/2 to 2 pts. per acre. Do not apply within 1 day of harvest.

BROCCOLI, BRUSSELS SPROUTS, CABBAGE, CAULIFLOWER: Aphid, Cabbage Looper, Imported Cabbage Worm, Flea Beetle. Apply 1 1/2 to 2 pts. per acre. Do not apply within 3 days of harvest on Broccoli, 7 days on Cabbage, Brussels Sprouts or Cauliflower.

CANBERRIES (Blackberries, Boysenberries, Loganberries, Raspberries): Spider Mite, Thrips, Leafhopper. Apply 1 1/2 to 3 qts. per acre. Do not apply within 1 day of harvest.

CARROTS: Lygus Bugs. Apply 3 pts. per acre. Do not apply within 7 days of harvest.

CELERY: Leafhopper, Aphid, Lygus Bug, Spider Mite. Apply 1 1/2 pts. per acre. Do not apply within 7 days of harvest.

CHERRIES: Black Cherry Aphid, Red Banded Leafroller. Apply 1 1/2 to 2 qt. per acre. Do not apply within 3 days of harvest. May injure foliage on some varieties.

CITRUS (Lemons, Oranges, Grapefruit, Limes, Tangerines): Aphids, Thrips, Scale (Red, Yellow, Purple, Black, single-brooded), Soft, and Citricola). Apply 1 1/2 to 2 qts. per acre. Do not apply when trees are in bloom. Do not apply within 7 days of harvest.

CORN (Field, Sweet and Pop): Aphid, Corn Rootworm Adults, Sap Beetle, Thrips, Young Grasshopper. Apply 1 1/2 pts. per acre. Do not apply within 5 days of harvest for forage use. CAUTION: Injury may occur in the whorl and silk stages.

COTTON: Aphid, Leafhopper, Lygus Bug, Leaf Perforator, Leafworm, Spider Mite. Apply 1 to 2 qts. per acre.

EGGPLANT: Aphid, Spider Mite. Apply 1 to 3 pts. per acre. Lace Bug. Apply 3 pts. per acre. Do not apply within 3 days of harvest.

CUCUMBERS, MELONS, PUMPKINS, SQUASH: Aphid, Spider Mite, Pickleworm, Leafhopper, Cucumber Beetle, Thrips. Apply 1 1/2 to 2 pts. per acre. Darkling Ground Beetle, Squash Vine Borer. Apply 2 1/4 pts. per acre. Do not apply on Pumpkins within 3 days of harvest. Do not apply to Cucumbers, Squash, or Melons within 1 day of harvest. Do not apply unless plants are dry.

GRAPES: Grape Leafhopper (California & Southwest), Spider Mite, Mealy Bug. Apply 1 to 2 qts. per acre. Do not apply within 3 days of harvest. Injury may occur to Ribier, Italia, Cardinal or Almiria varieties after clusters appear.

HOPS: Aphid. Apply 1 to 1 1/2 pts. per acre. Do not apply within 10 days of harvest.

LETTUCE, SPINACH: Aphid, Leafhopper, Spider Mite. Apply 1 1/2 to 2 1/4 pts. per acre. Cabbage Looper, Alfalfa Looper. Apply 3 pts. per acre. Do not apply within 14 days of harvest on Leaf Lettuce, or within 7 days on Head Lettuce or Spinach.

ONIONS (Green Onions): Onion Thrip. Apply 1 to 2 1/4 pts. per acre. Onion Maggot. Apply 3 pts. per acre. Do not apply within 3 days of harvest.

ORNAMENTALS: Aphid, Spider Mite, White Flies, Thrips, Mealy Bug, Leafhopper, Lace Bug, Oyster Shell Scale, Tarnished Plant Bug, Leafminer. Apply 1 to 2 pts. per 100 gals. water. Do not use on Boston, Maidenhair and Pteris ferns, and some species of Crassula.

PEACHES: Spider Mite, Lygus Bug, Aphid. Apply 2 to 7 qts. per acre. Full coverage spray. Do not apply within 7 days of harvest.

PEARS: Red Banded Leafroller, Pear Psylla, Aphid, Woolly Aphid, Mealy Bug, Spider Mite. Apply 1 1/2 to 12 qts. per acre. Make one application or more as needed. Do not apply within 1 day of harvest.

PEARS: Red Banded Leafroller, Pear Psylla, Aphid, Woolly Aphid, Mealy Bug, Spider Mite. Apply 1 1/2 to 12 qts. per acre. Make one application or more as needed. Do not apply within 1 day of harvest.

