ACTIVE INGREDIENT:
Copper Hydroxide*† .......................................................... 77.0%
Other Ingredients:............................................................ 23.0%
Total:........................................................................... 100.0%

*Metallic Copper (Cu*) Equivalent. 50.1% by weight
† CAS No. 20427-59-2

STORAGE AND DISPOSAL
Store in a cool, dry place in original container.

PESTICIDE OR ENVIRONMENTAL HAZARDS
This pesticide is toxic to fish and aquatic invertebrates and may contaminate water through runoff. This product has a potential for runoff for several months or more after application. Poorly draining soils and soils with shallow water tables are more prone to produce runoff that contains this product. Drift and runoff may be hazardous to aquatic organisms in water adjacent to treated areas.

Do not apply directly to water, 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 or rinsate.

Tip-Over Hazard
To avoid risk of tip-over, ensure that this container is used on a stable and level surface. Do not use on an elevated platform or structure.

HAZARDS TO HUMANS AND DOMESTIC ANIMALS
Do not contaminate water, food or feed by storage or disposal.

This product is not for use in or around water where food is grown, prepared, or stored unless otherwise noted.

Do not contaminate water when disposing of equipment washwaters or rinsate.
Kocide HCu

Kocide HCu is a proprietary formulation containing 77.0% Copper Hydroxide 

DIRECTIONS FOR USE

1. Dilution Concentrate: Mix 100 gallons of water with 1 to 12 pounds of Kocide HCu. Apply 4 gallons of suspension as a drench on the lower trunk area of the tree. Apply also to bare ground one foot beyond skirt. Make a minimum of one application of the chosen rate at the recommended intervals. This disease control product is effective on a wide range of pathogenic fungi and is the same product used in the greenhouse for pest control. Apply with care under windy conditions to avoid drift to non-target areas.

2. Aerial Dilute Concentrate: Mix 1 gallon of water with 1 to 12 pounds of Kocide HCu. Make fall applications after harvest. Apply delayed dormant spray after training in the spring. If needed, apply one or two additional applications at 7 to 14 day intervals if needed depending on environmental conditions. Use the higher rates for more effective control.

NOTE: The 48 hour restricted entry interval (REI) may be reduced to 24 hours, provided that all equipment (PPE) and restricted-entry interval (REI). The requirements in this box only apply to the active ingredient in this product. Use the higher rates when conditions favor disease.

WASHING INSTRUCTIONS FOR CLEANING/Maintaining PPE. If no such instructions for washables exist, follow the manufacturer’s instructions for cleaning the specific PPE. If the specific PPE is not washable, throw away the specific PPE and put on clean clothing.

FRONT INJURY PROTECTION

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NOTE:

RATE/ACRE

2 lb. 10.6 lb. Begin applications as soon as plants are first established in the field, repeating at 7 day intervals if needed. Use the higher rates when conditions favor disease.

3 lb. 16.8 lb. Begin spray program before the onset of long rainy periods and continue throughout the rainy season. Use the higher rates when conditions favor disease.

5 lb. 25.1 lb. Mix at a 1 pound to 0.5 to 1 gallon of water ratio, “Tre-Hold” or latex paint. Paint trunks of trees from the soil surface to the first branch. Apply also to bare ground one foot beyond skirt. Make first application before winter rains begin. A second application in early spring should be made before full bloom. Minimum retreatment interval is 7 days.

7 lb. 31.9 lb. Kocide HCu may be mixed with dry foliar nutritionals (micronutrients) to create “Shot Bag” mixes to meet the various nutritional requirements of citrus and provide disease protection.

14 lb. 63.8 lb. 1 lb. Mix at a 1 pound to 0.5 to 1 gallon of water ratio, “Tre-Hold” or latex paint. Paint trunks of trees from the soil surface to the first branch. Apply also to bare ground one foot beyond skirt. Use the higher rates and shorter intervals if the disease pressure is high.

SUGGESTED USES

SMALL FRUITS

Cabbage, Cantaloupe, Carrot, Cauliflower, Celeriac, Celery, Cucumber, Eggplant, Greens, Quince and Walnut.

LARGE FRUITS

Strawberry.

CROPPROTECTION

Field Crops 3 20 3

Aerial D ilute Concentrate

CROP CLASSIFICATION

Vegetables, Fruits, Trees, Turf, Ornamentals, Greenhouse, Shadehouse, Greenhouses, and shadehouses to control diseases on any crop on this label where effective. Use the higher rates for more effective control.

PRODUCT RESTRICTIONS

Crops or when conditions favor disease development. Apply at 7 to 10 day intervals if needed. The critical time for spraying to control this disease is just before, or at, the time sprays around rain events and temperature. Make a minimum of one application to prevent damage.

Minimum retreatment interval is 7 days.

PRODUCT INSTRUCTIONS

KOCIDE® HCu may be mixed with dry foliar nutritionals (micronutrients) to create “Shot Bag” mixes to meet the various nutritional requirements of citrus and provide disease protection.

FIELD CROPS

Kocide HCu is a systemic fungicide for control of important diseases on field crops.
Pseudotsuga menziesii
Bacterial Blast, Brown Rot, Fire Blight

Pyrus calleryana
Anthracnose, Leaf Blight

Cotoneaster
Anthracnose, Botrytis Blight

Dianthus
Alternaria Blight, Anthracnose, Phomopsis Fire Blight
Alternaria Twig Blight, Cercospora Leaf Blight

Viola

Magnolia grandiflora
Bacterial Blast, Brown Rot, Fire Blight

Quercus laurifolia

Papaya Anthracnose
4 – 5 lb. 42.4 lb. Apply before disease appears. Apply at 7 day intervals if needed. The addition of an approved one for sensitivity to KOCIDE® HCu. Neither the manufacturer nor seller has determined whether or not KOCIDE® HCu can be safely used on ornamental or nursery plants not listed on this label. The user must determine if KOCIDE® HCu can be used safely prior to commercial use. In a small area, apply the specified rates to the plants in question, i.e., growth and repeat at 7 to 30 day intervals if needed. Use the higher rates when disease pressure is severe or when environmental conditions favor disease development. Maximum

Spinach Anthracnose, Blue Spot, Downy Mildew*

Canna

Begonia semperflorens spp.

Pelargonium

Dactylopus spherularis

Fungal Leaf Spots

Pesticide Storage:
Store in a cool, dry place in original container.

Pesticide Application Systems:
The system must contain functional, reduced-pressure zone, backflow preventer (RPZ) or the functional equivalent in the water supply system. 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 system. When using ground-based systems, ensure that the equipment used is compatible with the types of pesticides applied, and that it can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

Combination Systems Connected to Fixed Drip Systems:
Apply this product only through one or more of the following types of systems: sprinkler, including center pivot, lateral move, traveler, big gun, or plastic pipe solid set system(s) which can influence pesticide drift. The applicator must evaluate all factors and make appropriate adjustments when applying this product.

MINIMUM HANDLING TIMES

Spinach Anthracnose, Blue Spot, Downy Mildew*:
3 – 4.2 lb. 16.8 lb. Apply when conditions favor disease development. Repeat on 14 to 30 day schedule if needed as 2.1 lb. 10.5 lb. Use as a tank mix with the appropriate amount of a product containing the active ingredient iprodione 4.2 lb. 12.6 lb. Apply in 200 gallons of water per acre. Make applications on a monthly basis.

Minimum retreatment interval is 14 days.
Apply in sufficient water for thorough coverage.
Minimum retreatment interval is 7 days.
Apply in sufficient water for thorough coverage.
Minimum retreatment interval is 7 days.
Apply in sufficient water for thorough coverage.