



**HYDRO  
WORXX®**



# DISEASE CONTROL CONCENTRATE

**Controls powdery mildew & other listed diseases**

- Use up to day of harvest
- Protects buds and flowers

NET 1 GAL. (128 FL. OZ./3.79 L)

**KEEP OUT OF  
REACH OF CHILDREN**

**CAUTION**

SEE BACK BOOKLET FOR ADDITIONAL  
PRECAUTIONARY STATEMENTS

**ACTIVE INGREDIENT:**

Copper Octanoate (Copper Soap).....2.4%

CAS Reg. No. 20543-04-8

Other Ingredients.....97.6%

Total.....100.0%

metallic copper equivalent 0.4%

one gallon contains 0.034 lbs. metallic  
copper equivalent



# HYDROWORXX<sup>®</sup>

## DISEASE CONTROL

### CONCENTRATE

- For Organic Gardening
- Used to control a wide range of listed plant diseases: powdery mildew, rusts, blackspot, leaf & fruit spot, downy mildew, fruit rot, late blight.
- Dormant and growing season liquid copper fungicide.

(See booklet for directions for use and additional precautions.)

FIRST AID	
IF IN EYES	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.</li><li>• Call a poison control center or doctor for treatment advice.</li></ul>
IF ON SKIN OR CLOTHING	<ul style="list-style-type: none"><li>• Take off contaminated clothing.</li><li>• Rinse skin immediately with plenty of water for 15-20 minutes.</li><li>• Call a poison control center or doctor immediately for treatment advice.</li></ul>
IF SWALLOWED	<ul style="list-style-type: none"><li>• Call a poison control center or doctor immediately for treatment advice.</li><li>• Have person sip a glass of water if able to swallow.</li><li>• Do not induce vomiting unless told to by a poison control center or doctor.</li><li>• Do not give anything by mouth to an unconscious person.</li></ul>
Have the product container or label with you when calling a poison control center or doctor or going for treatment. For emergency information concerning this product, call the poison control center at 1-800-222-1222.	



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EPA Reg. No. 67702-39  
EPA Est. No. 48498-CA-1  
US Patent No. 5,246,716



## DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling. Read and follow all applicable directions and precautions on this label before using. Do not allow adults, children or pets to enter the treated area until sprays have dried. Do not apply this product in a way that will contact adults, children or pets, either directly or through drift.

## Application Directions

Shake container well before use. Mix 2.6-10.7 fl. oz. of HydroWorxx™ Disease Control Concentrate in a gallon of water. Use the lower rate as a preventative spray or for low disease pressure. Use the higher rate for high disease pressure. Spray all plant parts thoroughly (top and bottom of leaves) just before the point of drip. Do NOT apply more than 24 fl. oz. concentrate per 1000 sq. ft. per application or more than 170 fl. oz. concentrate per 1000 sq. ft. per year.

Outdoor use: Apply as soon as disease appears, or as a preventive spray 2 weeks before disease normally appears, or when weather forecasts predict a long period of wet weather. If possible, time applications so that at least 12 hours of dry weather follows application. Repeat as needed, following the application directions and reapplication intervals in the table below:

Greenhouse and hydroponic use: Apply as soon as disease appears or as a preventive spray 2 weeks before disease normally appears. Apply as a foliar spray only. Do not apply directly to the water in hydroponic growing systems. Discarded water from hydroponic growing systems may be used in greenhouses and to water indoor and outdoor container plants and garden areas. Water from these systems is prohibited from being discarded directly into a water source.

## PRECAUTIONARY STATEMENTS KEEP OUT OF REACH OF CHILDREN CAUTION

**HAZARDS TO HUMANS AND DOMESTIC ANIMALS: CAUTION.** Harmful if swallowed or absorbed through skin. Causes moderate eye irritation. Avoid contact with skin, eyes or clothing. Wash hands thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet. Remove and wash contaminated clothing before reuse.

