

PM 20

551-16

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

AUG 15 1994

LINDA C. WATSON
AGTROL CHEMICAL PRODUCTS
7322 SOUTHWEST FREEWAY
SUITE 1400
HOUSTON, TX 77074

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 06/20/94 in Response to PR Notice 93-7
EPA Reg. No. 55146-16
CHAMPION 20/20

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

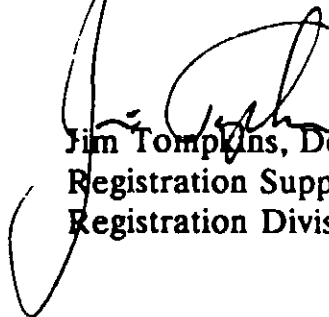
Submit the final printed labeling via the U.S. Postal Service to:

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,



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

Attachment

3 of 5

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

LINDA C. WATSON
AGTROL CHEMICAL PRODUCTS
7322 SOUTHWEST FREEWAY, SUITE 1400
HOUSTON TX 77074

Comment for: EPA Reg Nr.55146-16
CHAMPION 20/20

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

Correct the typographical errors circled on your proposed label.

CHAMPION® 20/20

WETTABLE POWDER AGRICULTURAL FUNGICIDE AND NUTRITIONAL ZINC

KEEP OUT OF REACH OF CHILDREN

DANGER-PELIGRO

SI NO ENTIENDE LA ETIQUETA, BUSQUE A ALGUIEN PARA QUE LE EXPLIQUE A USTED EN DETALLE. (IF YOU DO NOT UNDERSTAND THIS LABEL, FIND SOMEONE TO EXPLAIN IT TO YOU IN DETAIL.)

Active Ingredient	
Copper Hydroxide	30.7%
Inert Ingredients	69.3%
TOTAL:	100.0%

Contains 20% Zinc Equivalent Derived from Basic Zinc Salts (Metallic Copper Equivalent . . . 20%)

EPA Reg. No. 55146-16 Net Contents - 20 lbs.

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 any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 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 of this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 48 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is coveralls, waterproof gloves, shoes plus socks and protective eyewear.

GENERAL INSTRUCTIONS

CHAMPION 20/20 can be used with all types of spraying equipment. No additional surfactants are needed. Add CHAMPION 20/20 to the spray tank followed by any sticker-spreaders, insecticides, nutrients, etc. Observe all cautions and limitations on the label of all products used in mixtures. The volume per acre will differ depending on the specific crop and the equipment used. Use CHAMPION 20/20 as per instructions on this label. When a range of application rates is specified, use the higher application rates when disease incidence is high and middle to lower application rates under normal disease conditions. The specific instructions given on this label are based on general applications and circumstances. The recommendations of the State Agricultural Extension Service should be closely followed as to timing, frequency and number of sprays per season. APPLYING SPRAY MIXTURE: The directions given under each crop are for applying dilute spray mixture unless otherwise shown. The amount of CHAMPION 20/20 applied per acre in concentrate and aerial sprays should be the same as the amount applied per acre in dilute sprays. The required amount should be mixed with enough water to thoroughly cover the crop with spray mixture. The volume of water needed will depend upon the spray equipment used and the size of the crop being sprayed. Read the information below about applying dilute, concentrate and aerial sprays.

APPLYING DILUTE HIGH-VOLUME SPRAYS: On fruit and nut trees, use 250 to 800 gallons per acre. As much as 1500 gallons per acre may be needed for large trees.

APPLYING CONCENTRATE GROUND SPRAYS: On fruit and nut trees, use 25 to 250 gallons per acre.

APPLYING AERIAL SPRAYS: Use 3 to 30 gallons per acre.

CHEMIGATION: Refer to supplemental labeling entitled "Chemigation Supplemental Label for Products bearing the signal word DANGER-PELIGRO" for use directions for chemigation. Do not apply this product through any irrigation system unless supplemental labeling on chemigation is followed.

ALMONDS, *Coryneum Blight & Blossom Brown Rot*. Use 5-7.5 pounds CHAMPION COPPER 20/20 per 100 gallons of water (300-400 GPA) in late dormant before foliage buds swell. If frequent rainfall occurs, a second application should be made during the early bloom stage (popcorn). To avoid plant injury, do not use above rate after full bloom. Bacterial Blast (*Pseudomonas*). Use 7.5-10.0 pounds CHAMPION 20/20 per 100 gallons at dormant to early pink bud. Concentrate: Apply at equivalent rates in approximately 50-100 gallons of water. For blast control in sprinkler irrigated orchards or where disease is severe, apply 2-4 CHAMPION 20/20 sprays at 0.5 pounds per 100 gallons at 2 weeks post bloom intervals or just before sprinkling. Slight leaf injury may occur from post bloom spray.

