

USE BAG

GROUP	M	FUNGICIDE
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COPPERCIDE

**WETTABLE POWDER
COPPER HYDROXIDE**

**COMMERCIAL
FUNGICIDE**

CAUTION POISON

READ THE LABEL BEFORE USING.

REGISTRATION NO. 16047

PEST CONTROL PRODUCTS ACT

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

UNITED AGRI PRODUCTS CANADA INC.

789 Donnybrook Drive

Dorchester, Ontario

N0L 1G5

16292 03/04

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

NOTE TO BUYER/USER: The DIRECTIONS FOR USE for this product for bacterial spot control in greenhouse tomato and pepper seedlings for transplant were developed by persons other than United Agri Products and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. United Agri Products itself makes no representation or warranty with respect to performance (efficacy) and/or crop tolerance (phytotoxicity) claims for this product when used on greenhouse seedling tomatoes and peppers for transplant.

Accordingly, the Buyer and User assume all liability arising, and agree to hold United Agri Products harmless, from any claims based on efficacy and/or phytotoxicity in connection with use on greenhouse seedling tomatoes and peppers for transplant.

CROP	PEST	RATE/ DOSAGE METHODS	RECOMMENDED APPLICATIONS
			REMARKS
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., contact 1-866-375-4648 or www.cropro.org/.

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, United Agri Products, 1-800-265-4624 or at www.uap.ca.

FIRST AID

IF ON SKIN: Remove contaminated clothing and wash skin thoroughly with soap and water.

IF IN EYES: Flush with water for 15 minutes and obtain medical attention.

IF SWALLOWED: Give patient one or two glasses of water and induce vomiting by inserting a finger down the throat. Repeat until vomit fluid is clear. Do not induce vomiting if patient is unconscious. Obtain immediate medical attention or contact a poison control centre. 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, uninvolved 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 control product is to be used only in accordance with the directions on this label. It is an offense under the *Pest Control Products Act* to use a control product under unsafe conditions.

NOTICE TO BUYER:

Seller's guarantee shall be limited to the terms set out on the label and, subject thereto, the buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.