

SEP 20 1994

Agtrol Chemical Products
c/o Linda C. Watson
Pesticide Regulatory Services
3703 Sedgefield Drive
Valdosta, GA 31602

Gentlemen:

Subject: Revised Labeling
Champion Wettable Powder
EPA Registration No. 55146-1
Your Submission Dated September 7, 1994

The amendment referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), as amended is acceptable provided that you:

1. Make the labeling changes listed below before you release the product for shipment bearing the amended labeling:

- a. In the Spanish language statement correct the spelling of "alguien" and "detalle".
- b. In the Agricultural Use Box correct the spelling of "of" to read "...on this label...". Proof read the label.
- c. Since this product is in Toxicity Category I - DANGER the statement of Practical Treatment must appear on the front panel.

2. Submit one (1) copy of your final printed labeling before you release the product for shipment.

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

Sincerely yours,

/s/

Cynthia Giles-Parker
Product Manager (22)
Fungicide Herbicide Branch
Registration Division (7505C)

Enclosure

2094

CHAMPION[®]

AGRICULTURAL FUNGICIDE

WETTABLE POWDER

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

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

Active Ingredient

Copper Hydroxide 77.0%

Inert Ingredients 23.0%

TOTAL: 100.0%

(Metallic Copper Equivalent 50.0%)

EPA Reg. No. 55146-1

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.

FROST INJURY PROTECTION: Bacterial Ice Nucleation Inhibitor: Application of CHAMPION WETTABLE POWDER made to all crops listed on this label at rates and stages of growth indicated below just prior to anticipated frost conditions will afford control of ice nucleating bacteria (*Pseudomonas Syringae*, *Erwinia Herbicola* and *Pseudomonas Fluorescens*) and may thereafter provide protection against light frost. Use higher rates when bacterial infection is severe. Not recommended in those geographical areas where weather conditions favor severe frost.

GENERAL INSTRUCTIONS

CHAMPION WETTABLE POWDER can be used with all types of spraying equipment. The volume per acre will differ depending on the specific crop and the equipment used. Use CHAMPION WETTABLE POWDER as per instructions on this label.

APPLYING SPRAY MIXTURE: The directions given under each crop are for applying dilute spray mixture unless otherwise shown. The amount of CHAMPION WETTABLE POWDER 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 and is to be applied to the point of "runoff". 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 vegetable crops use 25 to 100 gallons of spray mixture per acre; 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 vegetable crops use 5 to 20 gallons of spray mixture per acre; 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 the supplemental labeling on chemigation is followed. NOTE: IRRIGATION SYSTEMS AND ASSOCIATED PIPING SHOULD BE THOROUGHLY FLUSHED WITH CLEAN WATER FOLLOWING APPLICATION OF COPPER BASED FUNGICIDES. FLUSHING MUST BE DONE IN A MANNER WHICH WILL NOT WASH THE PRODUCT FROM THE FOLIAGE AND REDUCE DISEASE CONTROL.

No additional surfactants are needed unless specified for an individual crop. Add CHAMPION WETTABLE POWDER slowly 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 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.

NOTE: APPLICATION TO PLANT SURFACES SPRAYED WITH AND WHICH HAVE LOW pH CHEMICAL RESIDUE MAY ALSO RESULT IN CROP INJURY.

BERRIES, VINES AND HOPS

BLACKBERRIES, (*Santiams*, *Logans*, *Boysens*, *Marions*, *Auroras*, *Cascades*, *Chehalms* and *Thornless Evergreens*), *Leaf and Cane Spot*. Apply delayed dormant spray after training in spring at 4 pounds per acre. Make fall spray application after harvest. Add 1 quart of crop oil per acre.

BLUEBERRIES, *Bacterial Canker*. Apply at 4 to 8 pounds per acre. Make first application before the Fall rains, preferably the first week in October and a second application four weeks later. (EXCEPT CALIFORNIA)

CRANBERRY, *Fruit Rot*. Apply at 8 pounds per acre beginning in late bloom. One or two additional applications made at 10 to 14 day intervals may be required, depending on disease pressure.

CURRENTS & GOOSEBERRY, *Leaf Spot*. Make three applications at 10 pounds per acre, starting after harvest, before bloom and after petal fall.

GRAPES, *Black Rot*, *Powdery Mildew* and *Downy Mildew*. Apply 2 pounds per acre. Begin application at bud break with additional applications made throughout the season depending upon disease severity. (NOTE: Slight to severe foliage injury may occur in copper-sensitive varieties such as Concord, Delaware, Niagara and Rosette. Either test for sensitivity or add 1-3 pounds of hydrated lime per pound of CHAMPION WETTABLE POWDER.)

