



34704-457

1.86 FILE

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

FEB 10 1994

J ALLEN DUNLAP III
WILLIAM M. MAHLBURG
AGENT FOR: PLATTE CHEMICAL CO., INC.
P.O. BOX 667
GREELEY, CO. 80632

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 9/21/93 In Response to PR Notice 93-7
EPA Reg. No. 34704-457
CYTHON 5 EC

Dear Registrant:

The labeling cited above and submitted in connection with registration under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is accepted subject to the comments reflected on the enclosed sheet. A copy of your proposed labeling stamped "ACCEPTED WITH COMMENTS" is enclosed.

WHAT THIS ACCEPTANCE MEANS:

Based on your certification, the Agency has accepted the labeling changes that are necessary to comply with the Worker Protection Standard (WPS) labeling requirements of 40 CFR part 156, subpart K, described in PR Notices 93-7 and 93-11. Any other labeling changes submitted in connection with this amendment application but not directly related to compliance with the WPS have not been reviewed or accepted by the Agency. If you wish to make such changes, you must submit a separate amendment application proposing them. If your product is currently suspended, the acceptance of this labeling amendment does not affect the suspension in any way.

WHAT YOU NEED TO DO NEXT:

By the next label printing make all the specified changes to your labeling. Send to EPA one (1) copy of the final printed labeling:

- **BEFORE** selling or distributing any product bearing the final printed labeling
- AND**
- **WITHIN** one year from date of this acceptance.



Recycled/Recyclable
Printed with Soy/Canola Ink on paper that
contains at least 50% recycled fiber

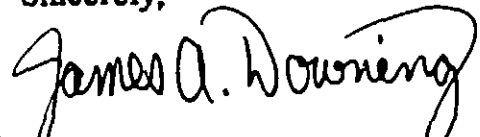
Submit the final printed labeling via the U.S. Postal Service to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs (7505C)
U.S. Environmental Protection Agency
401 M Street, SW
Washington, D.C. 20460-0001

Hand or courier deliveries of final printed labeling may be made to:

Document Processing Desk (FIN-LABEL)
Office of Pesticide Programs
Room 266A, Crystal Mall 2
1921 Jefferson Davis Highway
Arlington, VA 22202

Sincerely,

for 
Jim Tompkins, Deputy Chief
Registration Support Branch
Registration Division (7505W)

Attachment

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

J Allen Dunlap III
WILLIAM M. MAHLBURG
AGENT FOR: PLATTE CHEMICAL CO., INC.
- BOX 667
GREELEY CO 80632

Comment for: EPA Reg Nr.34704-457
CYTHION 5 EC

The following specific comments pertain to your WPS labeling submission concerning the product cited above:

User Safety Recommendations must either be placed in a box or printed on the label in a contrasting color from surrounding text.

You must retain from your original label any statements about entry restrictions that apply to the non-agricultural uses on your product. Create a Non-Agricultural Use Requirements box in the Directions For Use section of your labeling and add the statements: "The requirements in this box apply to uses of this product that are NOT within the scope of the Worker Protection Standard for agricultural pesticides (40 CFR Part 170). The WPS applies when this product is used to produce agricultural plants on farms, forests, nurseries, or greenhouses." Then add to the box the statements that are in brackets [] on your original label. Please refer to the instructions for creating a Non-Agricultural Use Requirements box starting on page 45 of Supplement Three to PR Notice 93-7 (Main Labeling Guidance).

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ROPOSED
ABEL



CYTHION[®] 5 EC

Approved
with Exemptions
in EPA Letter Dated
FEB 10 1991

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

34704-457

Organophosphate Insecticide

ACTIVE INGREDIENT:

Malathion (O,O-dimethyl phosphorodithioate
of diethyl mercaptosuccinate) 56.4%

INERT INGREDIENTS* 43.6%

TOTAL 100.0%

*Contains xylene range aromatics

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish, aquatic invertebrates, and aquatic life stages of amphibians. 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. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment 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.

PHYSICAL OR CHEMICAL HAZARDS

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.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

For additional requirements specific to your State or Tribe, consult the agency responsible for enforcing the regulation.

KEEP OUT OF REACH OF CHILDREN CAUTION

See Below For Additional Precautionary Statements

EPA REG. NO. 34704-457

EPA EST. NO. _____

NET CONTENTS _____ GAL. (_____ L)

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WPSEXPO9Y93

* CYTHION is a Registered T.M. of American Cyanamid Co.

