



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
**WASHINGTON, DC 20460**

**OFFICE OF CHEMICAL SAFETY  
AND POLLUTION PREVENTION**

March 9, 2023

Alice Wei  
Senior Regulatory Manager  
Valent U.S.A., LLC  
4600 Norris Canyon Road  
San Ramon, CA 94583

**Subject:** PRIA Label Amendment – New use – soil on vegetable, tuberous and corm,  
except potato, subgroup 1D  
Product Name: S-2200 4 SC Ag Fungicide  
EPA Registration Number: 59639-198  
Application Date: October 15, 2021, October 8, 2021  
Decision Number: 579254, 579252

Dear Alice Wei:

The application referred to above, submitted under the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA), as amended, is acceptable under FIFRA section 3(c)(5).

You must submit and/or cite all data required for registration/reregistration/registration review of your product when the Agency requires all registrants of similar products to submit such data.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one (1) copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under FIFRA and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) lists examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

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Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance with FIFRA section 6.

If you have any questions, please contact Jennifer Drobish at 202-566-2642 or at [Drobish.jennifer@epa.gov](mailto:Drobish.jennifer@epa.gov).

Sincerely,

A handwritten signature in cursive script, appearing to read "Shaya B. Boyner".

for Rachel C. Holloman, Chief  
Fungicide-Herbicide Branch  
Registration Division 7505T

Enclosure



MANDESTROBIN GROUP 11 FUNGICIDE

[Bracketed text is optional.]
[Bracketed Italicized text is information for the reviewer]

S-2200 4 SC Ag Fungicide

FOR CONTROL AND/OR SUPPRESSION OF CERTAIN DISEASES IN CANOLA [RAPESEED SUBGROUP 20A], GRAPE [(SMALL FRUIT VINE CLIMBING SUBGROUP, EXCEPT FUZZY KIWIFRUIT SUBGROUP 13-07F)], LETTUCE [(HEAD AND LEAF)], SWEET POTATO [(VEGETABLE, TUBEROUS AND CORM, EXCEPT POTATO SUBGROUP 1D)], AND STRAWBERRY [(LOW GROWING BERRY SUBGROUP 13-07G EXCEPT CRANBERRY)]

Table with 2 columns: Active Ingredient, By Wt. Rows include Mandestrobin\* (43.4%), Other Ingredients (56.6%), and Total (100.0%).

\*(2RS)-2-{2-[(2,5-dimethylphenoxy)methyl]phenyl}-2-methoxy-N-methylacetamide

S-2200 4 SC Ag Fungicide is a suspension concentrate containing 4 lb active ingredient per gallon.

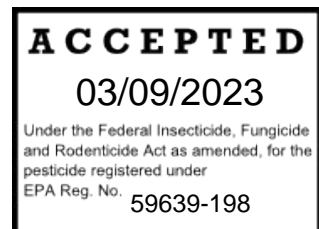
KEEP OUT OF REACH OF CHILDREN

CAUTION

SEE [NEXT] [PAGE] [PANEL] [BOOKLET] FOR [ADDITIONAL PRECAUTIONARY STATEMENTS] [AND] [DIRECTIONS FOR USE].

EPA Reg. No. 59639-198
EPA Est.

NET CONTENTS



<b>FIRST AID</b>	
<b>If swallowed:</b>	<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>• <b>DO NOT</b> induce vomiting unless told to by a poison control center or doctor.</li> <li>• <b>DO NOT</b> give anything by mouth to an unconscious person.</li> </ul>
<b>HOT LINE NUMBER</b>	
<p>Have the product container or label with you when calling a poison control center or doctor or going for treatment. You may also contact 800-892-0099 for emergency medical treatment information.</p>	

## **PRECAUTIONARY STATEMENTS**

### **HAZARDS TO HUMANS & DOMESTIC ANIMALS**

#### **CAUTION**

Harmful if swallowed.

#### **PERSONAL PROTECTIVE EQUIPMENT (PPE):**

**Applicators and other handlers must wear:** long-sleeved shirt and long pants, socks and shoes, and chemical-resistant gloves made of any waterproof material.

Follow the manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

<b>USER SAFETY RECOMMENDATIONS</b>
<p>Users should:</p> <ul style="list-style-type: none"> <li>• Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.</li> <li>• Remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.</li> <li>• Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.</li> </ul>

### **ENVIRONMENTAL HAZARDS**

This pesticide is toxic to aquatic organisms. **DO NOT** apply directly to water, or to areas where surface water is present or to intertidal areas below the mean high-water mark. **DO NOT** contaminate water by disposing of equipment washwaters or rinsate. Drift and runoff from treated areas may be hazardous to aquatic organisms in water adjacent to treated areas. Runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

## DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**READ ENTIRE LABEL. USE STRICTLY IN ACCORDANCE WITH PRECAUTIONARY STATEMENTS AND DIRECTIONS, AND WITH APPLICABLE STATE AND FEDERAL REGULATIONS.**

**DO NOT** apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

### AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

**DO NOT** enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil or water, is coveralls, socks and shoes, and chemical-resistant gloves made of any waterproof material.