PEPPERS: Aphid. Apply 1 to 2 pts. per acre. Pepper Maggot. Apply 2 1/2 pts. per acre. Do not apply within 3 days of harvest.

PLUMS, PRUNES: Mealy Plum Aphid, Bud Moth, Leafhopper. Apply 1 1/2 to 8 qts. per acre. Make one or more applications as needed. Do not apply within 3 days of harvest.

POTATOES: Potato Aphid, False Chinch Bug, Leafhopper, Mealy Bug. Apply 1 1/2 to 4 1/2 pts. per acre. Blister Beetle. Apply 4 pts. per acre. No time limitation.

RICE: Rice Leaf Miner, Rice Stink Bug. Apply 2 1/2 pts. per acre. Do not apply within 7 days of harvest.

SALAD CABBAGE: Aphid, Thrips, Lygus Bug, Grasshopper. Apply 1 1/2 to 2 pts. per acre. Do not apply within 3 days of harvest.

SUGAR BEETS: Aphids, Thrips, Leafminer. Apply 2 to 3 pts. per acre. Grasshopper. Apply 3 pts. per acre. Do not apply within 3 days of harvest. Do not use tops for food or feed.

TABLE BEETS: Aphids, Thrips, Leafminer, Grasshopper. Apply 2 to 4 pts. per acre. Do not apply within 7 days of harvest.

TOMATOES: Aphid, Spider Mite. Apply 4 to 5 1/2 pts. per acre. Tomato Fruitworm, Armyworm. Apply 5 1/2 pts. per acre. Do not apply within 5 days of harvest. (California only — do not apply within 3 days of harvest.)

WALNUTS: Walnut Husk Fly, Aphid, Red Spider Mite. Apply 6 to 10 qts. per acre. No limitations.

STORED GRAINS

Before new grain goes into storage, a spray made by mixing 1 gal. water (1 pint in 3 1/2 gal.) should be applied to walls, floors, and other storage areas including farm storage. Spray also grain. Spray all surfaces to the point of run-off, making sure the spray and crevices where insects may be concealed.

For protection of stored grain (wheat, oats, rice, corn, rye) by infestation by many of the common insects which attack grain in storage, grain borers, cadelle, saw-toothed grain beetle, confused Angoumois grain moth use 1 pint of concentrate in 2 to 5 gals. of water. Spray uniformly as the grain is being loaded or turned into storage, which can be calibrated to deliver a known volume per acre.

For small amounts of grain in farm storage, where special spray equipment is not available, a low-pressure sprayer (holding one gal. or more) can be used. The grain stream as the grain is being elevated into storage, means of spraying out a tank full of water, the rate at which the spray is applied (ounces per minute). Then regulate the flow of grain to get the grain. For example, if the sprayer is calibrated to deliver 100 gals. per acre, then when using a mixture of 1 pt. of concentrate in 5 gals. of water, the rate should be 20 bushels per minute.

CAUTION KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Avoid breathing of spray mist. Avoid contact with eyes. Do not contaminate food or feed products. Keep away from heat, sparks and open flame.

Highly toxic to fish. Do not contaminate any body of water by direct application or disposal of wastes or containers.

Highly toxic to bees exposed to direct treatment or residues on crop surfaces. Protective information may be obtained from your cooperative agent.

Avoid spillage while mixing and filling spray equipment. When spilled, wash thoroughly with water and detergent and destroy. Discard in a safe manner.

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

CONDITIONS OF SALE: 1. Seller warrants that this product is for use as directed on the label. No one is authorized to make any other warranty, guarantee or direction of use. The time, place, rate of application and other conditions of use are those stated on the label. Liability from the handling, storage and use of this product is the responsibility of the user. Refund of purchase price.

ACCEPTED WITH COMMENTS

**Spider Mite, Pickleworm, Leafhopper, Cucum-
Ground Beetle, Squash Vine Borer.** Apply
of harvest. Do not apply to Cucumbers,
plants are dry.

Spider Mite, Mealy Bug. Apply 1 to 2 qts.
may occur To Ribier, Italia, Cardinal or

within 10 days of harvest.

Apply 1 1/2 to 2 1/4 pts. per acre. **Cabbage**
Apply within 14 days of harvest on Leaf

per acre. **Onion Maggot.** Apply 3 pts.

