

GROUP

M01

FUNGICIDE

HyCop Fungicide

FUNGICIDE

WETTABLE GRANULES

COMMERCIAL (AGRICULTURAL)



DANGER

POISON

DANGER – CORROSIVE TO EYES

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL BEFORE USING

ACTIVE INGREDIENT: Elemental copper, present as copper hydroxide ... 50%

REGISTRATION NUMBER 34645 PEST CONTROL PRODUCTS ACT

SHARDA Cropchem Limited
2nd Floor, Prime Business Park
Dashrathlal Joshi Road
Vile Parle (West)
Mumbai - 400056, India

Canadian Agent:
SHARDA Cropchem Limited
63 Kingsview Blvd
Etobicoke, Ontario, CA
M9R 1V1
1-844-810-5720
1-416-840-5639

Net Contents: (1-20) KG

PRECAUTIONS

Fatal if swallowed.
May be fatal if inhaled.
DO NOT breathe in dusts or sprays.
CORROSIVE to the eye.
DO NOT get in eyes.

Remove personal protective equipment immediately after handling this product. As soon as possible, wash thoroughly and change into clean clothing.

Remove clothing/personal protective equipment immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Discard clothing and other absorbent material that have been drenched or heavily contaminated with the product's concentrate. Do not reuse them.

For cleaning/maintaining personal protective equipment, use detergent and hot water. Keep and wash personal protective equipment separately from other laundry.

Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

If gloves are required on the label, wash the outside of gloves before removing.

Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes, and a respirator with a NIOSH-approved organic-vapour-removing cartridge with a prefilter approved for pesticides, or a NIOSH-approved canister approved for pesticides during mixing, loading, application, clean-up and repair. In addition, wear protective eyewear (goggles or face shield) during mixing, loading, clean-up and repair.

Apply only to agricultural crops when the potential for drift to areas of human habitation and human activity, such as houses, cottages, schools and recreational areas, is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings.

DO NOT enter or allow worker entry into treated areas during the restricted-entry interval of 48 hours.

Do not contaminate food or feed. Do not contaminate any body of water.

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 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 on skin or clothing: 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 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

Probable mucosal damage may contraindicate use of gastric lavage. Treat symptomatically.

ENVIRONMENTAL PRECAUTIONS

Toxic to aquatic organisms and non-target terrestrial plants. Observe spray buffer zones specified under DIRECTIONS FOR USE.

Toxic to birds and small wild mammals.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative filter strip between the treated area and the edge of the water body.

STORAGE

Store this product away from food or feed. Store unused product in original container only in a cool, dry, well-ventilated area, out of reach of children and animals. If container or bag is damaged, place the container or bag in a plastic bag. Shovel any spills into plastic bags and seal with tape.

DISPOSAL

For recyclable containers

DO NOT reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

For returnable containers

DO NOT reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

For refillable containers

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

Disposal of unused, unwanted product

For information on 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.

GENERAL INSTRUCTIONS

Use **HYCOP Fungicide** at 1.1-4.25 kg/ha as noted in the Use Directions. **HYCOP Fungicide** is adaptable to spraying from all types of ground spray equipment (field, handheld, backpack) that produce spray droplets which are at least medium in the American Society of Agricultural Engineers (ASAE) classification. It can be used in high or low volume spray.

No additional surfactants are needed. Add **HYCOP Fungicide** slowly to the spray tank partially filled with water. Spreader-stickers, insecticides, nutrients, etc. should be added last.

In some cases, tank mixing a pest control product with another pest control product or a fertilizer can result in biological effects that could include, but are not limited to: reduced pest efficacy or increased host crop injury. The user should contact SHARDA Cropchem Limited at 1-844-810-5720 for information before mixing any pesticide or fertilizer that is not specifically recommended on this label.

When tank-mixes are permitted, read and observe all label directions, including rates and restrictions for each product used in the tank-mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, please note that **HYCOP Fungicide** contains a Group M 01 fungicide/bactericide. Any fungal population may contain individuals naturally resistant to **HYCOP Fungicide** and other Group M 01 fungicides/bactericides. A gradual or total loss of pest control may occur over time if these fungicides/bactericides 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/bactericide resistance:

- Where possible, rotate the use of **HYCOP Fungicide** or other Group M 01 fungicides/bactericides with different groups that control the same pathogens.
- Use tank mixtures with fungicide/bactericides from a different group that is effective on the target pathogen when such use is permitted.
- Fungicide/bactericide use should be based on an Integrated Disease Management program that includes scouting, historical information related to pesticide use and crop rotation and considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices.
- Where possible, make use of predictive disease models to effectively time fungicide/bactericide applications.
- Monitor treated fungal/bacterial populations for resistance development. Notify SHARDA Cropchem Limited if reduced sensitivity of the pathogen to HYCOP Fungicide is suspected.
- If disease continues to progress after application of this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide/bactericide 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 Integrated Disease Management recommendations for specific crops and pathogens.
- For further information and to report suspected resistance, contact SHARDA Cropchem Limited at 1-844-810-5720.