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## PRODUCT INFORMATION

S-2200 4 SC Ag Fungicide is a broad-spectrum fungicide for control of certain diseases in listed crops. S-2200 4 SC Ag Fungicide has preventive and systemic properties. S-2200 4 SC Ag Fungicide is most effective when applied prior to infection. Optimal disease control is achieved when S-2200 4 SC Ag Fungicide is applied in a regularly scheduled spray program used in combination and/or rotation with other effective fungicides that have different modes of action and are effective against the same target pathogens.

### MODE OF ACTION

S-2200 4 SC Ag Fungicide belongs to the strobilurin or Quinone Outside Inhibitors (QOI) class (Group 11) of fungicides as classified by the Fungicide Resistance Action Committee (FRAC).

### RESTRICTIONS

- Not for Sale, Sale Into, Distribution and/or Use in Nassau and Suffolk Counties of New York State.
- **DO NOT** apply this product within 50 feet of any freshwater lake, pond, river, stream or wetland in the State of New York.

### PRECAUTION

Always mix product thoroughly before use.

### **Resistance Management**

For resistance management, S-2200 4 SC Ag Fungicide contains a Group 11 fungicide. Any fungal population may contain individuals naturally resistant to S-2200 4 SC Ag and other Group 11 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance, take one or more of the following steps:

- Rotate the use of S-2200 4 SC Ag Fungicide or other Group 11 fungicides within a growing season sequence with different groups that control the same pathogens.
- Use tank mixtures with fungicide from a different group that are equally effective on the target pest when such use is permitted. Use at least the minimum application rate as labeled by the manufacturer.
- Adopt an integrated disease management program for fungicide use that includes scouting, uses historical information related to pesticide use, and crop rotation, and which 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 applications. Note that using predictive models alone is not sufficient to manage resistance.
- Monitor treated fungal populations for resistance development.
- Contact your local extension specialist or certified crop advisor for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
- For further information or to report suspected resistance contact Valent U.S.A. LLC at 800-6-Valent (682-5368). You can also contact your pesticide distributor or university extension specialist to report resistance.



## **RAINFASTNESS**

S-2200 4 SC Ag Fungicide is rainfast 2 hours after application. Disease control may be reduced if rainfall occurs within 2 hours after application.

## **JAR TEST TO DETERMINE COMPATIBILITY OF ADJUVANTS AND S-2200 4 SC Ag FUNGICIDE**

Perform a jar test before mixing commercial quantities of S-2200 4 SC Ag Fungicide, when using this product for the first time, when using new adjuvants, when using new tank mixes, or when using a new water source.

1. Add 1 pt of the water to a quart jar. Use water from the same source and temperature as that to be used in the spray tank mixing operation.
2. Add 2 g of S-2200 4 SC Ag Fungicide to the quart jar and gently mix until product goes into suspension.
3. Add appropriate amount of new tank mix partner and gently mix.
4. Add 1 mL of new adjuvant, if necessary and gently mix.
5. Place cap on jar, invert 10 times, let stand for 15 minutes, evaluate.
6. An acceptable tank mix combination will have a smooth, uniform appearance. If any of the following conditions are observed, question the choice of spray mix components:
  - a) Layer of oil or globules on the mixture's surface.
  - b) Flocculation: formation of fluffy, cloudlike aggregates or masses in suspension or as a layer on the bottom of the jar.
  - c) Clabbering: thickening texture (coagulated) like gelatin or cottage cheese.

## **TANK MIXTURES**

To avoid phytotoxic effects, only combine S-2200 4 SC Ag Fungicide in a spray tank with pesticides, surfactants or fertilizers if compatibility charts or your own prior use has shown that the combination is physically compatible, effective and non-injurious under your conditions of use. S-2200 4 SC Ag Fungicide has exhibited some phytotoxic effects when mixed with adjuvants that are formulated with organosilicone.

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements of each product in the tank mixture.

## **SPRAYER PREPARATION**

Before applying S-2200 4 SC Ag Fungicide, start with clean, well maintained application equipment. The spray tank hoses and booms must be cleaned to ensure no residue from previous spraying operations remains in the sprayer. The spray equipment must be cleaned according to the manufacturer's directions for the last product used before the equipment is used to apply S-2200 4 SC Ag Fungicide. If two or more products were tank mixed prior to S-2200 4 SC Ag Fungicide application, the most restrictive cleanup procedure must be followed.

## **APPLICATION EQUIPMENT**

Application equipment must be clean and in good repair. Check nozzles frequently for accuracy.

## **SPRAYER CLEANUP**

Clean sprayer equipment each day following S-2200 4 SC Ag Fungicide application. After application is complete, use the following steps to clean spray equipment:

1. Completely drain the spray tank, rinse the sprayer thoroughly, including the inside and outside of the tank and all in-line screens.
2. Fill the spray tank with clean water and flush all hoses, booms, screens and nozzles.
3. Drain tank completely.
4. Remove all nozzles and screens and rinse them in clean water.

