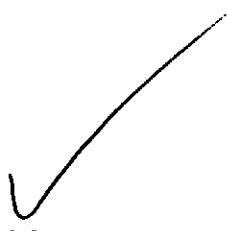


JUL 23 1993

J. Allen Dunlap III
Platte Chemical Company
419 18th Street
P.O. Box 667
Greeley, CO 80632

Dear Mr. Dunlap:

Subject: Adding New Uses
Clean Crop C-O-C-S WDG
EPA Registration No. 34704-326
Your Submission Dated June 11, 1993



The amendment referred to above, submitted in connection with registration under section 3(c)(7)(A) of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), is acceptable provided that you:

1. Submit/cite all data required for registration/-reregistration of your product under FIFRA section 3(c)(5) or 4(a) when the Agency requires all registrants of similar products to submit such data.

2. Submit one (1) copy of your final printed labeling before you release the product for shipment. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6(e). Your release for shipment of the product bearing the amended labeling constitutes acceptance of these conditions.

A stamped copy of the label is enclosed for your records.

0076

This acceptance of your label does not relieve you of your obligation to comply with the Worker Protection Standard (WPS). Under the WPS labeling regulations at 40 CFR Part 156, Subpart K, § 156.200(c)(3), you are prohibited from distributing or selling any product within the scope of the WPS requirements after April 21, 1994, without amended labeling accepted by the Agency.

Sincerely yours,



Cynthia Giles-Parker
Product Manager (22)
Fungicide-Herbicide Branch
Registration Division (H7505C)

) Enclosure



C-O-C-S WDG FUNGICIDE

Jacket

| | |
|-------------------------------------|--------|
| ACTIVE INGREDIENT | By Wt. |
| *Copper expressed as metallic | 50.0% |
| INERT INGREDIENTS | 50.0% |
| TOTAL | |
| | 100.0% |

*From copper orychochloride and basic copper sulfate.

KEEP OUT OF REACH OF CHILDREN CAUTION

See Below For Additional Precautionary Statements
And Directions For Use.
EPA REG. NO. 34704-326
EPA EST. NO. _____
NET WEIGHT _____ POUNDS

32151

EXP03392

PRECAUTIONARY STATEMENTS HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

Harmful if swallowed. Wash thoroughly with soap and water after handling. May cause skin sensitization reactions in certain individuals.

ENVIRONMENTAL HAZARDS

This pesticide is toxic to fish and aquatic organisms. Do not apply directly to water. Drift and runoff from treated areas may be hazardous to fish and aquatic organisms in adjacent aquatic sites. Do not allow rinsate from cleaning of equipment or disposed material to enter surface or ground water.

STATEMENT OF PRACTICAL TREATMENT

If swallowed: Call a physician or Poison Control Center. Drink 1 or 2 glasses of water and induce vomiting by touching back of throat with finger, or if available, by administering syrup of ipecac. Do not induce vomiting or give anything by mouth to an unconscious person.

If in eyes: Flush with plenty of water. Get medical attention if irritation persists.

If on skin: Wash with plenty of soap and water. Get medical attention if irritation persists.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal.

PESTICIDE STORAGE: Keep out of reach of children and animals. Store in original containers only. Store in a cool, dry place and avoid excess heat. Carefully open containers. After partial use, fold and roll back bags, clamp and close tightly. Do not put concentrate or dilute material into food or drink containers. Do not contaminate other pesticides, fertilizers, water, food or feed by storage or disposal.

In case of spill, avoid contact, isolate area and keep out animals and unprotected persons. Confine spills.

To confine spill: If liquid, dike surrounding area or absorb with sand, cat litter or commercial clay. If dry material, cover to prevent dispersal. Place damaged package in a holding container. Identify contents.

PESTICIDE DISPOSAL: Wastes resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

CONTAINER DISPOSAL: Completely empty bag into application equipment. Then dispose of empty bag in a sanitary landfill or by incineration, or, if allowed by State and local authorities, by burning. If burned, stay out of smoke.

REENTRY STATEMENT

Do not apply this product in such a manner as to directly or through drift expose workers or other persons. The area being treated must be vacated by unprotected persons.

Do not enter treated areas without protective clothing until spray have dried.

Protective clothing means, at least, a hat or other suitable head covering, a long sleeved shirt and long-legged trousers or a coverall type garment (all of closely woven fabric covering the body, including the arms and legs), shoes and socks.