APRICOTS, *Coryneum Blight (Shot Hole) & Blossom Brown Rot*. Apply at popcorn to full bloom using 5-7.5 pounds per 100 gallons (300-400 GPA). To avoid spray injury, do not apply after bloom.

CITRUS, *Brown Rot & Sooty*. For dilute spray, use 1.75-2.5 pounds per 100 gallons of water (minimum of 10 pounds per acre). May be used in concentrate sprayer equipment or by aerial application at equivalent rates of active ingredients. Begin applications in fall after first rains and before fruit becomes infected. A second application may be required in January or February following periods of heavy rains.

PEACHES & NECTARINES, *Leaf Curl & Coryneum Blight (Shot Hole)*. Dormant application, apply at leaf fall. Dilute: Apply 5-10 pounds per 100 gallons (minimum of 20 lbs/acre). Use 40 pounds per acre when rainfall is very heavy and disease pressure is high. Concentrate: Apply at equivalent rate in approximately 100 gallons of water. May be used with agricultural spray oil. *Brown Rot Blossom Blight*. Apply at 5-7.5 pounds per 100 gallons as a full cover spray at pink bud. (Application at this time also affords some control of Leaf Curl and Coryneum Blight.) Bacterial Spot. Dormant application, apply at 5 pounds per 100 gallons.

PEARS, *Fire Blight*. Apply at 0.6 pound per 100 gallons or 2.5 pounds per acre at 5 day intervals throughout bloom period. *Pseudomonas Blight*. Apply CHAMPION 20/20 before fall rains at a rate of 7.5-10 pounds per 100 gallons (300-400 GPA) and again at dormant before spring growth starts. Excessive dosages may cause fruit russet.

WALNUT, *Walnut Blight*. Apply first spray at early pre-bloom when catkins are partially expanded. Make three applications during bloom and early nutlet stage at 7-10 day intervals. Additional applications may be necessary when frequent rainfall occurs. Dilute: Apply 5 pounds per 100 gallons water (minimum of 20 lbs/acre.) Concentrate: Apply at equivalent rates in 50-100 gallons water per acre. One pint of summer oil emulsion may be added per 100 gallons spray. Do not apply more than 30 pounds per acre per application.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER - PELIGRO

Corrosive - Causes irreversible eye damage. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes or inhale dust. Avoid contact with skin, eyes or clothing. May cause skin sensitization reactions in certain individuals.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear and Dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENT

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(d) (4-6)], 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 PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

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 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.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink promptly a large quantity of milk, egg white, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. Note to Physician: Probable mucosal damage may contraindicate the rise of gastric lavage.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF IN EYES: Flush with copious volumes of water. Get medical attention immediately.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Store in a cool, dry place. PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, 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 Environmental Protection Agency regional office for guidance.

CONTAINER DISPOSAL: Completely empty bag into application equipment. 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.

WARRANTY STATEMENT

AGTROL CHEMICAL PRODUCTS warrants that the product conforms to the chemical description on the label and is reasonably fit for the purposes set forth on the label when used according to directions under normal use conditions. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. This warranty does not extend to the handling or use of this product contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable to seller and buyer assumes all risk of any such use.

BEST AVAILABLE COPY

ACQUITTER
with COMMENTS
in EPA Letter, Dated
AUG 15 1994

Chemigation Supplemental Label For Products Bearing the Signal Word DANGER-PELIGRO

Apply this product only through sprinkler including center pivot, lateral move, and low, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation systems. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness or illegal pesticide residues in the crop can result from non uniform distribution of treated water. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe. For nonpublic water sprinkler chemigation systems, the system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected. For non-public water sprinkler chemigation systems, the irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock. Do not apply when wind speed favors drift beyond the area intended for treatment.

It is recommended that the pesticide supply tank be equipped with a means for continuous agitation either by recirculation or a mechanical agitator. Charge the supply tank with the appropriate amount of water and add the pesticide slowly followed by any sticker-spreaders, insecticides, nutrients, etc. Observe all cautions and limitations on the label of all products used in the mixture. For fixed position irrigation systems such as center pivot, big gun, etc., the pesticide should be applied towards the end of the irrigation period. Exact timing will depend on the desired pesticide application rate and calibration of the system. For moving systems, the pesticide should be applied continuously. In all cases, thorough coverage of the crop should be achieved.