## **MIXING INSTRUCTIONS**

1. Fill clean spray tank 1/2 to 2/3 of desired level with clean water.
2. While agitating, slowly add the S-2200 4 SC Ag Fungicide to the spray tank. Agitate to create a rippling or rolling action on the water surface.
3. If tank mixing S-2200 4 SC Ag Fungicide with other labeled pesticides, add water soluble bags first, followed by dry formulations, flowables, emulsifiable concentrates and then solutions.
4. Add any required adjuvants.
5. Fill spray tank to desired level with water. Continue agitation until all spray solution has been applied.
6. Mix only the amount of spray solution that can be applied the day of mixing. Apply S-2200 4 SC Ag Fungicide within 24 hours of mixing.

## **CARRIER VOLUME**

Apply S-2200 4 SC Ag Fungicide in sufficient water to ensure thorough coverage of foliage, blossoms, and fruit. Thorough coverage is required for optimal disease control. Follow individual "CROP SPECIFIC DIRECTIONS, RESTRICTIONS, AND LIMITATIONS" for appropriate spray volumes.

## **CHEMIGATION**

### **Through Irrigation Systems**

S-2200 4 SC Ag Fungicide may be applied through irrigation systems alone or in combination with other products which are also registered for sprinkler application. Apply this product only through center pivot, motorized lateral move, traveling gun, solid set or portable (wheel move, side roll, end tow or hand move) irrigation systems. **DO NOT** apply this product through any other type of irrigation system. Crop injury, lack of effectiveness, or illegal pesticide residues in the crop can result from non-uniform distribution of treated water. If you have questions about calibration, contact your State Extension Service specialist, equipment manufacturer or other experts. A person knowledgeable of the chemigation system and responsible for its operation, or under the supervision of the responsible person, must shut the system down and make necessary adjustments should the need arise.

## Using Water from Public Water Systems

- **DO NOT apply S-2200 4 SC Ag Fungicide through any irrigation system physically connected to a public water system.**

Public water system means a system for the provision to the public of piped water for human consumption if such system has at least 15 service connections or regularly serves an average of at least 25 individuals daily at least 60 days per year. S-2200 4 SC Ag Fungicide may be applied through irrigation systems which may be supplied by a public water system only if the water from the public water system is discharged into a reservoir tank prior to pesticide introduction. There must be a complete physical break (air gap) between the outlet end of the fill pipe and to top or overflow rim of the reservoir tank of at least twice the inside diameter of the fill pipe. Before beginning chemigation, always make sure that the air gap exists and that there is no blockage of the overflow of the reservoir tank.

Any irrigation system using water supplied from a public water system must also meet the following requirements:

### Operating Instructions for All Specified Types of Irrigation Systems

1. The system must be calibrated to uniformly apply the rates specified. If you have questions about calibration, contact your State Extension Service specialist, equipment manufacturer or other experts.
2. The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.
3. The pesticide injection pipeline must contain a functional, automatic, quick closing check valve to prevent the flow of fluid back toward the injection pump.
4. The pesticide injection pipeline must also contain a functional, normally closed, solenoid operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.
5. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.
6. The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.
7. Systems must use a metering pump, such as a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.
8. **DO NOT** apply when wind speed favors drift beyond the area intended.

### Calibration and Application Instructions

Apply S-2200 4 SC Ag Fungicide under the schedule specified in the specific crop use directions, not according to the irrigation schedule, unless the events coincide. In general, set the equipment to apply the minimum amount of water per acre. Run the system at 85 to 90% of the manufacturer's maximum rated travel speed.

The following calibration and application techniques are provided for user reference, but do not constitute a warranty of fitness for application through sprinkler irrigation equipment. Check with state and local regulatory agencies for potential use restrictions before applying any agricultural chemical through sprinkler irrigation equipment.

### **Center Pivot Irrigation Equipment**

1. Use only drive systems that provide uniform water distribution.
2. **DO NOT** use end guns when chemigating S-2200 4 SC Ag Fungicide through center pivot systems because of non-uniform application.
3. Plug the first nozzle closest to the well head to protect the water source.
4. Determine the size of the area to be treated.
5. Determine the time required to apply 0.1 to 0.25 inches of water over the area to be treated when the system and injection equipment are operated at normal pressures as specified by the equipment manufacturer. Run the system at 80 to 95% of the manufacturer's rated maximum travel speed.
6. Using water, determine the injection pump output when operated at normal line pressure.
7. Determine the amount of S-2200 4 SC Ag Fungicide, and any tank mix partners, required to treat the area covered by the irrigation system.
8. Add the required amount of S-2200 4 SC Ag Fungicide, and any tank mix partners, and sufficient water to meet the injection time requirements to the solution tanks. (See "Mixing Instructions" section of this label.)
9. Make sure the system is fully charged with water before starting injection of the S-2200 4 SC Ag Fungicide solution. Time the injection to last at least as long as it takes to bring the system to full pressure.
10. Maintain constant agitation in the solution tank during the injection period.
11. Inject the specified amount of S-2200 4 SC Ag Fungicide per acre continuously for one complete revolution of the system.
12. Stop the injection equipment after treatment is complete. Continue to operate the system until the S-2200 4 SC Ag Fungicide solution has cleared all of the sprinkler heads.
13. Allow time for all lines to flush the pesticide through all nozzles before turning off irrigation water.