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Avoid breathing of spray mist. Avoid contact with skin. Do not contaminate food or feed products. Keep container closed and away from heat, sparks and open flame. Use only with adequate ventilation. After using this product indoors, ventilate thoroughly before occupying enclosed spaces. Do not allow contact with treated surface until sprays have dried.

Personal Protective Equipment:

Some materials that are chemical resistant to this product are listed below. If you want more options, follow the instructions for category I or the EPA chemical resistance category select on chart.

Applicators and other handlers must wear: long-sleeved shirt and long pants; chemical resistant gloves such as barrier laminate, butyl rubber nitrile rubber, neoprene, and shoes plus socks.

Follow manufacturer's instructions for cleaning and maintaining PPE. If no such instructions, for washing use detergent and hot water. Keep and wash PPE separately from other laundry.

Engineering controls statements:

When handlers use closed systems, enclosed cabs, or airlocks in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.101-170.119), the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should:

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard (WPS) at 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label. Additional safety requirements for handling agricultural pesticides are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE required for entry into treated areas that is permitted under the Worker Protection Standard and that involves contact with any pesticide that has been applied, such as earth, soil or water is: coveralls, chemical resistant gloves such as barrier laminate, butyl rubber, nitrile rubber or neoprene, and shoes plus socks.

STORAGE AND DISPOSAL

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

STORAGE: Do not store below temperature of 0°F. If frozen, warm to 40°F, and dissolve before using by rolling or shaking the container. Keep container tightly closed when not in use. Reduce stacking height where local conditions can affect package strength. Personnel should use clothing and equipment consistent with good pesticide handling.

PESTICIDE DISPOSAL: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixtures, 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: 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. 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 of by state and local authorities.

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5 of 6

CYTHON 5 EC

EPA REG. NO. 34704-457

DIRECTIONS FOR DILUTION

Dilute Application: *Ground Application: Row Crops:* Apply specified rate in 20 to 60 gallons of water per acre.

Concentrate Application: *Row Crops:* Apply specified rate in not less than 5 gallons of water per acre. *Orchard Application:* Apply equivalent rate per acre in 20 to 100 gallons of water. Special concentrate equipment is necessary for these uses.

Air Application: Apply specified rate in 5 to 20 gallons of water per acre for field and vegetable crops. Orchard rates should not be applied in less than 10 gallons of water per acre. Use an equivalent per acre rate on orchards.

CHEMIGATION:

Refer to supplemental labeling entitled "APPLICATION THROUGH IRRIGATION SYSTEMS—CHEMIGATION" for use directions for chemigation. Do not apply this product through any irrigation systems unless the supplemental labeling on chemigation is followed.

APPLICATIONS

Maximum permissible rate per acre, expressed as CYTHON 5 EC, is given in parenthesis (), after each crop claim.

Alfalfa, Clover: *Alfalfa Weevil Larvae, Aphids, Grasshoppers, Leafhoppers, Lygus Bugs, Spider Mites, Spittlebugs, Spotted Alfalfa Aphids, Clover Leaf Weevils, Vetch Bruchids.* Apply 1 1/2 to 2 pts. per acre. *Armyworms.* Apply 2 pts. per acre. Do not apply to crops in bloom because of the danger to the bees. No time limitations.

Almonds: *Aphids, Red Spiders.* Apply 1 to 2 pts. per 100 gals. of water. *Peach Twig Borer.* Apply 1 to 1 1/2 pts. per 100 gals. of water. No time limitations. (24 pts.)

Apples: *Red Banded Leafroller, Woolly Apple Aphid, Green Apple Aphid, Rosy Apple Aphid, Forbes Scale, Bud Moth, Spider Mite, Mealy Bug.* Apply 1 to 1 1/2 pts. per 100 gals. of water. Do not apply within 3 days of harvest. May cause injury to McIntosh and Cortland varieties if applied within 4 weeks of harvest. (24 pts.)

Apples (dormant and delayed dormant spray): *Woolly Apple Aphids, Green Apple Aphids, Rosy Apple Aphids, Mites, Red Banded Leafrollers.* Apply 1 pt. plus 1 gal. of Super 94 Oil per 100 gals. of water. Make full coverage sprays only. (24 pts.)