HOPS, *Downy Mildew*. Apply 2 pounds per acre as a fungicide crown treatment after pruning, but before training. After training, additional fungicide treatments are needed at about 10 day intervals. NOTE: Discontinue use 2 weeks before harvest.

RASPBERRIES, *Leaf and Cane Spot*. Apply at 4 pounds per acre as a delayed dormant spray after training in the spring. Make a fall application after harvest. (EXCEPT CALIFORNIA)

STRAWBERRIES, *Leaf Spot & Leaf Blight*. Apply 2 to 3 pounds per acre. Begin application when plants are established and continue on a weekly schedule throughout season. NOTE: Discontinue applications if signs of phytotoxicity appear.

FIELD CROPS

ALFALFA, *Cercospora & Leptosphaerulina Leaf Spots*. Apply 2 pounds per acre 10 - 14 days before each harvest or earlier if disease threatens. NOTE: Spray injury may occur with sensitive varieties such as Lahontan.

PEANUTS, *Cercospora Leaf Spot*. Begin spraying 35 - 40 days after planting or when disease symptoms first appear. Apply at 1 1/2 - 3 pounds per acre. Continue applications at 10 - 14 day intervals. One to two quarts of six pounds per gallon flowable sulfur may be added. Reduce spray interval to 7 days during humid weather. Use higher rates when conditions favor disease.

SUGAR BEETS, *Cercospora Leaf Spot*. Start spray when disease threatens and continue for 4 to 5 applications. Spray every 10 - 14 days depending on weather conditions at 2 - 5 pounds per acre depending on disease severity.

WHEAT & BARLEY, *Septoria Leaf Blotch & Helminthosporium Spot Blotch*. Apply 1 1/2 - 2 pounds per acre. Make first application at early heading and follow with second application 10 days later or as necessary. Use higher rates when conditions favor disease.

ORNAMENTALS

LIVE OAK, *Ball Moss* (Texas and Florida). Apply at 6 pounds per 100 gallons

BEST AVAILABLE COPY 1

RECOMMENDED BROADCAST APPLICATIONS		
CROP	SENCOR DF *Lb/Acre	REMARKS
Tomatoes	1/3 to 2/3	PREPLANT INCORPORATED--TRANSPLANT TOMATOES ONLY: Apply specified dosage in 10 or more gallons of water per acre as a broadcast spray to the soil surface immediately before transplanting. Incorporate to a depth of 2 to 4 inches with equipment capable of uniformly mixing the chemical into the soil. This application may be made alone or in a tank mix combination with trifluralin. Refer to the trifluralin label for specific rate of application and for additional precautions and restrictions for tomatoes.
	1/3 to 2/3	POSTEMERGENCE BROADCAST SPRAY--ESTABLISHED TOMATOES: Apply specified dosage in 20 or more gallons of water per acre as a broadcast spray, or apply in 1/4 to 3/4 inch of water (use 1/4 to 1/2 inch of water on sandy soils) per acre as a continuous injection in center pivot and lateral move systems or apply in the last 15 to 30 minutes of set in permanent solid set sprinkler systems. One or more applications may be applied per use season. Allow at least 14 days between applications or severe crop injury may occur. For transplanted tomatoes, do not apply until transplants have recovered from transplant shock and new growth is evident. Do not apply to tomatoes within 24 hours of application of other pesticides. Do not tank mix with other pesticides. (See "Special Precautions" below.)
	2/3 to 1-1/3	POSTEMERGENCE DIRECTED SPRAY--ESTABLISHED TOMATOES: Apply specified dosage in 20 or more gallons of water per acre as a directed spray. One or more applications may be applied per use season. Allow at least 14 days between applications or severe crop injury may occur. Avoid contacting tomato foliage with spray. This method of treatment is recommended for use in fields with a history of severe weed pressure or in fields infested with hard-to-control weeds. For transplanted tomatoes, do not apply until transplants have recovered from transplant shock and new growth is evident. Do not apply to tomatoes within 24 hours of application of other pesticides. (See "Special Precautions" below.) When banding see the appropriate section in the front of this label.
*Use the higher rate in fields with a history of severe weed pressure and for maximum residual weed control.		

SPECIAL PRECAUTIONS (Tomatoes): Do not apply more than a total of 1-1/3 lb SENCOR DF per crop season.

Do not apply the total amount of 1-1/3 lb SENCOR DF within a time span of less than 35 days, except in the case of directed sprays.

Allow at least 14 days between applications, regardless of dosage or method of application or severe crop injury may occur.

Do not apply within 7 days of harvest.

Do not apply within 3 days after periods of cool, wet or cloudy weather, or crop injury will occur.

Do not use hot caps on tomatoes within 7 days before or at any time after application of SENCOR DF. Do not treat seeded tomatoes until plants have reached the 5 to 6 leaf stage or severe crop injury may occur.