### **Solid Set, Portable (Wheel Move, Side Roll, End Tow or Hand Move) Irrigation Equipment**

1. Determine the acreage covered by the sprinklers.
2. Fill injector solution tank with plain water and calibrate the flow rate of the system to deliver the contents of the tank over a 20 to 40 minute time interval.
3. Calculate the amount of product required to treat the area covered by the irrigation system.
4. Add the required amount of S-2200 4 SC Ag Fungicide, and any other tank mix partners, into the same quantity of water used to calibrate the injection period. (See "Mixing Instructions" section of this label.)
5. Operate the system at the same pressure and time interval established during the calibration.
6. Inject specified amount of S-2200 4 SC Ag Fungicide per acre for either a 20 to 40 minute period at the end of a regular irrigation set, or as a 20 to 40 minute injection as a separate application not associated with a regular irrigation to maximize retention of the fungicide by the foliage.
7. Stop injection equipment after treatment is completed. Continue to operate the system until the S-2200 4 SC Ag Fungicide solution has cleared the last sprinkler head. To ensure lines are flushed and free from remaining pesticides, a dye indicator may be injected into the lines to mark the end of the application period.

## Mandatory Spray Drift Requirements

### Aerial Applications

- **DO NOT** release spray at a height greater than 10 ft above the vegetative canopy, unless a greater application height is necessary for pilot safety.
- For all applications, applicators are required to use a medium or coarser spray droplet size (ASABE S572.1).
- The boom length must not exceed 65% of the wingspan for airplanes or 75% of the rotor blade diameter for helicopters.
- Applicators must use ½ swath displacement upwind at the downwind edge of the field.
- Nozzles must be oriented so the spray is directed toward the back of the aircraft.
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

### Ground Applications

- Apply with the nozzle height recommended by the manufacturer, but no more than 3 feet above the ground or crop canopy.
- For all applications, applicators are required to use a medium or coarser spray droplet size (ASABE S572.1).
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

### Boom-less Ground Applications:

- Applicators are required to use a medium or coarser droplet size (ASABE S572.1) for all applications.
- **DO NOT** apply when wind speeds exceed 10 miles per hour at the application site.
- **DO NOT** apply during temperature inversions.

## SPRAY DRIFT ADVISORIES

- THE APPLICATOR IS RESPONSIBLE FOR AVOIDING OFF-SITE SPRAY DRIFT.
- BE AWARE OF NEARBY NON-TARGET SITES AND ENVIRONMENTAL CONDITIONS.
- IMPORTANCE OF DROPLET SIZE  
An effective way to reduce spray drift is to apply large droplets. Use the largest droplets that provide target pest control. While applying larger droplets will reduce spray drift, the potential for drift will be greater if applications are made improperly or under unfavorable environmental conditions.  
Controlling Droplet Size - Ground Boom
  - Volume - Increasing the spray volume so that larger droplets are produced will reduce spray drift. Use the highest practical spray volume for the application. If a greater spray volume is needed, consider using a nozzle with a higher flow rate.
  - Pressure - Use the lowest spray pressure recommended for the nozzle to produce the target spray volume and droplet size.

- Spray Nozzle - Use a spray nozzle that is designed for the intended application. Consider using nozzles designed to reduce drift.
  - Controlling Droplet Size - Aircraft
  - Adjust Nozzles - Follow nozzle manufacturers recommendations for setting up nozzles. Generally, to reduce fine droplets, nozzles should be oriented parallel with the airflow in flight.
- BOOM HEIGHT - Ground Boom  
Use the lowest boom height that is compatible with the spray nozzles that will provide uniform coverage. For ground equipment, the boom should remain level with the crop and have minimal bounce.
- RELEASE HEIGHT - Aircraft  
Higher release heights increase the potential for spray drift. When applying aerially to crops, **DO NOT** release spray at a height greater than 10 ft above the crop canopy, unless a greater application height is necessary for pilot safety.
- SHIELDED SPRAYERS  
Shielding the boom or individual nozzles can reduce spray drift. Consider using shielded sprayers. Verify that the shields are not interfering with the uniform deposition of the spray on the target area.
- TEMPERATURE AND HUMIDITY  
When making applications in hot and dry conditions, use larger droplets to reduce effects of evaporation.
- TEMPERATURE INVERSIONS  
Drift potential is high during a temperature inversion. Temperature inversions are characterized by increasing temperature with altitude and are common on nights with limited cloud cover and light to no wind. The presence of an inversion can be indicated by ground fog or by the movement of smoke from a ground source or an aircraft smoke generator. Smoke that layers and moves laterally in a concentrated cloud (under low wind conditions) indicates an inversion, while smoke that moves upward and rapidly dissipates indicates good vertical air mixing. Avoid applications during temperature inversions.
- WIND  
Drift potential generally increases with wind speed. **AVOID APPLICATIONS DURING GUSTY WIND CONDITIONS.**  
Applicators need to be familiar with local wind patterns and terrain that could affect spray drift.
- Boom-less Ground Applications:  
Setting nozzles at the lowest effective height will help to reduce the potential for spray drift.
- Handheld Technology Applications:  
Take precautions to minimize spray drift.