"Posting of areas to be chemigated is required when 1) any part of a treated area is within 300 feet of sensitive areas such as residential areas, labor camps, businesses, day care centers, hospitals, inpatient clinics, nursing homes or any public areas such as schools, parks, playgrounds, or other public facilities not including public roads, or 2) when the chemigated area is open to the public such as golf courses or retail greenhouses."

"Posting must conform to the following requirements. Treated areas shall be posted with signs at all usual points of entry and along likely routes of approach from the listed sensitive areas. When there are no usual points of entry, signs must be posted in the corners of the treated areas and in any other location affording maximum visibility to sensitive areas. The printed side of the sign should face away from the treated area towards the sensitive area. The signs shall be printed in English. Signs must be posted prior to application and must remain posted until foliage has dried and soil surface water has disappeared. Signs may remain in place indefinitely as long as they are composed of materials to prevent deterioration and maintain legibility for the duration of the posting period."

"All words shall consist of letters at least 2 1/2 inches tall, and all letters and the symbol shall be a color which sharply contrasts with their immediate background. At the top of the sign shall be the words KEEP OUT, followed by an octagonal stop sign symbol at least 8 inches in diameter containing the word STOP. Below the symbol shall be the words PESTICIDES IN IRRIGATION WATER."

(This sign is in addition to any sign posted in compliance with the Worker Protection Standard.)



AGTROL CHEMICAL PRODUCTS

A Member of The Philip Brothers Chemicals, Inc. Group of Companies
7322 Southwest Freeway, Suite 1400
Houston, TX 77030
713/993-0111

BEST AVAILABLE COPY



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

AUG 15 1994

LINDA C. WATSON
AGTROL CHEMICAL PRODUCTS
7322 SOUTHWEST FREEWAY
SUITE 1400
HOUSTON, TX 77074

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

Subject: Label Amendment Submission of 06/20/94 in Response to PR Notice 93-7
EPA Reg. No. 55146-16
CHAMPION 20/20

Dear Registrant:

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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

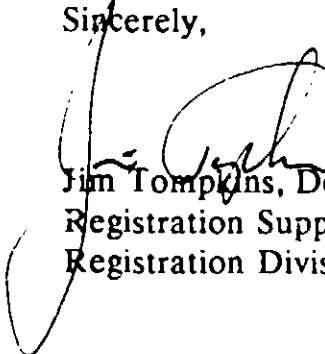
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U.S. Environmental Protection Agency
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Room 266A, Crystal Mall 2
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Arlington, VA 22202

Sincerely,



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

Attachment

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
Office of Pesticide Programs
Registration Division

LINDA C. WATSON
AGTROL CHEMICAL PRODUCTS
7322 SOUTHWEST FREEWAY, SUITE 1400
HOUSTON TX 77074

Comment for: EPA Reg Nr.55146-16
CHAMPION 20/20

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

Correct the typographical errors circled on your proposed label.

CHAMPION® 20/20

WETTABLE POWDER AGRICULTURAL FUNGICIDE AND NUTRITIONAL ZINC

KEEP OUT OF REACH OF CHILDREN

¡DANGER-PELIGRO

NO ENTIENDE LA ETIQUETA, BUSQUE A ALGUIEN PARA QUE LE EXPLIQUE A USTED EN DETALLE. (IF YOU DO NOT UNDERSTAND THIS LABEL, FIND SOMEONE TO EXPLAIN IT TO YOU IN DETAIL.)

Active ingredient	
Copper Hydroxide	30.7%
Other ingredients	69.3%
TOTAL:	100.0%

Contains 20% Zinc Equivalent Derived from Basic Zinc Salts (Metallic Copper Equivalent . . . 20%)

EPA Reg. No. 55146-16 Net Contents - 20 lbs.

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 any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

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GENERAL INSTRUCTIONS

CHAMPION 20/20 can be used with all types of spraying equipment. No additional surfactants are needed. Add CHAMPION 20/20 to the spray tank followed by any sticker-spreaders, insecticides, nutrients, etc. Observe all cautions and limitations on the label of all products used in mixtures. The volume per acre will differ depending on the specific crop and the equipment used. Use CHAMPION 20/20 as per instructions on this label. When a range of application rates is specified, use the higher application rates when disease incidence is high and middle to lower application rates under normal disease conditions. The specific instructions given on this label are based on general applications and circumstances. The recommendations of the State Agricultural Extension Service should be closely followed as to timing, frequency and number of sprays per season. APPLYING SPRAY MIXTURE: The directions given under each crop are for applying dilute spray mixture unless otherwise shown. The amount of CHAMPION 20/20 applied per acre in concentrate and aerial sprays should be the same as the amount applied per acre in dilute sprays. The required amount should be mixed with enough water to thoroughly cover the crop with spray mixture. The volume of water needed will depend upon the spray equipment used and the size of the crop being sprayed. Read the information below about applying dilute, concentrate and aerial sprays.

