

# STERLING

Liquid Fungicide and Bacteriacide

## COMMERCIAL

ACTIVE INGREDIENT: Copper, present as copper sulphate pentahydrate.....1.7%  
Iodine, elemental .....0.5%

REGISTRATION NO. **32613** PEST CONTROL PRODUCTS ACT

## CAUTION



CORROSIVE



POISON

READ THE LABEL BEFORE USING

KEEP OUT OF REACH OF CHILDREN

Net Contents: 4 - 20 L

DO NOT APPLY TO WATERS CONTAINING FISH

Revolution 5 Agriculture  
23 New Industrial Road  
#04-08 Solstice Business Center  
Singapore  
536209

**GENERAL INFORMATION:**

STERLING is a broad spectrum, preventative product for the control and suppression of many plant diseases. STERLING may be applied as a foliar spray, ground application, or in an alternating spray program with other registered crop protection products. When conditions are conducive to heavy disease pressure, use STERLING in a rotational program with other registered fungicides.

**PRECAUTIONS**

Wear goggles, long pants, a long-sleeved shirt and shoes plus socks during mixing/loading, application, clean-up and repair. In addition, wear chemical-resistant gloves during mixing/loading, clean-up and repair.

Remove personal protective equipment immediately after handling this product. If gloves are required on the label, wash the outside of gloves before removing. 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.

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

**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 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 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.

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

**TOXICOLOGICAL INFORMATION:** Treat symptomatically.

## **USE RATE DETERMINATION:**

Carefully read and follow all label directions and restrictions. STERLING should be applied prior to or in the early stages of disease development. Use maximum label rates and shortened spray intervals for conditions conducive to rapid disease development. For proper application, determine the number of hectares to be treated, the recommended label use rate and select appropriate water volumes to give good canopy penetration and coverage of plant parts to be protected. Prepare only the amount of spray solution required to treat the measured acreage. Sprayer calibration is essential for good product performance.

## **DIRECTIONS FOR USE:**

Avoiding spray drift at the application site is the responsibility of the applicator. The interaction of many equipment and weather related factors determine the potential for spray drift. The applicator or grower are responsible for considering all of these factors when making decisions.

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

Restricted-Entry Interval (REI): **DO NOT** allow worker entry into treated areas for 4 hours or until sprays have dried unless wearing waterproof gloves, long-sleeved shirt, long pants, socks and shoes.

**Preharvest Interval:** STERLING can be used up to 7 days before harvest. PHI=7 days  
Always consult with your processor to insure you meet the required MRL before using this product.

**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.

**DO NOT** contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes. For use in water wholly confined to the property of the user and where there is no outflow beyond the property limits.

## **ENVIRONMENTAL PRECAUTIONS –**

**TOXIC** to aquatic organisms (copper sensitive aquatic plants, invertebrates, and fish)  
When fish are present, special application procedures must be followed. Contact distributor before treating water inhabited by fish.

## Application Rates for STERLING

When applied as directed, STERLING will control/suppress the indicated diseases. Under conditions of moderate to high disease pressures, use the higher rate and shorter application interval indicated. Apply in sufficient water carrier volume to ensure good coverage.

### Ground Application Only

Crop	Disease	Rate (mL/hectare)	Application Instructions
Asparagus	Botrytis blight ( <i>Botrytis cinerea</i> )	500-600	Begin applications at the first sign of disease, or when conditions become conducive for disease development. Repeat as necessary on a 7-10 day interval.
Crop Group 13 Crops (Bushberries and Caneberries):  <b>Bayberry; bearberry; blackberry; highbush and lowbush blueberry; chokecherry; currant; elderberry; gooseberry; huckleberry; lingonberry; loganberry, mulberry; pincherry; raspberry; salal; Saskatoon berry; sea buckthorn; wild raspberry.</b>	Botrytis grey mould ( <i>Botrytis cinerea</i> )	500-1200	Begin applications at the first sign of disease or when conditions become conducive for disease development. Repeat as necessary on a 7-10 day interval.
	Bacterial blight ( <i>Pseudomonas syringae</i> )	500-1200	Apply before fall rains and again during dormancy before spring.
Crop Group 13-07: Berry and Small Fruit Crop Group).  <b>Blackberry or raspberry, highbush blueberry, elderberry or mulberry, grape, strawberry, and fuzzy kiwifruit</b>	Botrytis grey mould mould ( <i>Botrytis cinerea</i> )	500-1200	Begin application prior to disease development and repeat on 7-10 day intervals.
Highbush blueberry, lowbush blueberry	Mummy berry ( <i>Monilinia vaccinii-corymbosi</i> )	500-1000	Begin applications at the bud break stage of development. Repeat as necessary on a 7-14 day interval.
Crop Group 5 (Cole) Crops  <b>Broccoli, Chinese broccoli, Broccoli raab, Brussels sprouts,</b>	Sclerotinia rot ( <i>Sclerotinia sclerotium</i> )	500-600	Make the first application at emergence, or immediately following transplanting. Repeat applications on 10-14 day intervals if conditions for disease development continues.
	Downy mildew ( <i>Peronospora parasitica</i> )	500-600	