### ROTATIONAL RESTRICTIONS

The following rotational crops may be planted after applying S-2200 4 SC Ag Fungicide at the labeled rate. Planting earlier than the stated rotational interval is not allowed.

CROPS	ROTATIONAL INTERVAL
Canola [Rapeseed Subgroup 20A] Grape [(Subgroup 13-07F)] Lettuce [(Head and Leaf)] Sweet potato [(Subgroup 1-D) except potato] Strawberry [(Subgroup 13-07G except cranberry)]	Immediately
All other crops	4 months

### RESTRICTIONS AND LIMITATIONS – ALL CROPS

1. Maximum yearly use rate: **DO NOT** apply more than the maximum rate per acre per year as listed in “CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS”.
2. Maximum rate per application: **DO NOT** apply more than the maximum rate per acre per application as listed in “CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS”.
3. **DO NOT** make more than the total number of applications of S-2200 4 SC Ag Fungicide per year as listed in “CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS”.
4. Preharvest Interval (PHI): See “CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS”.

Crops	Minimum Time from Application to Harvest (PHI) Days	Maximum Rate per Acre per Application (fl oz/A)	Maximum Number of Sequential Applications	Maximum Number of Applications per Year	Maximum Rate per Acre per Year (fl oz/A)	Livestock Grazing or Feeding Restriction
Canola [Rapeseed Subgroup 20A]	35	6 (0.188 lb ai/A) [12*] [(0.375 lb ai/A)]	None	1	6 (0.188 lb ai/A) [12*] [(0.375 lb ai/A)]	Not applicable
Grape [(Subgroup 13-07F) Small fruit vine climbing subgroup except fuzzy kiwifruit]	10	6 (0.188 lb ai/A) [10*] [(0.313 lb ai/A)]	None	3	18 (0.563 lb ai/A) [30*] [(0.938 lb ai/A)]	Not applicable
Lettuce [(Head and Leaf)]	70 days for head lettuce  33 days for leaf lettuce	6 (0.188 lb ai/A) [12*] [(0.375 lb ai/A)]	1	2	12 (0.375 lb ai/A) [24*] (0.750 lb ai/A)	Not applicable
Sweet potato [(vegetable, tuberous and corm, except potato, Subgroup 1D)]	Not applicable	9 (0.282 lb ai/A)	0	1	9 (0.282 lb ai/A)	Not applicable
Strawberry [(Low growing berry Subgroup 13-07G except cranberry)]	0	6 (0.188 lb ai/A) [8*] [(0.250 lb ai/A)]	None	2	12 (0.375 lb ai/A) [16*] [(0.500 lb ai/A)]	Not applicable

[\*High disease pressure]



## CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS

### Canola [(Rapeseed Subgroup 20A)]

[Borage; Canola; crambe; cuphea; echium; flax seed; gold of pleasure; hare's ear mustard; lesquerella; lunaria; meadowfoam; milkweed; mustard seed; oil radish; poppy seed; rapeseed; sesame; sweet rocket; cultivars, varieties, and/or hybrids of these]

Diseases	Application Rates		When to Apply	Special Use Instructions	Use Restrictions
	fl oz/A	GPA			
White mold/ Sclerotinia stem rot ( <i>Sclerotinia sclerotiorum</i> )	6 to 12 (0.188 to 0.375 lb ai/A)	Ground: Minimum 10  Aerial: Minimum 5	Make application between 20% and 50% bloom.	Use S-2200 4 SC Ag Fungicide as a part of an Integrated Pest Management (IPM) program.  Apply as a foliar spray in sufficient water to obtain thorough coverage of the plant. Under high disease pressure, use the higher rate.	<ul style="list-style-type: none"> <li>• <b>DO NOT</b> apply within 35 days of harvest.</li> <li>• <b>DO NOT</b> apply more than 12 fl oz/A (0.375 lb ai/A) per year.</li> <li>• <b>DO NOT</b> apply more than 12 fl oz/A (0.375 lb ai/A) per application.</li> <li>• <b>DO NOT</b> apply more than one application per year.</li> </ul>

**GRAPE**

**[(Small fruit vine climbing subgroup except fuzzy kiwifruit Subgroup 13-07F)]**

[Amur river grape; gooseberry; grape; kiwifruit, hardy; maypop; schisandra berry; cultivars, varieties and/or hybrids of these.]