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APPLYING CONCENTRATE GROUND SPRAYS. On fruit and nut trees, use 25 to 250 gallons per acre.

APPLYING AERIAL SPRAYS. Use 3 to 30 gallons per acre.

CHEMIGATION: Refer to supplemental labeling entitled "Chemigation Supplemental Label for Products bearing the signal word DANGER-PELIGRO" for use directions for chemigation. Do not apply this product through any irrigator system unless supplemental labeling on chemigation is followed.

ALMONDS, Coryneum Blight & Blossom Brown Rot. Use 5-7.5 pounds CHAMPION COPPER 20/20 per 100 gallons of water (300-400 GPA) in late dormant before foliage buds swell. If frequent rainfall occurs, a second application should be made during the early bloom stage (popcorn). To avoid plant injury, do not use above rate after full bloom. Bacterial Blast (Pseudomonas). Use 7.5-10.0 pounds CHAMPION 20/20 per 100 gallons at dormant to early pink bud. Concentrate. Apply at equivalent rates in approximately 50-100 gallons of water. For blast control in sprinkler irrigated orchards or where disease is severe, apply 7.4 CHAMPION 20/20 sprays at 0.5 pounds per 100 gallons at 2 weeks post-bloom intervals or just before sprinkling. Slight leaf injury may occur from post-bloom spray.

APRICOTS, Coryneum Blight (Shot Hole) & Blossom Brown Rot. Apply at popcorn to full bloom using 5-7.5 pounds per 100 gallons (300-400 GPA). To avoid spray injury, do not apply after bloom.

CITRUS, Brown Rot & Septoria. For dilute spray, use 1.75-2.5 pounds per 100 gallons of water (minimum of 10 pounds per acre). May be used in concentrate sprayer equipment or by aerial application at equivalent rates of active ingredients. Begin applications in fall after first rains and before fruit becomes infected. A second application may be required in January or February following periods of heavy rains.

PEACHES & NECTARINES, Leaf Curl & Coryneum Blight (Shot Hole). Dormant application, apply at leaf fall. Dilute: Apply 5-10 pounds per 100 gallons (minimum of 20 lbs/acre). Use 40 pounds per acre when rainfall is very heavy and disease pressure is high. Concentrate: Apply at equivalent rates in approximately 100 gallons of water. May be used with agricultural spray oil. Brown Rot Blossom Blight. Apply at 5-7.5 pounds per 100 gallons as a full cover spray at pink bud. (Application at this time also affords some control of Leaf Curl and Coryneum Blight.) Bacterial Spot. Dormant application, apply at 5 pounds per 100 gallons.

PEARS, Fire Blight. Apply at 0.6 pound per 100 gallons or 2.5 pounds per acre at 5 day intervals throughout bloom period. Pseudomonas Blight. Apply CHAMPION 20/20 before fall rains at a rate of 7.5-10 pounds per 100 gallons (300-400 GPA) and again at dormant before spring growth starts. Excessive dosages may cause fruit russet.

WALNUT, Walnut Blight. Apply first spray at early pre-bloom when catkins are partially expanded. Make three applications during bloom and early nutlet stage at 7-10 day intervals. Additional applications may be necessary when frequent rainfall occurs. Dilute: Apply 5 pounds per 100 gallons water (minimum of 20 lbs/acre.) Concentrate: Apply at equivalent rates in 50-100 gallons water per acre. One pint of summer oil emulsion may be added per 100 gallons spray. Do not apply more than 30 pounds per acre per application.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS DANGER - PELIGRO

Corrosive - Causes irreversible eye damage. May be fatal if inhaled. Harmful if swallowed or absorbed through skin. Do not get in eyes or inhale dust. Avoid contact with skin, eyes or clothing. May cause skin sensitization reactions in certain individuals.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear and dust/mist filtering respirator (MSHA/NIOSH approval number prefix TC-21C).

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS STATEMENT

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240(c) (4-6)], 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 PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

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 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.

