

PM 22

55146-16

4-27-98

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CHAMPION 20/20

Wettable Powder Agricultural Fungicide and Nutritional Zinc

Active Ingredient:

Copper Hydroxide.....	30.7%
Inert Ingredients.....	69.3%
Total	100.0%

Metallic Copper Equivalent 20%

Metallic Zinc Equivalent 20% Derived from Basic Zinc Salts

ACCEPTED
 APR 27 1998
 Under the Federal Insecticide, Fungicide, and Rodenticide Act, as amended, for the pesticide registered under EPA Reg. No. 55146-16

KEEP OUT OF REACH OF CHILDREN

DANGER - PELIGRO

Si usted no entiende la etiqueta, busque a alguien 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).

STATEMENT OF PRACTICAL TREATMENT

IF IN EYES: Hold eyelids open and flush with water for 15 minutes. Get medical attention.

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

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.

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

NOTE TO PHYSICIAN: Probable mucosal damage may contraindicate use of gastric lavage.

See Side Panel For Additional Precautionary Statements.

Net Contents: lbs.

AGTROL INTERNATIONAL
Houston, Texas, 77074

EPA Reg. No. 55146-16
EPA Est. No.

2010

**PRECAUTIONARY STATEMENTS
HAZARDS TO HUMANS AND DOMESTIC ANIMALS**

DANGER – PELIGRO

Corrosive. Causes irreversible eye damage. Causes skin irritation. Harmful if swallowed, absorbed through the skin or inhaled. May cause skin sensitization reactions in certain individuals. Avoid contact with the skin, eyes, or clothing. Avoid breathing dust.

PERSONAL PROTECTIVE EQUIPMENT

Applicators and other handlers must wear: Long-sleeved shirt and long pants, waterproof gloves, shoes plus socks, protective eyewear.

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

This pesticide is toxic to fish and aquatic organisms. Do not apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high water mark. 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. Do not contaminate water by disposal of equipment washwaters.

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 requirement 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 on 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 24 hours.

For at least 7 days following application an eye-flush container, designed specifically for flushing eyes, must be available at the WPS decontamination site for workers entering the area treated with copper hydroxide.

Notify workers of the application by warning them orally that residues in the treated areas may be highly irritating to their eyes and to take precautions such as refraining from rubbing their eyes and if they get residues in their eyes, they should immediately flush their eyes using the eye-flush container.

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.

NON-AGRICULTURAL USE REQUIREMENTS

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.

Do not enter treated area until sprays have dried.

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 EPA Regional Office for guidance.

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.

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GENERAL INSTRUCTIONS

The following directions for use are based on general applications. The recommendations of State Agricultural Extension Services should be closely followed as to timing, frequency and number of sprays per season. CHAMPION 20/20 is adaptable to spraying from aircraft and ground spraying equipment. Depending upon the equipment used and the specific crop, the volume applied per acre will differ. Refer to recommended volume table below.

Minimum Recommended Spray Volume (Gallons) Per Acre When Applying CHAMPION 20/20

	Aerial	Ground	
		Dilute	Concentrate
Citrus	10	800	100 (50 Florida)
Tree Crops	10	400	50
Vegetables	3	20	—

This product may be reactive on metal and masonry surfaces such as galvanized roofing. Avoid contact with metal surfaces. Do not spray on cars, houses, lawn furniture etc.

Agricultural chemicals may perform in an unpredictable manner when tank mixed, especially where several products are involved. Reduced effectiveness or crop injury may occur. Unless recommended on this label or by a state/local expert, it is advisable to test for compatibility and tolerance to crop injury prior to full-scale commercial utilization of a new tank mix or tank mixing should not be undertaken.

GENERAL CHEMIGATION INSTRUCTIONS

Apply this product only through one or more of the following types of systems: sprinkler including center pivot, lateral move, end tow, disc (wheel) rolled, traveler, big gun, solid set, or hand move irrigation system(s). Do not apply this product through any other type of irrigation system.

Shut off injection equipment after treatment and continue to operate irrigation system until CHAMPION 20/20 has been cleared from the last sprinkler head.

Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non uniform distribution of treated water.

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.

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.

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, in-patient 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 location affording maximum visibility to sensitive areas. The printed side of the sign should face away from the treated area towards to 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 2½ 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 to comply with the Worker Protection Standard.

CHEMIGATION SYSTEMS CONNECTED TO PUBLIC WATER SYSTEMS

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 the 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.

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 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.

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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.

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.

When mixing, fill nurse tank half full with water. Add Champion 20/20 slowly to tank while hydraulic or mechanical agitation is operating and continue filling with water. Stickers, spreaders, insecticides, nutrients, etc. should be added last. If compatibility is in questions, use the compatibility jar test before mixing a whole tank. Because of the wide variety of possible combinations which can be encountered, observe all cautions and limitations on the label of all products used in mixtures.

Champion 20/20 should be added through a traveling irrigation system continuously or at the last 30 minutes of solid set or hand moved irrigation systems. Agitation is recommended.

SPRINKLER CHEMIGATION

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.

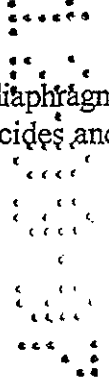
The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically 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.

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.



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When mixing, fill nurse tank half full with water. Add Champion 20/20 slowly to tank while hydraulic or mechanical agitation is operating and continue filling with water. Stickers, spreaders, insecticides, nutrients, etc. should be added last. If compatibility is in questions, use the compatibility jar test before mixing a whole tank. Because of the wide variety of possible combinations which can be encountered, observe all cautions and limitations on the label of all products used in mixtures.