## Specific Plant Application Directions

	CROP	REAPPLICATION INTERVAL AND APPLICATION NOTES
FRUIT AND NUT TREES, BERRIES AND VINES	Almonds	Do not reapply within five days in the growing season. Do not reapply within 7 days in the dormant season.
	Blueberry, Citrus, Walnut, Blackberry, Raspberry, Strawberry	<ul style="list-style-type: none"><li>• Do not reapply within 7 days.</li><li>• On strawberries, spray 1 month after planting or before flowering on established plants.</li><li>• For citrus, apply 1-3 weeks after petal fall. Repeat every 2 weeks if necessary until the fruit is 3 inches in diameter. Use caution as copper may cause phytotoxicity under some conditions. Do not mix with other products on citrus.</li></ul>
	Hazelnut (Filbert)	Do not reapply within 14 days.
	Pome Fruit (Apple, Pear, Quince)	<ul style="list-style-type: none"><li>• Do not reapply within five days in the growing season. Do not apply more than once in the dormant season.</li><li>• For fireblight control, apply this product in the dormant period, during bloom, or growing season. Use caution in applications after blossom drop; copper may cause russetting of susceptible apple varieties.</li></ul>
	Stone Fruit (Apricot, Cherry, Nectarine, Peach, Plum, Prune)	<ul style="list-style-type: none"><li>• Do not reapply within five days in the growing season. Do not reapply within 7 days in dormant season. Do not apply more than six times in the growing season.</li><li>• For bacterial canker, apply in fall and at late dormant, as buds begin to swell. Repeat at the bud burst stage and weekly thereafter as needed.</li><li>• For blossom brown rot, apply at delayed dormant (bud swell), popcorn, full bloom, and petal fall stages. Do not apply to peaches/nectarines at or after full bloom.</li><li>• For Coryneum blight (shot hole) and peach leaf curl, apply as a dormant spray in late fall to before bud break.</li></ul>
	Currant, Gooseberry, Hops	Do not reapply within 10 days.
	Grapes	Do not reapply within 3 days. Do not mix this product with lime. Certain Vinifera/French Hybrid varieties are sensitive to copper resulting in marginal leaf burn.
	Kiwi	Do not reapply within 30 days.
	Melons (Cantaloupe, Citron Melon, Honeydew, Muskmelon, Watermelon)	Do not reapply within 5 days.
	Tomato, Pepper	Do not reapply within 3 days.
VEGETABLES	Artichoke, Bean, Carrot, Celery, Chard, Corn, Crucifer Crops (Broccoli, Brussel Sprouts, Cabbage Cauliflower, Kale, Kohlrabi, Mustard Greens), Garlic, Pea, Eggplant, Leek, Onion, Shallot, Spinach	Do not reapply within 7 days.
	Beet, Rutabaga, Turnip	Do not reapply within 10 days.
	Cucurbits (Cucumbers, Zucchini, Pumpkin, Squash), Lettuce, Potatoes	<ul style="list-style-type: none"><li>• Do not reapply within 5 days.</li><li>• Use caution on lettuce, as some varieties are copper sensitive.</li></ul>
HERBS	Basil	Do not reapply within 10 days.
	Coriander, Mint, Parsley, Rosemary	Do not reapply within 10 days.
	Chives, Dill	Do not reapply within 7 days.
ORNAMENTALS TURF	Tobacco	Do not reapply within 10 days.
	Avocado*	Apply when blossom buds open. Repeat application every 14-30 days intervals if needed.
		Do not reapply within 10 days. Mix 6.7 to 26.7 fluid ounces with 2.5 gallons of water and apply to 1,000 sq. ft every 10 days.
		<ul style="list-style-type: none"><li>• Do not reapply within 7 days.</li><li>• Pine: Apply when new needles are just emerging.</li><li>• Roses: In damp, cool conditions (below 60°F), phytotoxicity is likely to occur.</li><li>• Sycamore: Make first application before buds begin to swell and repeat twice, at 7-day intervals.</li></ul>

\*Not for use in California.



