

PMRA Approved - CDL  
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2013-5234

GROUP M FUNGICIDE

**COPPERCIDE WP  
FUNGICIDE**

**COPPER HYDROXIDE**  
Wettable Powder

**COMMERCIAL  
FUNGICIDE**

**CAUTION            POISON**

**READ THE LABEL BEFORE USING.**

**REGISTRATION NO. 16047**

**PEST CONTROL PRODUCTS ACT**

**GUARANTEE: Copper, (present as copper hydroxide) 50%**

**LOVELAND PRODUCTS CANADA INC.**

**789 Donnybrook Drive**

**Dorchester, Ontario**

**N0L 1G5**

**1-800-328-4678**

**NET CONTENTS: 10 kg**

## GENERAL INSTRUCTIONS

Apply COPPERCIDE at 1.1 - 4.5 kg/ha as noted. COPPERCIDE is adaptable to spraying from all types of spray equipment. It can be used in high or low capacity sprays. No additional surfactants are needed.

Add COPPERCIDE slowly to a spray tank partially filled with water. Spreader-stickers, insecticides, nutrients, etc., should be added last. COPPERCIDE is compatible with commercially formulated spreader-stickers, non-herbicidal agricultural oils and such insecticides as Rotenone and Parathion.

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

## DIRECTIONS FOR USE

**BEANS- Bacterial Blight (Halo & Common):** For protective sprays, apply first application when plants are 15 cm high. Apply on 7 to 14 day schedule depending on local conditions. Use COPPERCIDE at 2.25 to 3.25 kg/ha depending on disease severity. Do not apply within 1 day of harvest.

**CUCUMBERS (field)- Angular Leaf Spot:** Apply weekly once the plants begin to vine. Use at 2.25 to 3.25 kg/ha. Do not apply within 1 day of harvest.

**PEPPERS- Bacterial Spot:** When disease threatens, apply 2.25 to 3.25 kg/ha at 7 to 14 day intervals depending on disease severity. Do not apply within 1 day of harvest. **POTATOES- Early and Late Blight:** Apply at 7 to 10 day intervals starting when plants are 15 cm high until harvest. Use COPPERCIDE at 1.1 to 2.25 kg/ha, depending on density of foliage, combined with 1.75 to 2.25 kg of Mancozeb product per ha. COPPERCIDE at 3.4 kg/ha, may be applied at vinekill with a desiccant or alone after vinekill, prior to harvest. This late treatment may reduce infection of tubers by the late blight fungus during harvesting. Do not apply with 1 day of harvest.

**SUGAR BEETS- Cercospora Leaf Spot:** Start spray when disease threatens and continue for 4 to 5 applications. Spray at 10 to 14 day intervals depending on weather conditions using COPPERCIDE at 2.25 to 4.5 kg/ha depending on disease severity. Addition of suitable non-herbicidal agricultural spray oil is recommended at 4.5 litres/ha. For specific instruction, consult local agricultural authorities. Do not apply within 1 day of harvest.

**TOMATOES- Bacterial Spot:** When disease threatens, apply 2.25 kg/ha at 7 to 10 day intervals; more frequently when disease is severe. Do not apply within 1 day of harvest. Must be combined with 1.75 to 2.25 kg/ha of Maneb (80% active compound) or Mancozeb (80% active compound). Do not apply tank mixtures containing Maneb or Mancozeb within 7 days of harvest.

**Greenhouse Seedling Tomatoes and Peppers for Transplant**

## RECOMMENDED APPLICATIONS

CROP	PEST	RATE / DOSAGE	REMARKS
		<b>METHODS</b>	
Tomatoes (Greenhouse seedlings for transplant)	Bacterial Spot	2.25 kg product per hectare	* Apply COPPERCIDE at 2.25 kg/ha every 5 days when warranted to a maximum of 5 applications over a 4 week period prior to transplant. * Following transplantation to the field, when disease threatens, apply COPPERCIDE at 2.25 kg/ha at 7 to 10 day intervals depending upon disease severity. * COPPERCIDE should be combined with 1.75-2.25 kg/ha maneb or zinc-coordinated product of maneb (80% active compound). * Do not apply to crops within 1 day of harvest. * Wear protective clothing including long-sleeved shirt, long pants and chemical resistant gloves when handling or spraying the product. * Do NOT re-enter treated area for 24 hours.
Peppers (Greenhouse seedling for transplant)	Bacterial Spot	2.25 kg product per hectare	* Apply COPPERCIDE at 2.25 kg/ha every 5 days when warranted to a maximum of 5 applications over a 4 week period prior to transplant. * Following transplantation to the field, when disease threatens, apply COPPERCIDE at 2.25 kg/ha at 7 to 10 day intervals depending upon disease severity. * Do not apply to crops within 1 day of harvest. * Wear protective clothing including long-sleeved shirt, long pants and chemical resistant gloves when handling or spraying the product. * Do NOT re-enter treated area for 24 hours.

## PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Store in a cool, dry ventilated place, away from feeds and foods. Keep away from heat, fire and sparks. Avoid contact with skin, eyes and clothing. Wash thoroughly after handling and before eating, drinking or smoking. Wash contaminated clothing with soap and hot water before reuse. Avoid breathing dust or spray mist. Do not contaminate food or feed. Do not contaminate any body of water. DO NOT APPLY BY AIR.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's web site at: [www.croplife.ca](http://www.croplife.ca).

## RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that COPPERCIDE Fungicide contains a Group M fungicide. Any fungal population may contain individuals naturally resistant to COPPERCIDE Fungicide and other Group M fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance:

Where possible, rotate the use of COPPERCIDE Fungicide or other Group M fungicides with different groups that control the same pathogens. Use tank mixtures with fungicide from a different group when such use is permitted.

Fungicide use should be based on an IPM program that includes scouting, historical information related to pesticide use and crop rotation and considers cultural, biological and other chemical control practices.

Monitor treated fungal populations for resistance development.

If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product and switch to another fungicide with a different target site of action, if available.

Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens. For further information and to report suspected resistance, contact the Technical Service, Loveland Products Canada Inc., 1-800-328-4678 or at [www.uap.ca](http://www.uap.ca).

#### **FIRST AID**

**IF ON SKIN:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

**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 centre or doctor for treatment advice.

**IF SWALLOWED:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

Take container, label or product name and Pest Control Product Registration number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION: Treat symptomatically.**

#### **DISPOSAL**

1. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.

2. Make the empty container unsuitable for further use.

3. Dispose of the container in accordance with provincial requirements.

4. For information on the disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency.

Contact the manufacturer and the provincial regulatory agency in case of a spill, and for clean-up of spills.

**NOTICE TO USER: This pest control product is to be used only in accordance with the directions on the label. It is an offence under the Pest Control Products Act to use this product in a way that is inconsistent with the directions on the label. The user assumes the risk to persons or property that arises from any such use of this product.**