Because certain states may require more restrictive reentry intervals for various crops treated with this product, consult your State Department of Agriculture for further information.

Written or oral warnings must be given to workers who are expected to be in a treated area or in an area about to be treated with this product. Inform workers of areas or fields that may not be entered without specific protective clothing, period of time field must be vacated and appropriate actions to take in case of accidental exposure. An example of such information is given under written warnings. When oral warnings are given, warnings shall be given in a language customarily understood by workers. Oral warnings must be given if there is reason to believe that written warnings cannot be understood by workers. Oral warnings must include the same information that is in the written warnings. Written warnings must include the following information:

CAUTION

Area treated with C-O-C-S WDG on (insert date). Do not enter without appropriate protective clothing until sprays have dried (insert State Department of Agriculture's reentry interval if more restrictive).

In case of accidental exposure to pesticide spray or dust, wash the skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse. If in eyes, flush with plenty of water. If inhaled, go to an area where the pesticide has not been applied. Get medical attention if needed.

Do not treat areas while unprotected humans or domestic animals are present in the treatment area.

Do not allow entry into treated areas without protective clothing until sprays have dried.

Consult State regulatory officials to determine State reentry restrictions which apply when more restrictive than those stated on this label.

GENERAL INFORMATION

C-O-C-S WDG is a dry Copper material designed to be used as a spray either alone or in combination with a spreader or sticker. Do not use in undiluted form.

Do not apply this product through any type of irrigation system.

C-O-C-S WDG should not be applied in a spray solution having a pH less than 6.5 or greater than 9.0 as phytotoxicity or loss of effectiveness may occur. Environmental conditions such as extended period of wet weather, acid rain, etc., which alter the pH of the leaf surface may also affect the performance of this product resulting in possible phytotoxicity or loss of effectiveness.

Mixing Instructions: Fill the spray tank one-fourth to one-third full with clean water. Start agitation (proper agitation causes a rippling or rolling action on the liquid surface). Add C-O-C-S WDG at the recommended rate. Mix thoroughly. Add water to fill spray tank. Maintain sufficient agitation during mixing and spraying operations to ensure a uniform spray mixture. Thorough coverage is required. Apply when the disease is reported in the area. Repeat at 7 to 10 day intervals or as required to maintain effective control.

The following instructions are based on general applications. Except as specified begin applications before or at first sign of disease and repeat at 7 to 10 day intervals throughout the growing season to prevent new growth. When a rate range is given, apply higher doses when climatic conditions most favor disease(s).

C-O-C-S WDG FUNGICIDE

EPA REG. NO. 34704-326

ORNAMENTALS

Amounts listed are rates per 100 gallons of water. CAUTION: Application to blooming plants may cause browning of petals. C-O-C-S WDG has demonstrated excellent plant safety; however, not all cultivars have been tested. Before treating a large number of plants of a particular cultivar, treat a few plants and observe prior to full scale applications.

| CULTIVAR | DISEASE | RATE PER 100 GALS. | REMARKS |
|--|---|--------------------|--|
| Azalea | Bud Blight, Twig Blight | 4 lbs. | Begin application when disease is reported in area. |
| Maple | Tar Leaf Spot | 4 lbs. | Safen with 2 pounds hydrated lime per 100 gallons of water. |
| Oak (White)* | Anthracoese | 4 lbs. | Safen with 2 pounds hydrated lime per 100 gallons of water. |
| Pachysandra* | Canker, Leaf Spot, Twig Blight | 3 lbs. | Safen with 3 pounds hydrated lime per 100 gallons of water. |
| Vinca* | Canker, Dieback | 4 lbs. | Begin applications when disease is first reported in area. |
| Sycamore | Sycamore Anthracnose (Sycamore Blight) | 3 lbs. | Begin applications when buds begin to swell. Repeat about 7 to 14 days later at early leaf stage. |
| Flowering Plants* (Dahlias, Nasturtiums, Peonies, Roses) | Botrytis Blight, Leaf Spots, Anthracnose, Botrytis Blight, Black Spot, Leaf Spots, Rust | 2 1/2 lbs. | Begin applications before diseases appear. For Black Spot on roses, begin when leaf buds swell in early spring. Repeat at 7 to 10 day intervals and after rains. |