Diseases	Application Rates		When to Apply	Special Use Instructions	Use Restrictions
	fl oz/A	GPA			
Botrytis bunch rot/gray mold ( <i>Botrytis cinerea</i> )  <b>Suppression only:</b> Powdery mildew ( <i>Uncinula necator</i> )	6 to 10 (0.188 to 0.313 lb ai/A)	Ground: minimum 10	Begin applications prior to infection during early bloom, bunch pre-closure and veraison up to 10 days before harvest.	Use S-2200 4 SC Ag Fungicide as a part of an Integrated Pest Management (IPM) program.  Apply as a foliar spray in sufficient water to obtain thorough coverage of the plant.  [Under high disease pressure, use higher rate and shorter interval.]	<ul style="list-style-type: none"> <li>• <b>DO NOT</b> apply within 10 days of harvest.</li> <li>• <b>DO NOT</b> apply more than 10 fl oz/A (0.313 lb ai/A) per application.</li> <li>• <b>DO NOT</b> apply more than 18 fl oz (0.563 lb ai/A) [30 fl oz (0.938 lb ai/A)] per year.</li> <li>• <b>DO NOT</b> make more than three applications per year.</li> <li>• <b>DO NOT</b> make sequential applications of S-2200 4 SC Ag Fungicide or other FRAC Group 11 Fungicides.</li> <li>• <b>DO NOT</b> apply at intervals of less than 20 days.</li> <li>• <b>DO NOT</b> apply by air.</li> </ul>

Precaution: **DO NOT** use on *V. labrusca*, *V. labrusca* hybrids and other non-vinifera hybrids where crop sensitivity is not known.

**LETTUCE**

[Lettuce, head; Lettuce, leaf]

Diseases	Application Rates		When to Apply	Special Use Instructions	Use Restrictions
	fl oz/A	GPA			
Lettuce drop ( <i>Sclerotinia sclerotiorum</i> , <i>Sclerotinia minor</i> )	6-12 (0.188 to 0.375 lb ai/A)	Ground minimum: 10	Make first application at emergence. A second application can be made 10 days after thinning.	Use S-2200 4 SC Ag Fungicide as a part of an Integrated Pest Management (IPM) program.  Apply as a foliar spray in sufficient water to obtain thorough coverage of the plant.	<ul style="list-style-type: none"> <li>• <b>DO NOT</b> apply more than 24 fl oz (0.750 lb ai/A) per year.</li> <li>• <b>DO NOT</b> apply more than 12 fl oz/A (0.375 lb ai/A) per application.</li> <li>• <b>DO NOT</b> make more than two applications per year.</li> <li>• <b>DO NOT</b> apply by air.</li> <li>• <b>DO NOT</b> apply within 70 days of harvest for head lettuce.</li> <li>• <b>DO NOT</b> apply within 33 days of harvest for leaf lettuce.</li> </ul>

**SWEET POTATO**

**[(vegetable, tuberous and corm, except potato, Subgroup 1D)]**

[arracacha; arrowroot; artichoke, Chinese; artichoke, Jerusalem; canna, edible; cassava, bitter and sweet; chayote (root); chufa; dasheen (taro); ginger; leren; sweet potato; tanier; turmeric; yam bean; yam, true]

Diseases	Application Rates		When to Apply	Special Use Instructions	Use Restrictions
	fl oz/A	GPA			
Black Rot ( <i>Ceratocystis fimbriata</i> )	9 (0.282 lb ai/A)	Ground minimum: 5	Make application in-furrow spray at planting.	<p>The application must be accomplished by placing the sweet potato slips into the open trench, directly spraying into the open trench and covering the sweet potato slips with soil.</p> <p>Use S-2200 4 SC Ag Fungicide as part of an as part of an Integrated Pest Management (IPM) program.</p> <p>The in-furrow application must be applied at the full per acre rate.</p>	<ul style="list-style-type: none"> <li>• Do not apply more than 9 fl oz (0.28 lb ai/A) per year.</li> <li>• Do not make more than one application per year.</li> <li>• Do not apply by air.</li> </ul>

### STRAWBERRY

#### [(Low growing berry Subgroup 13-07G except cranberry)]

[Bearberry; bilberry; blueberry, lowbush; cloudberry; lingonberry; muntries; partridgeberry; strawberry; cultivars, varieties and/or hybrids of these]

Diseases	Application Rates		When to Apply	Special Use Instructions	Use Restrictions
	fl oz/A	GPA			
Botrytis gray mold <i>(Botrytis cinerea)</i>  <b>Suppression Only:</b> Powdery mildew <i>(Sphaerotheca macularis)</i>	6 to 8 (0.188 to 0.250 lb ai/A)	Ground: minimum 10	Begin applications at 10% bloom, or prior to infection, up to 0 days before harvest.	Use S-2200 4 SC Ag Fungicide as a part of an Integrated Pest Management (IPM) program.  Apply as a foliar spray in sufficient water to obtain thorough coverage of the plant.  [Under high disease pressure, use higher rate and shorter interval.]	<ul style="list-style-type: none"> <li>• Applications may be made up to the day of harvest.</li> <li>• <b>DO NOT</b> apply more than 8 fl oz/A (0.250 lb ai/A) per application.</li> <li>• <b>DO NOT</b> apply more than 12 fl oz (0.375 lb ai/A) [16 fl oz (0.500 lb ai/A)] per year.</li> <li>• <b>DO NOT</b> make more than two applications per year.</li> <li>• <b>DO NOT</b> make sequential applications of S-2200 4 SC Ag Fungicide or other FRAC Group 11 Fungicides.</li> <li>• <b>DO NOT</b> apply at intervals of less than 14 days.</li> <li>• <b>DO NOT</b> apply by air.</li> </ul>