Apricots: *Aphids, Codling Moth, Orange Tortrix, Soft Brown Scale, Terrapin Scale.* Apply 1 1/2 to 2 pts. per 100 gals. of water. Do not apply within 7 days of harvest. For *Codling Moth*, apply at petal fall every 10 to 14 days thereafter until control is achieved. (16 pts.)

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

Avocados: *Greenhouse Thrips, Latania Scales, Omnivorous Loopers, Orange Tortrix, Soft Brown Scale.* Apply 1 1/2 pts. per 100 gals. of water. Do not apply within 7 days of harvest (14 1/2 pts.)

Barley: *Aphids, Grasshoppers, Greenbugs.* Apply 1 1/2 pts. per acre. *Armyworms.* Apply 2 pts. per acre. *Cereal Leaf Beetles.* Apply 1 to 1 1/2 pts. per acre. Do not apply within 7 days of harvest.

Beans (Lima, Green, Snap, Navy, Red Kidney, Wax, Cowpea, Black-Eyed Peas, Dry Beans): (California & Northwestern U.S.): *Aphids, Cucumber Beetles.* Apply 2 pts. per acre. *Japanese Beetles, Lygus Bugs.* Apply 1 1/2 to 2 pts. per acre. Air application for *Lygus Bugs.* Apply 1 1/2 pts. per 10 gals. of water. *Mexican Bean Beetles.* Apply 1 1/2 pts. per acre. *Mites.* Apply 1 to 1 1/2 pts. per acre. Do not apply within 1 day of harvest.

Beets: *Aphids.* Apply 1 1/2 to 2 pts. per acre. Do not apply within 7 days of harvest if tops are to be used as feed.

Blackberries, Boysenberries, Dewberries, Loganberries, Raspberries: *Aphids, Rose Scales.* Apply 3 pts. per acre. *Japanese Beetles, Leafhoppers, Mites, Thrips.* Apply 1 1/2 pts. per acre. Do not apply within 1 day of harvest.

Blueberries: *Japanese Beetle.* Apply 1 1/2 pts. per acre. Do not apply within 1 day of harvest.

Broccoli, Brussels Sprouts, Cabbage, Cauliflower, Kale, Mustard Greens: *Aphids.* Apply 1 1/2 to 2 pts. per acre. *Cabbage Loopers, Imported Cabbageworms.* Apply 2 pts. per acre. Do not apply within 3 days of harvest on broccoli, 7 days on brussels sprouts, cabbage, cauliflower, kale, or mustard greens.

Carrots: *Aphids.* Apply 1 1/2 to 2 pts. per acre. Do not apply within 7 days of harvest.

Celery: *Leafhoppers, Aphids, Spider Mites.* Apply 1 1/2 pts. per acre. Do not apply within 7 days of harvest.

Cherries: *Black Cherry Aphids, Fruit Tree Leafrollers.* Apply 1 1/2 pts. per 100 gals. of water. *Bud Moths, Cherry Fruit Flies, Japanese Beetles.* Apply 1 pt. per 100 gals. of water. Do not apply within 3 days of harvest. May injure foliage of some varieties. (12 3/4 pts.)

Citrus (Grapefruit, Kumquats, Lemons, Limes, Oranges, Tangerines, Tangelos): *Black Scale, California Red Scale, Citricola Scale, Purple Scale, Soft Scale, Yellow Scale.* Apply 1 1/2 pts. per 100 gals. of water.

Florida Red and Purple Scales. Apply 2 pts. per 100 gals. of water. *Thrips.* Apply 1 1/2 pts. per 200 gals. of water. Do not apply during full bloom. Do not apply within 7 days of harvest. (40 pts.)

Clover: *Aphids, Grasshoppers, Leafhoppers, Mites.* Apply 1 1/2 to 2 pts. per acre. *Clover Leaf Weevils.* Apply 1 1/2 pts. per acre.

Collards: *Aphids.* Apply 1 1/2 to 2 pts. per acre. *Caterpillars.* Apply 2 pts. per acre. *Harlequin Cabbage Bugs.* Apply 1 pt. per acre. Do not apply within 7 days of harvest.

Corn (Field, Sweet, Pop): *Aphids, Corn Rootworm Adults, Grasshoppers, Sap Beetles, Thrips.* Apply 1 1/2 pts. per acre. *Armyworms, Cereal Leaf Beetles.* Apply 1 1/2 to 2 pts. per acre. Do not apply within 5 days of harvest for grain or forage use. Caution: Injury may occur in the whorl and silk stages.