*Not for use in California

VEGETABLES & FIELD CROPS

C-O-C-S WDG is adapted to most types of spray equipment. Unless otherwise stated, apply the following rates of C-O-C-S WDG: For dilute high volume spray, use a minimum of 25 gallons of water per acre; for concentrate ground sprays apply a minimum of 5 gallons per acre; and for aerial spraying, a minimum of 3 gallons per acre should be applied.

| CROP | DISEASE | RATE PER ACRE | REMARKS |
|---|---|-----------------------------------|--|
| Beans (dry and succulent) | Cercospora Leaf Spot, Bacterial Blight, Anthracnose, Downy Mildew | 2-4 lbs. | Begin application when plants are 5-6 inches high and repeat as needed. |
| Beets (table) | Downy Mildew, Leaf Spot | 3-4 lbs. | Begin applications prior to onset of disease. |
| Brassica Leafy Vegetables (Broccoli, Brussels Sprouts, Cabbage, Cauliflower) | Downy Mildew, Black Rot | 3-4 lbs. | Begin applications after transplants are set in field or after emergence of seedlings. Caution: Reddening of older leaves may occur on Broccoli and flecking may occur on wrapper leaves of cabbage. |
| Carrots | Leaf Blight, Leaf Spot | 2-4 lbs. | Repeat applications are necessary to protect new growth. |
| Celery | Blight, Downy Mildew | 2-4 lbs. | |
| Cucurbits (Cucumbers, Melons, Squash [Summer & Winter], Pumpkins, Watermelon) | Downy Mildew, Leaf Spots, Anthracnose | 2-4 lbs. | Also aids in the control of Bacterial Wilt. |
| Eggplant, Peppers | Downy Mildew, Alternaria, Phytophthora Blight, Anthracnose | 2-4 lbs. | |
| Lettuce (Head and Leaf) | Downy Mildew | 1-3 lbs. | Under adverse weather conditions flecking of wrapper leaves may occur. |
| Onions | Downy Mildew, Purple Blotch | 3-4 lbs. | Apply when plants are 4-6 inches high. If disease infection is severe, increase dosage up to 7 pounds on larger plants. |
| Potatoes | Early Blight, Late Blight | 1 1/2-4 lbs. | |
| Spinach | Downy Mildew, Leaf Spot | 1-3 lbs. | Caution: Leaf flecking may occur under adverse weather condition. |
| Strawberries | Leaf Spot, Bacterial Blight | 2-4 lbs. | Begin applications when plants are established and continue as needed. Apply in a minimum of 100 gallons per acre. Stop applications if any signs of phytotoxicity begin to appear. |
| Sugarbeet | Cercospora Leaf Spot | 2-4 lbs. | May be tank mixed with sulfur to enhance control. |
| Tomatoes | Early Blight, Late Blight, Septoria Leaf Spot, Bacteria Spot | 2-4 lbs. 2-6 lbs. | If Late Blight infection is severe, increase dosage up to 7 pounds on large plants. Apply every 5-7 days after true leaves appear. |
| Vegetable Seedlings | Damping off | 4 lbs./100 gals. or 2 oz./3 gals. | For damping off in cold frames, greenhouses, etc., begin treatment when seedlings emerge. Spray plants and surrounding soil thoroughly but thoroughly. Do not use on cabbage or related seedlings. |
| Wheat, Barley* | Helminthosporium Spot Blotch, Septoria Leaf Blotch | 1-2 lbs. | Make first application at early heading or shortly with second spray 10 days later. |

*Not for use in California

5 of 6

C-O-C-S WDG FUNGICIDE

EPA REG. NO. 34704-326

TREE FRUIT & VINE CROPS

Rates listed are pounds per 100 gallons of water and/or pounds per acre. Unless otherwise noted, C-O-C-S WDG may be applied by air or concentrate applications. For concentrate ground spray, use equivalent rates of C-O-C-S WDG in a minimum of 25 gallons of water per acre. For air application, use equivalent ground rates in a minimum of 10 gallons of water per acre. When used in combination with oil, observe the precautions on the oil label. Spray for thorough coverage at indicated times.