Champion 20/20 should be added through a traveling irrigation system continuously or at the last 30 minutes of solid set or had moved irrigation systems. Agitation is recommended.

CROP CLASSIFICATION

CITRUS: Grapefruit, Lemon, Lime, Orange, Tangelo, and Tangerine

TREE CROPS: Almond, Apricots, Peach, Pear, Nectarine, Walnut

VEGETABLES: Celery

Champion 20/20 may be applied as an aerial, ground dilute or ground concentrate spray unless specifically directed otherwise by crop.

When selecting a use rate for Champion 20/20 do not apply less than the label recommended minimum amount. Under heavy disease pressure or when conditions favor such, use the higher rate and shorter spray intervals specified for each crop. In addition, use the higher rates for large mature tree crops.

The per acre use rate of Champion 20/20 is applicable for both dilute and concentrate spraying. Consult the Champion 20/20 label for specific rates and timing of application by crop.

Complete spray coverage is essential to assure optimum performance from Champion 20/20. When treating on a concentrate basis or by aerial application, unless you have had specific previous experience, it is advisable to test for compatibility and tolerance to crop injury prior to full scale commercial utilization.

While volume is important in obtaining full spray coverage, often factors such as foliage density, environmental conditions and spray calibrations, have a greater impact. Always be sure that sprayers are calibrated to spray equipment manufacturer's specifications and environmental conditions are within those recommended by State and local regulatory authorities.

When mixing, fill spray tank one-half full with water. Add Champion 20/20 slowly to tank while hydraulic or mechanical agitation is operating and continue filling with water. Spreaders, stickers, insecticides, nutrients, etc. should be added last. If compatibility is in question, use the compatibility jar test before mixing a whole tank (call (713)995-0111) for a Technical Service Bulletin detailing the "jar test").

NOTE: Champion 20/20 should not be applied in a spray solution having a pH of less than 6.5 as phytotoxicity may occur.

Environmental conditions such as extended periods of wet weather, acid rain, etc. which alter the pH of the leaf surface may affect the performance of Champion 20/20 resulting in possible phytotoxicity or loss of effectiveness.

The following specific instructions are based on general application procedures. The recommendations of the State Agricultural Extension Service should be closely followed as to timing, frequency, and number of sprays per season.

CITRUS

CROP	DISEASE	RATE/ACRE	USE INSTRUCTIONS
Citrus	Brown Rot & Septoria	10-25 lbs.	Use as a dilute, concentrate or aerial spray. 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. Use the high rate when rainfall is heavy and/or disease pressure is high.

TREE CROPS

CROP	DISEASE	RATE/ACRE	USE DIRECTIONS
Almonds	Coryneum Blight & Blossom Brown Rot	15-30 lbs.	Dormant Application: Apply before foliage buds begin to swell. Use high rate when rainfall is heavy and/or disease pressure is high. Early Bloom (popcorn) Application: Apply before full bloom. Use high rate when rainfall is heavy and/or disease pressure is high.
	Bacteria Blast (Pseudomonas)	30-40 lbs.	NOTE: To avoid plant injury, do not use after full bloom. Use at dormant to early pink bud.

Apricots Coryneum 15-30
 Blight (Shot lbs.
 Hole) &
 Blossom Brown
 Rot

Apply at popcorn to full bloom.
 NOTE: To avoid spray injury, do not
 apply after bloom. Use the high rate
 when rainfall is heavy and/or disease
 pressure is high.

Peaches & Leaf Curl &
 Nectarines Coryneum 20-40
 Blight (Shot lbs.
 Hole)

Dilute Dormant Application: Apply at
 leaf fall. Use the high rate when rainfall
 is heavy and/or disease pressure is high.

Concentrate Dormant Application:
 Apply at leaf fall. Use the high rate
 when rainfall is heavy and/or disease
 pressure is high. May be used with
 agricultural spray oil.

Brown Rot 15-30
 Blossom lbs
 Blight

Use as a full cover spray at pink bud.
 Use the high rate when rainfall is heavy
 and/or disease pressure is high.

NOTE: Application to trees in stages of
 development beyond pink bud will
 result in injury.

Bacterial 15 lbs..
 Spot

Dormant Application.

Pears Fire Blight 2.5
 lbs.

Apply at 5 day intervals throughout
 bloom period

Pseudomonas 22.5-
 Blight 40
 lbs.

Apply before fall rains and again while
 dormant and before spring growth starts.
 Excessive dosages may cause fruit
 russet. Use the high rate when rainfall
 is heavy and/or disease pressure is high.

Walnut Walnut Blight 20 lbs.

Dilute: Apply first spray at early pre-
 bloom when catkins are partially
 expended. Make three additional
 applications during bloom and early
 nutlet stage at 7-10 day intervals.
 Additional applications may be
 necessary when frequent rainfall occurs.
 Use the high rate when rainfall is heavy

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and/or disease pressure is high.

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. Use the high rate when rainfall is heavy and/or disease pressure is high.

VEGETABLE

CROP	DISEASE	RATE/ACRE	USE DIRECTIONS
Celery	Early Blight, Late Blight, Bacterial Blight	5 lbs.	Begin applications as soon as plants are established in the field, repeating at 5-7 day intervals depending on disease severity and environmental conditions.

WARRANTY STATEMENT

AGTROL INTERNATIONAL 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.

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