Cotton: *Aphids, Boll Weevils, Cotton Leaf Perforators, Cotton Leafworms, Leafhoppers, Lygus Bugs (plant bugs), Mites, Thrips, White Flies.* Apply 1 to 2 qts. per acre. *Fall Armyworm, Garden Webworms, Grasshoppers.* Apply 1 1/2 to 3 pts. per acre. No time limitations.

Cowpeas: *Grasshoppers.* Apply 1 1/2 to 2 pts. per acre. No time limitation.

Cucumbers, Melons, Pumpkins, Squash: *Aphids, Pickleworms, Spider Mites, Thrips.* Apply 1 1/2 pts. per acre. *Cucumber Beetle, Squash Vine Borer.* Apply 3 pts. per acre. Do not apply within 1 day of harvest on cucumbers, melons, or squash, 3 days on pumpkins. Do not apply unless plants are dry.

Dandelions: *Aphids.* Apply 1 1/2 to 2 pts. per acre. Do not apply within 7 days of harvest.

Eggplant: *Aphids, Spider Mites.* Apply 1 pt. per acre. *Lace Bug.* Apply 3 pts. per acre. Do not apply within 3 days of harvest.

Endive (Escarole): *Aphids, Mites.* Apply 1 1/2 to 2 pts. per acre. Do not apply within 7 days of harvest.

Figs: *Dried Fruit Beetles, Vinegar Flies.* Apply 2 qts. plus 1 to 2 gals. unsulfurized molasses per 100 gals. of water. Do not apply within 3 days of harvest. (4 pts.)

Filberts: *Apple Mealy Bug, Eye-Spotted Bud Moth, Filbert Aphid, Scale (Crawler Stage), Tingids.* Apply 1 pt. per 100 gals. of water. No time limitation. (4 3/4 pts.)

Garlic: *Aphids, Thrips.* Apply 1 1/2 to 2 pts. per acre. Do not apply within 3 days of harvest.

Grain Sorghum: *Aphids (Greenbugs).* Apply 1 1/2 pts. per acre. Do not apply within 7 days of harvest.

Grapes: *European Fruit Lecanium, Leafhoppers, Mealy Bugs, Spider Mites, Terrapin Scale.* Apply 1 1/2 pts. per acre. *Overwintering Grape Phylloxera.* Apply 2 to 3 pts. per acre. Do not apply within 3 days of harvest. Note: May injure Ribier, Italia, Cardinal and Almeria varieties if applied after clusters appear.

Grass, Grass Hay: *Aphids, Leafhoppers, Grasshoppers.* Apply 1 1/2 to 2 pts. per acre. *Armyworms.* Apply 2 pts. per acre. No time limitation.

Hops: *Aphids, Mites.* Apply 1 pt. per acre. Do not apply within 7 days of harvest.

Honeysuckle: *Aphids.* Apply 1 1/2 to 2 pts. per acre. Do not apply within 7 days of harvest.

Kohlrabi: *Aphids.* Apply 1 to 2 pts. per acre. Do not apply within 7 days of harvest.

Leeks: *Aphids.* Apply 1 to 2 pts. per acre. *Onion Maggot Flies.* Apply 2 1/2 pts. per acre. *Thrips.* Apply 3 pts. per acre. Do not apply within 3 days of harvest.

Lentils: *Cowpea and Pea Aphids.* Apply 1 1/2 pts. per acre. Do not apply within 3 days of harvest.

Lespedeza: *Grasshoppers.* Apply 1 1/2 to 2 pts. per acre. No time limitation.

Lettuce: *Aphids, Leafhoppers.* Apply 2 pts. per acre. *Cabbage Looper.* Apply 3 pts. per acre. Do not apply on head lettuce within 7 days of harvest. 14 days on leaf lettuce.

Lupines: *Grasshoppers.* Apply 1 1/2 to 2 pts. per acre. No time limitation. *Macadamia Nuts: Green Stink Bug.* Apply 1 1/2 pts. per 100 gals. of water. No time limitation. (24 pts.)

Mushrooms: *Mites, Phorid and Sciand Flies.* Apply 2 1/2 pts. per 130 gals. of water per acre or 2 tablespoons per 3 gals. of water per 100 sq. ft. of bed. Do not apply within 1 day of harvest.