| CROP | DISEASE | RATE OF PRODUCT PER | | REMARKS |
|--|---|---------------------|------------|---|
| | | 100 GALS. | ACRE | |
| Almonds | Coryneum Blight | 4 lbs. | 12-16 lbs. | Apply as a dormant/delayed dormant spray up to bud swell. May be combined with 2 gal. dormant oil per 100 gallons of water. |
| | Coryneum Blight, Brown Rot | 4 lbs. | 12-16 lbs. | Apply pre-bloom and petal fall. |
| Apples | Fireblight* | 2-4 lbs. | | Make one application between silver tip to green tip. (Discontinue at this rate when green tip exceeds 1/2 inch as phytotoxicity may occur. |
| | Fireblight | 1/4 lbs. | 1 lb. | Bloom spray: Use 1/4 pound when 20% of blossoms are open and repeat when 75% are open. |
| | European Canker | 4-5 lbs. | | Apply post harvest in fall of year. Apply as dilute spray. Combine with dormant oil at 1/2 to 1 gallon per 100 gallons of water. |
| Apricots | Coryneum Blight, Brown Rot | 4 lbs. | 5-12 lbs. | For shothole, apply as a dormant spray up to red bud. May be combined with dormant oil at 2 gallons per 100 gallons water or at 3-6 gallons dormant oil per acre concentrate or air. For Brown Rot, apply in pre-blossom, blossom and petal fall periods. |
| Caneberries (Boysenberries, Blackberries, Youngberries, Loganberries, Red and Black Raspberries, Dewberries) | Leaf and Cane Spot, Yellow Rust | 4-6 lbs. | 4-8 lbs. | For Leaf and Cane Spot: Apply when new laterals are leafing out and repeat when flowers begin to open. A post-harvest spray after pruning is also beneficial. Apply in a maximum of 150 gallons per acre. |
| Cherries* | Dead Bud, Brown Rot, Leaf Spot | 4-6 lbs. | 8-12 lbs. | Dead Bud: Apply in fall before heavy rains and again in spring before bud swell. May be combined with 1 pint per 100 gallons water dormant spray oil. Brown Rot and Leaf Spot: Apply in popcorn, bloom and in petal fall periods. |
| Cherries (Tart)* | Cherry Leaf Spot | 1 1/2 lbs. | | Apply as a dilute spray. Combine with 3 pounds hydrated lime per 100 gallons of water to reduce copper injury. |
| Cherries (California) | Brown Rot, Leaf Spot | 4-6 lbs. | 7.5 lbs. | Apply in popcorn, bloom and petal fall periods. |
| Citrus Fruits (Citrus Citron, Grapefruit, Kumquat, Lemons, Limes, Oranges, Tangelos, Tangerines) | Melanose*, Scab*, Greasy Spot* | 1 1/4-2 lbs. | 4-12 lbs. | Apply as pre-bloom and post-bloom sprays. For Melanose and Scab, repeat 4 weeks later. Do not apply after fruit is 3/4 inch in diameter. Do not apply in areas where copper injury is known to occur. |
| | Brown Rot (California and Arizona Only) | 1-2 lbs. | 4-10 lbs. | Begin applications in fall before or just after first rains. In severe Brown Rot season a second application may be necessary. Spray as overall or skirt spray insuring that ground around tree receives spray coverage. Give particular attention to covering fruit. Treat inside as well as outside, spraying trunks and skirts thoroughly. Do not disturb soil after treatment. Apply a minimum of 100 gallons per acre ground concentrate and 20 gallons of water per acre by air. When danger of copper injury is severe, spray mix may be salened by adding 1/3 to 1 pound hydrated lime per 1 pound fungicide. |
| Filberts* | Bacterial Blight | 4 lbs. | 12-16 lbs. | Apply as a post-harvest spray. In seasons of heavy rainfall apply a second spray when 75% of the leaves have dropped. One (1) pint superior type oil per 100 gallons of water may be added. |
| Grapes | Black Rot, Downy Mildew, Powdery Mildew | | 2 lbs. | Mildews: Begin applications at or near bud break. Thoroughly spray both upper and lower leaf surfaces. Repeat as needed. Black Rot: Apply when buds break and repeat when shoots are 10 inches long, when blossoms fall and berries reach the size of a B3 shot. Foliar injury may occur on copper sensitive varieties. Where danger of copper injury is severe, add 4 pounds of hydrated lime in a minimum of 125 gallons of water per acre to salen spray mixture. |