This product controls the following diseases: *Alternaria* blight, *Anthracnose* leaf and fruit spot, *Ascochyta* leaf and pod spot, Bacterial blights (halo, common and brown spot), Downy mildew, Bud Rot\*, Bacterial Blast\*, Monilinia fruit and blossom rot\*, Gray mold (*Botrytis*), Powdery mildew, White mold (*Sclerotinia*), *Cercospora* leaf spot and blight (earlyblight), White rust, Powdery Mildew, *Alternaria* leaf blight and brown spot, *Septoria* (late) blight, Melanose spot, greasy spot, citrus scab, citrus canker, *Phytophthora* brown rot, Southern corn leaf blight, Stalk rot, Stewart's wilt, Angular leaf spot, Scab, *Ulocladium* leaf spot, *Phyllosticta*, Neck rot (*Botrytis*), Bacterial soft rot, Bacterial leaf scorch, Cedar Apple Rust, Fireblight, Sooty Blotch, Flyspeck, Quince Rust, Mucor fruit rot, Rhizopus fruit rot, Bacterial canker (*Pseudomonas syringae*), Brown rot, blossom blight, Bacterial leaf spot, *Mycosphaerella* leaf spot, *Phoropsis* leaf blight, blackspot, rusts, *Rhizoctonia* blight, *Colletotrichum* needle blight, needle blight, tip blight, *Entomosporium* leaf spot, dollar spot.

\*Not for use in California

#### Application Notes and Use Restrictions:

Note: This product may cause some copper toxicity on sensitive plant species, such as some rose or grape varieties. Before spraying a specific plant species, consult your State Experiment Station or make a test spray. Copper toxicity appears as purple spots on the leaves.

## KEEP OUT OF REACH OF CHILDREN CAUTION

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#### ENVIRONMENTAL HAZARDS

This product 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. To protect the environment, do not allow pesticide to enter or run off into storm drains, drainage ditches, gutters or surface waters. Applying this product in calm weather when rain is not predicted for the next 24 hours will help to ensure that wind or rain does not blow or wash pesticide off the treatment area.

Rinsing application equipment over the treated area will help avoid run off to water bodies or drainage systems. Do not contaminate water when disposing of equipment wash water or rinsate. Do not apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark.

#### NOTICE TO BUYER

Seller warrants that this product conforms to the chemical description on this label and is reasonably fit for purposes stated on this label only when used in accordance with directions under normal use conditions. This warranty does not extend to use of this product contrary to label directions, or under abnormal use conditions, or under conditions not reasonably foreseeable to seller. To the extent consistent with applicable law, buyer assumes all risk of any such use. Seller makes no other warranties, either expressed or implied.

#### FIRST AID

##### IF IN EYES

- Hold eye open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
- Call a poison control center or doctor for treatment advice.

##### IF ON SKIN OR CLOTHING

- Take off contaminated clothing.
- Rinse skin immediately with plenty of water for 15-20 minutes.
- Call a poison control center or doctor immediately for treatment advice.

##### IF SWALLOWED

- Call a poison control center or doctor immediately for treatment advice.
- Have person sip a glass of water if able to swallow.
- Do not induce vomiting unless told to by a poison control center or doctor.
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#### STORAGE AND DISPOSAL

**PESTICIDE STORAGE:** Store in a secure place, away from open fire or flame. Keep container closed and reseal after use. Product may be damaged by freezing. Do not store product below 4°C. If spilled, use absorbent materials and dispose of in an approved manner.

**PESTICIDE DISPOSAL AND CONTAINER HANDLING:** Nonrefillable container. Do not reuse or refill this container. If empty: Place in trash or offer for recycling if available. If partly filled: Call your local solid waste agency for disposal instructions. Never place unused product down any indoor or outdoor drain.

(See booklet for directions for use and additional precautions.)

**Sold by:**  
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