Nectarines: *Mites.* Apply 1 to 2 pts. per 100 gals. of water. *Plum Curculio.* Apply 2 pts. per 100 gals. of water. Do not apply within 7 days of harvest. Full coverage spray. For *Plum Curculio*, apply at petal fall and every 10 to 14 days thereafter until control is achieved. (16 pts.)

Oats: *Armyworms.* Apply 2 pts. per acre. *Cereal Leaf Beetle.* Apply 1 to 1 1/2 pts. per acre. *English Grain Aphid, Grasshoppers, Greenbugs.* Apply 1 1/2 pts. per acre. Do not apply within 7 days of harvest.

Okras: *Aphids.* Apply 1 1/2 pts. per acre. *Japanese Beetle.* Apply 2 pts. per acre. Do not apply within 1 day of harvest.

Onions (including Green Onions): *Onion Maggots.* Apply 2 1/2 pts. per acre. *Thrips.* Apply 1 1/2 pts. per acre. Do not apply within 3 days of harvest.

Papayas: *Aphids, Mealy Bugs.* Apply 1 1/2 to 2 pts. per acre. No time limitation.

Parsley: *Aphids.* Apply 1 1/2 to 2 pts. per acre. Do not apply within 21 days of harvest.

Parsnips: *Aphids.* Apply 1 1/2 to 2 pts. per acre. Do not apply within 7 days of harvest.

CYTHON 5 EC
EPA REG. NO. 34704-457

Peaches: *Green Peach Aphid, Black Cherry Aphid, Black Peach Aphid, Rusty Plum Aphid, Japanese Beetle.* Apply 1 pt. per 100 gals. of water. *Cottony Peach Scale, Oriental Fruit Moth, Plum Curculio, Terrapin Scale.* Apply 2 pts. per 100 gals. of water. Do not apply within 7 days of harvest. Full coverage spray. For *Oriental Fruit Moth and Plum Curculio*, apply at petal fall and every 10 to 14 days thereafter until control is achieved. (14 1/2 pts.)

Peanuts: *Leafhoppers, Thrips.* Apply 1 1/2 pts. per acre. No time limitation.

Pears: *Codling Moth, Fruit Tree Leafroller, Plum Curculio, Red-Banded Leafroller.* Apply 2 pts. per 100 gals. of water. *Mealy Bugs, Mites, Pear Psylla.* Apply 1 to 2 pts. per 100 gals. of water. Do not apply within 1 day of harvest. For *Codling Moth and Plum Curculio*, apply at petal fall and every 10 to 14 days thereafter until control is achieved. (24 pts.)

Pears: *Aphids.* Apply 1 1/2 pts. per acre. *Pea Weevil.* Apply 1 1/2 to 2 pts. per acre. Do not apply within 7 days of harvest if vines are used as animal feed and 3 days if vines are not used as animal feed.

Pecans: *Aphids, Mites.* Apply 1 to 2 pts. per 100 gals. of water. No time limitation. (20 pts.)

Peppers: *Aphids.* Apply 1 pt. per acre. *Maggots.* Apply 2 1/2 pts. per acre. Do not apply within 3 days of harvest.

Pineapple: *Mealy Bugs.* Apply 1 gal. per acre. Do not apply within 7 days of harvest.

Plums: *Mealy Plum Aphid.* Apply 1 pt. per 100 gals. of water. Do not apply within 3 days of harvest. (16 pts.)

Potatoes: *Aphids, Leafhoppers, Mealy Bugs.* Apply 1 pt. per acre. *False Chinch Bugs.* Apply 1 1/2 pts. per acre. No time limitation.

Prunes: *Bud Moth, Mealy Plum Aphid.* Apply 1 pt. per 100 gals. of water. Do not apply within 3 days of harvest. Full coverage spray. (16 pts.)

Quince: *Codling Moth, Oriental Fruit Moth, Plum Curculio.* Apply 2 pts. per 100 gals. of water. Apply at petal fall and every 10 to 14 days thereafter until control is achieved. *Forbes Scale.* Apply 1 pt. per 100 gals. of water. *Mites:* Apply 1 to 2 pts. per 100 gals. of water. Do not apply within 3 days of harvest. (24 pts.)

Radishes: *Aphids.* Apply 1 1/2 to 2 pts. per acre. Do not apply within 7 days of harvest.

Rice (grain form): *Rice Leafminer.* Apply 2 1/2 pts. per acre. *Rice Stink Bug.* Apply 1 to 1 1/2 pts. per acre. Do not apply within 7 days of harvest.