DIRECTIONS FOR USE

DO NOT apply this product in a way that will contact workers or bystanders, either directly or through drift. Only protected handlers may be in the area during application.

As this product is not registered for the control of pests in aquatic systems, **DO NOT** use to control aquatic pests.

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

Field sprayer application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE S572.1) medium classification. Boom height must be 60 cm or less above the crop or ground.

DO NOT apply by air.

BEANS, Bacterial Blight, Halo (*Pseudomonas syringae* pv. *phaseolicola*), **Bacterial Blight, Common** (*Xanthomonas campestris* pv. *phaseoli*): For protective sprays, apply first application when plants are 15 cm high. Apply on 7- 14 day schedule depending on local conditions. Use 2.25-3.25 kg/ha depending on disease severity. Do not apply within 2 days of harvest. Do not apply more than 6 applications per year, with a minimum reapplication interval of 7 days.

CUCUMBER, Angular Leaf Spot (*Pseudomonas syringae* pv. *lachrymans*): Apply weekly once the plants begin to vine. Use 2.25-3.25 kg/ha. Do not apply within 2 days

of harvest. Do not apply more than 5 applications per year, with a minimum reapplication interval of 7 days.

PEPPERS, Bacterial Spot (*Xanthomonas campestris* pv. *vesicatoria* and *X. vesicatoria*): When disease threatens, apply 2.25-3.25 kg/ha at 7- to 14-day intervals depending on disease severity. Under heavy disease pressure, the minimum reapplication interval may be reduced to 3 days. Do not apply within 2 days of harvest. Do not apply more than 10 applications per year, with a minimum reapplication interval of 3 days.

POTATO, Early Blight (*Alternaria solani*), **Late Blight** (*Phytophthora infestans*): Apply at 7- to 10-day intervals starting when plants are 15 cm high until harvest. Under heavy disease pressure, the minimum reapplication interval may be reduced to 5 days. Use HYPONEX Fungicide at 1.1-2.5 kg/ha, depending on density of foliage, combined with 1.75-2.10 kg of Mancozeb (80% active) product per ha. HYPONEX Fungicide at 3.4 kg/ha may be applied once at vinekill in a tank mix with one of the following desiccants: DESSICASH DESICCANT, DIQUAT 240, MASTERLINE DIQUAT, BOLSTER DESICCANT or CO-OP BOLSTER DESICCANT, or alone after vinekill, prior to harvest. This late application may reduce infection of tubers by the late blight fungus during harvesting. Do not apply within 3 days of harvest. Do not apply more than 8 applications per year, with a minimum reapplication interval of 5 days. When applied as a tank-mix combination, read and observe all label directions, including rates and restrictions for each product used in the tank mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.

SUGAR BEET, Cercospora Leaf Spot (*Cercospora beticola*): Start spray when disease threatens and continue for 4 to 5 applications. Spray every 10 to 14 days depending on weather conditions at 2.25-4.25 kg/ha depending on disease severity. Under heavy disease pressure, the minimum reapplication interval may be reduced to 7 days. Addition of a suitable non-herbicidal agricultural spray oil is recommended at 5.5 liters/ha. For specific instructions, consult the label of the spray oil product and local agricultural authorities. Do not apply within 2 days of harvest. Do not apply more than 6 applications per year, with a minimum reapplication interval of 7 days.

TOMATOES, Bacterial Spot (*Xanthomonas campestris* pv. *vesicatoria*): When disease threatens, apply 2.25 kg/ha at 7 to 10 day intervals. Within the indicated reapplication interval range, use a shorter interval when disease is severe. HYPONEX Fungicide should be combined with 1.75-2.25 kg/ha mancozeb (80% active compound). Do not apply within 30 days of harvest. Do not apply more than 2 applications per year, with a minimum reapplication interval of 7 days. When applied as a tank mix combination, read and observe all label directions, including rates and restrictions for each product used in the tank mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.

SPRAY BUFFER ZONES

A spray buffer zone is NOT required for uses with hand-held application equipment permitted on this label.

The spray buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive terrestrial habitats (such as grasslands, forested areas, shelter belts, woodlots, hedgerows, riparian areas and shrublands), sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs and wetlands) and estuarine/marine habitats.

Method of application	Crop	Spray Buffer Zones (metres) Required for the Protection of:				
		Freshwater Habitat of Depths:		Estuarine/Marine Habitat of Depths:		Terrestrial Habitat:
		Less than 1 m	Greater than 1 m	Less than 1 m	Greater than 1 m	
Field Sprayer	Beans	35	15	20	10	1
	Cucumber	20	10	10	5	1
	Peppers	40	20	20	10	1
	Potato	40	20	20	10	1
	Sugar beet	25	10	15	5	1
	Tomatoes	45	20	25	10	1

When tank mixes are permitted, consult the labels of the tank-mix partners and observe the largest (most restrictive) spray buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

The spray buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Pesticides portion of the Canada.ca website.

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.