60216

C-O-C-S WDG FUNGICIDE

EPA REG. NO. 34704-326

| CROP | DISEASE | RATE OF PRODUCT PER | | REMARKS |
|----------------------------------|--|---------------------|--------------|---|
| | | 100 GALS. | ACRE | |
| Hops* | Downy Mildew | | 4-6 lbs. | Apply soon after training vines (when growth is approximately 18 inches long) in 100 gallons of water per acre. Apply as a directed spray using adequate spray volume for good coverage. |
| Olives | Olive Leaf Spot | 4 lbs. | | Apply as a full coverage spray after harvest and prior to rainy season. Under heavy disease pressure, a second application may be necessary. |
| Peaches and Nectarines | Bacterial Spot, Peach Blight, Peach Leaf Curl, Brown Rot | 4 lbs. | 12-16 lbs. | For Leaf Curl, Peach Blight and Bacterial Spot: Apply as a dormant spray up to bud swell. May be combined with dormant oil at 2 gallons per 100 gallons of water or at 3-6 gallons dormant oil per acre concentrate or by air. For Brown Rot: Apply in pre-blossom, blossom and petal fall periods. |
| Pears* and Quince* | Fireblight | 2-4 lbs. | | For dormant to bud swell, apply as a full cover spray. Apply at 10 bloom and repeat at 3-5 day intervals until all late bloom is over. |
| | | 1/4-1/2 lb. | 1-2 lbs. | |
| Pears and Quince (In California) | Pseudomonas, Anthracnose | 4 lbs. | 12-20 lbs. | Apply after harvest and before rains fall and again in the dormant to delayed dormant period. Apply in a minimum of 100 gallons per acre by ground and 20 gallons per acre by air. |
| | Fireblight | 1/4-1/2 lb. | 1-1 1/2 lbs. | For Fireblight: Apply at 10 bloom and repeat at 3-5 day intervals until all late bloom is over. |
| | Pear Blight | 4 lbs. | 12 lbs. | For Pear Blight: Apply during bloom and other periods favorable to blight infections. |
| Plums and Prunes | Pseudomonas, Anthracnose | 4 lbs. | 12-20 lbs. | Apply after harvest and before rains fall and again in the dormant to delayed dormant period. Apply in a minimum of 100 gallons per acre by ground and 20 gallons per acre by air. |
| | | 4 lbs. | 12-20 lbs. | |
| Plums and Prunes | Brown Rot, Shot Hole | 4 lbs. | 6-12 lbs. | For Shot Hole: Apply as a dormant spray up to bud swell. May be combined with dormant oil at 2 gallons per 100 gallons water or with 3-6 gallon dormant oil per acre concentrate or by air. For Brown Rot: Apply in pre-blossom, blossom and petal fall periods. |
| | | 4 lbs. | 6-12 lbs. | |
| Walnuts | Walnut Blight | 3-4 lbs. | 12-16 lbs. | Apply in each of the following growth stages: pre-bloom, bloom (1% and 10-20% bloom) and post-bloom. When rain threatens, additional applications made immediately before or after rains are important. |

*Not for use in California

DEALERS SHOULD SELL IN ORIGINAL PACKAGES ONLY.

Terms of Sale or Use: On purchase of this product buyer and user agree to the following conditions:

Warranty: Platte Chemical Co. makes no warranty, express or implied, concerning the use of this product other than indicated on the label. Except as so warranted, the product is sold as is. Buyer and user assume all risk of use and/or handling and/or storage of this material when such use and/or handling and/or storage is contrary to label instructions.

Directions and Recommendations: Follow directions carefully. Timing and method of application, weather and crop conditions, mixture with other chemicals not specifically recommended and other influencing factors in the use of this product are beyond the control of the seller and are assumed by the buyer at his own risk.

Use of Product: Platte Chemical Co.'s recommendations for the use of this product are based upon tests believed to be reliable. The use of this product being beyond the control of the manufacturer, no guarantee, express or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice.

Damages: Buyer's or user's exclusive remedy for damages for breach of warranty or negligence shall be limited to direct damages not exceeding the purchase price paid and shall not include incidental or consequential damages.

ACCEPTED
with COMMENTS
in EPA Letter Dated:

JUL 29 1993

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

34704-326

FORMULATED FOR
PLATTE CHEMICAL CO.
150 SO. MAIN STREET FREMONT, NEBRASKA 68025