Rutabagas: *Aphids.* Apply 1 1/2 pts. per acre.

Rye: *Armyworms.* Apply 2 pts. per acre. *English Grain Aphid, Grasshoppers, Greenbugs.* Apply 1 1/2 pts. per acre. Do not apply within 7 days of harvest.

Safflower: *Aphids, Grasshoppers, Lygus Bugs, Thrips.* Apply 1 1/2 to 2 pts. per acre. Do not apply within 3 days of harvest.

Salsify: *Aphids.* Apply 1 1/2 to 2 pts. per acre. Do not apply within 7 days of harvest.

Shallots: *Aphids, Thrips.* Apply 1 1/2 to 2 pts. per acre. Do not apply within 3 days of harvest.

Soybeans: *Green Cloverworm, Mexican Bean Beetle.* Apply 3 pts. per acre. Do not apply within 7 days of harvest.

Spinach: *Aphids.* Apply 2 pts. per acre. Do not apply within 7 days of harvest.

Strawberries: *Aphids, Spider Mites, Strawberry Root Weevil.* Apply 1 1/2 pts. per acre. *Field Crickets, Lygus Bugs, Spittlebug, Thrips.* Apply 1 1/2 to 3 pts. per acre. *Potatoe Leafhopper, Strawberry Leafroller, White Flies.* Apply 1 1/2 to 2 1/2 pts. per acre. Do not apply within 3 days of harvest.

Sugar Beets: *Aphids:* Apply 1 1/2 to 3 pts. per acre. *Grasshoppers.* Apply 3 pts. per acre. Do not apply within 7 days of harvest if tops are to be used as food or feed. Do not apply within 3 days of harvest if tops are not to be used as feed or food.

Sweet Potatoes: *Leafhoppers.* Apply 1 1/2 to 2 pts. per acre. *Morning Glory Leafminers.* Apply 2 1/2 to 3 pts. per acre. Do not apply within 3 days of harvest.

Swiss Chard: *Aphids.* Apply 1 1/2 to 2 pts. per acre. Do not apply within 7 days of harvest.

Tobacco: *Aphids.* Apply 1 1/2 to 2 1/2 pts. per acre. Use maximum dosage in plant beds. No time limitation.

Tomatoes: *Aphids.* Apply 1 pt. per acre. *Armyworms (California).* Apply 2 3/4 qts. per acre. *Drosophila.* Apply 2 1/2 pts. per acre. *Fruitworms (California).* Apply 2 3/4 qts. per acre. *Spider Mites.* Apply 1 1/2 pts. per acre. Do not apply within 5 days of harvest. (California only—do not apply within 3 days of harvest.)

Turnips: *Aphids, Cabbage Loopers, Imported Cabbageworms.* Apply 1 to 2 pts. per acre. Do not apply within 3 days of harvest.

Vetch: *Omnivorous Leaf Tier, Pea Aphid, Vetch Bruchid.* Apply 1 1/2 to 2 pts. per acre. No time limitation.

Watercress: *Aphids.* Apply 1 1/2 to 2 pts. per acre. Do not apply within 7 days of harvest.

Wheat: *Armyworms.* Apply 2 pts. per acre. *Cereal Leaf Beetles, English Grain Aphids.* Apply 1 to 1 1/2 pts. per acre. *Grasshoppers, Greenbugs.*

Appl, 1 1/2 pts. per acre. Do not apply within 7 days of harvest.

STORED GRAINS

Before new grain goes into storage, a spray made by mixing 1 gal. of this concentrate in 25 gals. of water (1 pt. in 3 1/2 gals.) 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 pt. of the 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 applications, 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 gallon 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 6 1/2 bushels per minute.

NOTICE

PLATTE 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 THIS 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 PLATTE. IN NO CASE SHALL PLATTE 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.

EXCEPT AS EXPRESSLY PROVIDED HEREIN, PLATTE MAKES NO WARRANTIES, GUARANTEES, OR REPRESENTATIONS OF ANY KIND, EITHER EXPRESSED OR IMPLIED, OR BY USAGE OF TRADE, STATUTORY OR OTHERWISE, WITH REGARD TO THE PRODUCT SOLD, INCLUDING, BUT NOT LIMITED TO, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, USE OR ELIGIBILITY OF THE PRODUCT FOR ANY PARTICULAR TRADE USAGE.

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PLATTE CHEMICAL CO.
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