Mealy Bug, Leafhopper, Lace Bug, Oyster
pts. per 100 gals. water. Do not use on
ula.

qts. per acre. Full coverage spray Do

Aphid, Mealy Bug, Spider Mite. Apply
needed. Do not apply within 1 day of

Aphid, Mealy Bug, Spider Mite. Apply
days of harvest if vines are to be fed to

Beet. Apply 2 1/2 pts. per acre. Do not

g. Apply 1 1/2 to 8 qts. per acre. Make
1 days of harvest.

Mealy Bug. Apply 1 1/2 to 4 1/2 pts. per
n.

per acre. Do not apply within 7 days of

Apply 1 1/2 to 2 pts. per acre. Do not apply

s. per acre. **Grasshopper.** Apply 3 pts.
pps for food or feed.

Apply 2 to 4 pts. per acre. Do not apply

per acre. **Tomato Fruitworm, Armyworm.**
harvest. (California only — do not apply

Apply 6 to 10 qts. per acre. No limitations.

STORED GRAINS

Before new grain goes into storage, a spray made by mixing 1 gal. of this concentrate in 25 gals. of water (1 pint in 3 1/4 gal.) should be applied to walls, floors, and ceilings of grain bins, elevators and other storage areas including farm storage. Spray also grain handling equipment and truck beds. Spray all surfaces to the point of run-off, making sure the spray is driven into joints, corners, cracks, and crevices where insects may be concealed.

For protection of stored grain (wheat, oats, rice, corn, rye, barley, and grain sorghum) against infestation by many of the common insects which attack grain in storage, such as rice weevil, granary weevil, grain borers, cadelle, saw-toothed grain beetle, confused flour beetle, red flour beetle, and Angoumois grain moth use 1 pint of concentrate in 2 to 5 gals. of water to each 1,000 bushels. Apply the spray uniformly as the grain is being loaded or turned into final storage. Standard spray application, which can be calibrated to deliver a known volume are suitable for the applications.

For small amounts of grain in farm storage, where special spray equipment may not be available, any low-pressure sprayer (holding one gal. or more) can be used. The spray should be applied to the grain stream as the grain is being elevated into storage. The first step is to determine, by means of spraying out a tank full of water, the rate at which the sprayer is discharging (e.g. fluid ounces per minute). Then regulate the flow of grain to get the proper amount of spray uniformly on the grain. For example, if the sprayer is calibrated to deliver 4 fluid ounces (1/4 pt.) per minute, then when using a mixture of 1 pt. of concentrate in 5 gals. of water the flow of grain should be 4 1/2 bushels per minute.

CAUTION KEEP OUT OF REACH OF CHILDREN

Harmful if swallowed. Avoid breathing of spray mist. Avoid contact with skin. Wash thoroughly after handling. Do not contaminate food or feed products. Keep container closed and away from heat, sparks and open flame.

Highly toxic to fish. Do not contaminate any body of water by direct application, cleaning of equipment or disposal of wastes or containers.

Highly toxic to bees exposed to direct treatment or residues on crops.

Protective information may be obtained from your cooperative Agricultural Extension Service.

Avoid spillage while mixing and filling spray equipment. When container is empty, immediately wash thoroughly with water and detergent and destroy. Discard in a safe place; never re-use container.

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

CONDITIONS OF SALE: 1. Seller warrants that this product consists of the ingredients specified and is reasonably fit for use as directed on the label. No one, other than an officer of Seller, is authorized to make any other warranty, guarantee or direction concerning this product. 2. Because the time, place, rate of application and other conditions of use are beyond Seller's control, Seller's liability from the handling, storage and use of this product is limited to replacement of product or refund of purchase price.

You Get Results With

BEST®

CYTHION® 5 EC

(PREMIUM GRADE MALATHION)

ACTIVE INGREDIENTS:	BY WT.
Malathion* - - - - -	56.4%
Xylene - - - - -	35.5%
INERT INGREDIENTS: - - - - -	8.1%
	TOTAL 100.0%

*O,O-dimethyl dithiophosphate of diethyl mercaptosuccinate.

®Trademark of American Cyanamid Co.

CONTAINS 5 LBS. MALATHION PER GALLON

E.P.A. Registration No. 7001-9-AA

25:3/72

CAUTION: KEEP OUT OF REACH OF CHILDREN
SEE ADDITIONAL CAUTIONS ON SIDE PANEL

NET CONTENTS 1 GALLON

OCCIDENTAL CHEMICAL COMPANY

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