**RISKS OF USING THIS PRODUCT,  
LIMITED WARRANTY AND DISCLAIMER,  
AND LIMITATION OF LIABILITY**

**IMPORTANT:** Read the entire Label including this section titled Risks of Using this Product, Limited Warranty and Disclaimer, and Limitation of Liability before using this product. If the terms are not acceptable THEN DO NOT USE THE PRODUCT; rather, return the unopened product within 15 days of purchase for a refund of the purchase price.

**RISKS OF USING THIS PRODUCT**

The buyer and user (referred to collectively herein as "Buyer") of this product should be aware that there are inherent unintended risks associated with the use of this product which are impossible to eliminate. Such risks of crop injury, non-performance, resistance or other unintended consequences are unavoidable and may result because of such factors as weather, soil conditions, disease, moisture conditions, irrigation practices, condition of the crop at the time of application, presence of other materials either applied in the tank mix with this product or prior to application of this product, cultural practices or the manner of use or application, (or a combination of such factors) all of which are factors beyond the control of Valent. If the Buyer chooses not to accept these risks, THEN THIS PRODUCT SHOULD NOT BE APPLIED. By applying this product Buyer acknowledges and accepts these inherent unintended risks AND TO THE FULLEST EXTENT ALLOWED BY LAW, AGREES THAT ALL SUCH RISKS ASSOCIATED WITH THE APPLICATION AND USE ARE ASSUMED BY THE BUYER.

The Directions for Use of this product must be followed carefully. Valent shall not be responsible for losses or damages (including, but not limited to, loss of yield, increased expenses of farming the crop or such incidental, consequential or special damages that may be claimed) resulting from use of this product in any manner not set forth on the label. To the extent consistent with applicable law, Buyer assumes all risks associated with the use of this product in any manner or under conditions not specifically directed or approved on the label.

**LIMITED WARRANTY AND DISCLAIMER**

Valent warrants only that this product conforms to the chemical description on the label and is reasonably fit for the purposes stated in the label, under average use conditions, when used strictly in accordance with the label **and subject to the Risks of Using This Product as described above. To the extent consistent with applicable law, VALENT MAKES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED.** No agent or representative of Valent or Seller is authorized to make or create any other express or implied warranty.

**LIMITATION OF LIABILITY**

**To the fullest extent allowed by law, Valent or Seller is not liable for any incidental, consequential, indirect or special damages resulting from the use or handling of this product. TO THE FULLEST EXTENT ALLOWED BY LAW, THE EXCLUSIVE REMEDY OF THE BUYER, AND THE EXCLUSIVE MAXIMUM LIABILITY OF VALENT OR SELLER FOR ANY AND ALL CLAIMS, LOSSES, INJURIES OR DAMAGES (INCLUDING CLAIMS BASED ON BREACH OF WARRANTY, CONTRACT, NEGLIGENCE, TORT, STRICT LIABILITY OR OTHERWISE) RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT SHALL BE THE RETURN OF THE PURCHASE PRICE OF THIS PRODUCT OR, AT THE ELECTION OF VALENT OR SELLER, THE REPLACEMENT OF THE PRODUCT.**

**PROMPT NOTICE OF CLAIM**

To the extent consistent with applicable law allowing such requirements, Valent must be provided notice as soon as Buyer has reason to believe it may have a claim, but in no event later than twenty-one days from date of planting, or twenty-one days from the date of application, whichever is later, so that an immediate inspection of the affected property and growing crops can be made.

To the extent consistent with applicable law, if Buyer does not notify Valent of any claims, in such period, it shall be barred from obtaining any remedy.

**NO AMENDMENTS**

Valent and Seller offer this product, and Buyer accepts it, subject to the foregoing **Risks of Using This Product, Limited Warranty and Disclaimer, and Limitation of Liability**, which may not be modified by any oral or written agreement.

## STORAGE AND DISPOSAL

### STORAGE

Store in a cool dry place.

Keep pesticide in original container.

Keep container closed when not in use.

**DO NOT** contaminate water, food or feed by storage, disposal or cleaning of equipment.

**DO NOT** put dilute into food or drink containers.

**DO NOT** store in or around the home.

For help with any spill, leak, fire or exposure involving this material, call day or night 800-892-0099.

### PESTICIDE DISPOSAL

Waste resulting from the use of this product may be disposed of on site or at an approved waste disposal facility.

### CONTAINER HANDLING

Nonrefillable container. **DO NOT** reuse or refill this container. Clean container promptly after emptying. Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times. Offer for recycling if available or dispose in a sanitary landfill or other procedures allowed by state and local authorities.