STATEMENT OF PRACTICAL TREATMENT

IF SWALLOWED: Drink promptly a large quantity of milk, egg white, gelatin solution, or if these are not available, large quantities of water. Avoid alcohol. Note to Physician: Probable mucosal damage may contraindicate the use of gastric lavage.

IF ON SKIN: Wash with plenty of soap and water. Get medical attention if irritation persists.

IF INHALED: Remove victim to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. Get medical attention.

IF IN EYES: Flush with copious volumes of water. Get medical attention immediately.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal. Store in a cool, dry place. PESTICIDE DISPOSAL: Pesticide wastes are acutely hazardous. Improper disposal of excess pesticide, spray mixture, or mixate 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 Environmental Protection Agency regional office for guidance.

CONTAINER DISPOSAL: Completely empty bag into application equipment. 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.

WARRANTY STATEMENT

AGTROL CHEMICAL PRODUCTS warrants that the product conforms to the chemical description on the label and is reasonably fit for the purposes set forth on the label when used according to directions under normal use conditions. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING A WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE. This warranty does not extend to the handling or use of this product contrary to label instructions or under abnormal conditions or under conditions not reasonably foreseeable to seller and buyer assumes all risk of any such use.

BEST AVAILABLE COPY

ACCUMULATED
FIELD COMMENTS
In EPA Letter Dated

AUG 15 1994
FEDERAL REGISTER
Pesticide Registration Act
Administrative Review
Pesticide
Reg. No.

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Chemigation Supplemental Label For Products Bearing the Signal Word DANGER-PELIGRO

Apply this product only through sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation systems. Do not apply this product through any other type of irrigation system. Crop injury, lack of effectiveness or illegal pesticide residues in the crop can result from non uniform distribution of treated water. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise. If you have questions about calibration, you should contact State Extension Service specialists, equipment manufacturers or other experts.

Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place. Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days out of the year. Chemigation systems connected to public water systems must contain a functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply line upstream from the point of pesticide introduction. As an option to the RPZ, the water from the public water system should be discharged into a reservoir tank prior to pesticide introduction. There shall be a complete physical break (air gap) between the outlet end of the fill pipe and the top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe. For nonpublic water sprinkler chemigation systems, the system must contain a functional checkvalve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops, or in cases where there is no water pump, when the water pressure decreases to the point where pesticide distribution is adversely affected. For non-public water sprinkler chemigation systems, the irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution

is adversely affected. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock. Do not apply when wind speed favors drift beyond the area intended for treatment.

It is recommended that the pesticide supply tank be equipped with a means for continuous agitation either by recirculation or a mechanical agitator. Charge the supply tank with the appropriate amount of water and add the pesticide slowly followed by any sticker-spreaders, insecticides, nutrients, etc. Observe all cautions and limitations on the label of all products used in the mixtures. For fixed position irrigation systems such as center pivot, big gun, etc., the pesticide should be applied towards the end of the irrigation period. Exact timing will depend on the desired pesticide application rate and calibration of the system. For moving systems, the pesticide should be applied continuously. In all cases, thorough coverage of the crop should be achieved.

"Posting of areas to be chemigated is required when 1) any part of a treated area is within 300 feet of sensitive areas such as residential areas, labor camps, businesses, day care centers, hospitals, inpatient clinics, nursing homes or any public areas such as schools, parks, playgrounds, or other public facilities not including public roads, or 2) when the chemigated area is open to the public such as golf courses or retail greenhouses."

"Posting must conform to the following requirements. Treated areas shall be posted with signs at all usual points of entry and along likely routes of approach from the listed sensitive areas. When there are no usual points of entry, signs must be posted in the corners of the treated area and in any other location affording maximum visibility to sensitive areas. The printed side of the sign should face away from the treated area towards the sensitive area. The signs shall be printed in English. Signs must be posted prior to application and must remain posted until foliage has dried and soil surface water has disappeared. Signs may remain in place indefinitely as long as they are composed of materials to prevent deterioration and maintain legibility for the duration of the posting period."

"All words shall consist of letters at least 2 1/2 inches tall, and all letters and the symbol shall be a color which sharply contrasts with their immediate background. At the top of the sign shall be the words KEEP OUT, followed by an octagonal stop sign symbol at least 6 inches in diameter containing the word STOP. Below the symbol shall be the words PESTICIDES IN IRRIGATION WATER."

(This sign is in addition to any sign posted in comply with the Worker Protection Standard.)



AGTROL CHEMICAL PRODUCTS

A Member of The Philip Brothers Chemical, Inc. Group of Companies
7322 Southwest Freeway, Suite 1400
Houston, TX 77030
713/993-0111

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