Crop injury or delayed maturity may result from broadcast or directed spray applications if tomatoes are growing under stress conditions such as periods of drought or cool, wet and cloudy weather preceding application.

For newly introduced tomato varieties with unknown tolerance to SENCOR, treat only a small area to determine if SENCOR DF can be used without injury to the crop.

DO NOT USE SENCOR DF ON TOMATOES IN KERN COUNTY, CALIFORNIA.

development and repeat at 5-7 day intervals as needed depending on disease severity.

CARROTS, Carrot Blight (*Cercospora*). When disease threatens apply 2 pounds per acre at 7 to 14 day intervals depending on disease severity.

CELERY & CELERIAC, Early, Late & Bacterial Blights. Apply as soon as plants are first established in the field at 2 pounds per acre, then every 5-7 days depending on disease severity and weather.

CUCUMBERS, Angular Leaf Spot & Downy Mildew. Apply weekly once the plants begin to vine. Use at 1 1/2 - 2 pounds per acre.

EGGPLANT, Alternaria Blight, Anthracnose, Phomopsis. Use 2 pounds per acre before disease appears. Repeat at 7 to 10 day intervals. (EXCEPT CALIFORNIA)

ENDIVE, ESCAROLE, Downy Mildew. Apply 1 - 2 lbs. per acre. Begin treatment when disease first appears and repeat every 7-10 days as needed to suppress disease.

GINSENG, Alternaria Leaf & Stem Blight. CHAMPION WETTABLE POWDER may be applied at 2.6 pounds per acre as a tankmix with two pounds Iprodione 50WP in 100 gallons of water per acre. Begin Iprodione-CHAMPION WETTABLE POWDER applications as soon as plants have emerged in spring. Applications should be repeated every seven days until plants become dormant in fall. Apply fungicides at least eight hours before rain, giving the fungicides time to dry on the plants. Use of a spreader-sticker is advised. NOTE: Alternaria Leaf & Stem Blight is most severe in humid conditions such as those found in the dense canopies of two-, three- and four-year old ginseng. Complete and thorough spray coverage is required for control.

LETTUCE, Downy Mildew. Apply 1 - 2 pounds per acre. Begin treatment when disease first appears and repeat every 7 - 10 days as needed to suppress disease.

ONION, Purple Blotch & Downy Mildew. Apply at 2 pounds per acre when plants are 4 to 6 inches high and repeat at 7 to 10 day intervals.

PEAS, Powdery Mildew. Begin spray treatment when disease symptoms first appear. Use 1 1/2 - 3 pounds per acre according to disease severity. Repeat applications at weekly intervals.

PEPPERS, Bacterial Spot. When disease threatens, apply 2 - 3 pounds per acre in sufficient water for adequate coverage at 5 to 10 day intervals depending on disease severity.

POTATOES, Early & Late Blight. Apply at 7 to 10 day intervals starting when plants are 6 inches high. Apply 1 - 1 1/2 pounds per acre in those locations where disease is light and up to 3-4 pounds per acre where disease is severe. **Colorado Potato Beetle, (SUPPRESSION ONLY)** Application of CHAMPION WETTABLE POWDER at rates and timing recommended for control of early and late blight will provide suppression of the Colorado Potato Beetle.

PUMPKIN & SQUASH, Powdery Mildew. Begin application when plants are three weeks old or when first disease symptoms appear. Use at weekly intervals at 1 1/2 - 3 pounds per acre depending on disease severity.

SPINACH, Anthracnose, Cercospora leafspot, Downy Mildew, White Rust. Apply 2 - 4 pounds per acre. Begin treatment when disease first appears and repeat every 7-10 days as needed to suppress disease.

TOMATOES, Early Blight. When disease threatens, apply 2 - 3 pounds per acre at 7 - 10 day intervals, or as necessary. **Bacterial Speck.** Apply at 2 pounds per acre at 10 - 30 day intervals beginning when the disease threatens. Use more frequent applications when disease pressure is high. **Bacterial Spot, Anthracnose, Gray Leaf Mold & Septoria Leaf Spot.** When disease threatens, apply 2 - 4 pounds per acre at 7 - 10 day intervals, more frequently when disease is severe.

WATERMELON, Anthracnose & Downy Mildew. Apply as soon as plants become established and at weekly intervals thereafter. **Anthracnose.** Use at 2 pounds per acre. **Downy Mildew.** Use at 1 1/2 - 3 pounds per acre, according to disease severity.

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 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 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.



AGTROL CHEMICAL PRODUCTS

7322 Southwest Freeway • Suite 1400 • Houston,

ACCEPTED
with COMMENTS
In EPA Letter Dated:

SEP 20 1994

to the Federal Insecticide
Fungicide and Rodenticide Act
Registration No. 55146-1