### RECYCLING

Once cleaned, some agricultural plastic pesticide containers can be taken to a container collection site or picked up for recycling. To find the nearest site, contact your chemical dealer or manufacturer, or contact the Ag Container Recycling Council (ACRC) at 877-952-2272 (toll free) or [www.acrecycle.org](http://www.acrecycle.org).

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Manufactured for:

**Valent U.S.A. LLC**

P.O. Box 5075

San Ramon CA 94583

Made in U.S.A.

EPA Reg. No. 59639-198

EPA Est.

059639-00198.20230308\_NU\_SweetPotato.Clean

# Supplemental Label



MANDESTROBIN GROUP 11 FUNGICIDE

[Bracketed text is optional]

## S-2200 4 SC Ag Fungicide

EPA Reg. No. 59639-198

**S-2200 4 SC AG FUNGICIDE FOR USE ON SWEET POTATO [(VEGETABLE, TUBEROUS AND CORM, EXCEPT POTATO, SUBGROUP 1D)]**

This supplemental label expires on March 14, 2026 and must not be used or distributed after this date.

### DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

**THIS LABELING MUST BE IN THE POSSESSION OF THE USER AT THE TIME OF APPLICATION. READ THE LABEL AFFIXED TO THE CONTAINER FOR S-2200 4 SC AG FUNGICIDE BEFORE APPLYING. USE OF S-2200 4 SC AG FUNGICIDE ACCORDING TO THIS LABELING IS SUBJECT TO THE USE PRECAUTIONS AND LIMITATIONS IMPOSED BY THE LABEL AFFIXED TO THE CONTAINER FOR S-2200 4 SC AG FUNGICIDE.**



**RESTRICTIONS AND LIMITATIONS – ALL CROPS**

1. Maximum yearly use rate: Do not apply more than the maximum rate per acre per year as listed in “CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS”.
2. Maximum rate per application: Do not apply more than the maximum rate per acre per application as listed in “CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS”.
3. Do not make more than the total number of applications of S-2200 4 SC Ag Fungicide per year as listed in “CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS”.
4. Preharvest Interval (PHI): See “CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS”.

<b>Crops</b>	<b>Minimum Time from Application to Harvest (PHI) Days</b>	<b>Maximum Rate per Acre per Application (fl oz/A)</b>	<b>Maximum Number of Sequential Applications</b>	<b>Maximum Number of Applications per Year</b>	<b>Maximum Rate per Acre per Year (fl oz/A)</b>	<b>Livestock Grazing or Feeding Restriction</b>
Sweet potato [(vegetable, tuberous and corm, except potato, Subgroup 1D)]	Not applicable	9 (0.282 lb ai/A)	0	1	9 (0.282 lb ai/A)	Not applicable

**ROTATIONAL RESTRICTIONS**

The following rotational crops may be planted after applying S-2200 4 SC Ag Fungicide at the labeled rate. Planting earlier than the specified rotational interval is not allowed.

<b>CROPS</b>	<b>ROTATIONAL INTERVAL</b>
Canola [Rapeseed Subgroup 20A] Grape [(Subgroup 13-07F)] Lettuce [(Head and Leaf)] Sweet potato [(Subgroup 1-D) except potato] Strawberry [(Subgroup 13-07G except cranberry)]	Immediately
All other crops	4 months

**CROP SPECIFIC DIRECTIONS, RESTRICTIONS AND LIMITATIONS**

<p><b>SWEET POTATO</b></p> <p><b>[(vegetable, tuberous and corm, except potato, Subgroup 1D)]</b></p> <p>[arracacha; arrowroot; artichoke, Chinese; artichoke, Jerusalem; canna, edible; cassava, bitter and sweet; chayote (root); chufa; dasheen (taro); ginger; leren; sweet potato; tanier; turmeric; yam bean; yam, true]</p>					
Diseases	Application Rates		When to Apply	Special Use Instructions	Use Restrictions
	fl oz/A	GPA			
Black Rot ( <i>Ceratocystis fimbriata</i> )	9 (0.282 lb ai/A)	Ground minimum: 5	Make application in-furrow spray at planting.	<p>The application must be accomplished by placing the sweet potato slips into the open trench, directly spraying into the open trench and covering the sweet potato slips with soil.</p> <p>Use S-2200 4 SC Ag Fungicide as part of an Integrated Pest Management (IPM) program.</p> <p>The in-furrow application must be applied at the full per acre rate.</p>	<ul style="list-style-type: none"> <li>• Do not apply more than 9 fl oz (0.28lb ai/A) per year.</li> <li>• Do not make more than one application per year.</li> <li>• Do not apply by air.</li> </ul>

**PLEASE CONTACT VALENT U.S.A. LLC AT 800-6-VALENT (682-5368) TO DETERMINE IF THIS USE IS REGISTERED IN YOUR STATE.**

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Manufactured for:  
**Valent U.S.A. LLC**  
 P.O. Box 5075  
 San Ramon CA 94583

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