



RIMSULFURON	GROUP	2	HERBICIDE
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## **FIFRA Section 24(c) Special Local Need (SLN) Label**

**FOR DISTRIBUTION AND USE ONLY WITHIN THE STATE OF CALIFORNIA**

**For management of broomrape in tomatoes**

### **Matrix SG**

**EPA Reg No. 352-768**

**SLN # 303093**

#### **ATTENTION**

- 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.
- Follow all applicable directions, restrictions, Worker Protection Standard requirements and precautions on the EPA registered label for Matrix SG (352-768).

#### **Chemigation**

- Apply this product only through drip irrigation. 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, you should contact State Extension Service specialists, equipment manufacturers or other experts.
- Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system unless the pesticide label-prescribed safety devices for public water systems are in place.
- A person knowledgeable of the chemigation system and responsible for its operation or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise.

#### **Drip Irrigation – Tomatoes**

MATRIX® SG may be applied via chemigation using drip irrigation. The chemigation 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. The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump. 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interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down. The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops. 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. Systems must use a metering pump, including a positive displacement injection pump (e.g., diaphragm pump) effectively designed and constructed of materials that are compatible with pesticide(s) and capable of being fitted with a system interlock.

## USE RESTRICTIONS FOR DRIP IRRIGATION – Tomato

- When applying MATRIX® SG via chemigation to tomato, use drip irrigation equipment only.
- Do not connect an irrigation system used for MATRIX® SG Herbicide application to a public water system.
- Do not permit run-off during chemigation.

## USE PRECAUTIONS FOR DRIP IRRIGATION – Tomato

- Distributing treated water in an uneven manner can result in crop injury, lack of effectiveness, or over-tolerance pesticide residues in the crop. Therefore, to ensure that the mixture is applied evenly at the labeled rate, use sufficient water, apply the mixture for the proper length of time and ensure drip irrigation equipment produces a uniform water pattern.
- Continuous agitation in the mix tank is needed to keep the product from settling. If settling does occur, thoroughly agitate the tank mixture before using.

## Directions for Use

- For use on processing tomato for management of broomrape (*Phelipanche ramosa*, aka *Orobancha ramosa*) and Egyptian broomrape (*Phelipache aegyptiaca*). For management of broomrape, apply Matrix SG through buried- or surface-drip irrigation tubing to transplanted tomato. Apply at an application rate of 1.33 oz/A for up to 3 applications per season at approximately 30, 50 and 70 days after transplanting.
- Refer to product label for Matrix SG for Use Precautions, Mixing and Application directions.
- Surface or buried drip irrigation applications simulate banded applications.
- The amount of water and injection time may vary depending on soil type and irrigation system used. Introduce Matrix SG into the irrigation system at approximately the midpoint of the irrigation set to limit movement of the herbicide beyond the tomato root zone, where broomrape germination and attachment occurs, which may improve broomrape control. Factors such as soil type, irrigation system, injection timing and length, drip tape placement, etc. may affect weed control when Matrix SG is used through the drip irrigation system.
- After Matrix SG has been evenly applied across the field, flush the irrigation system prior to ending the irrigation.
- Do not apply more than a total of 4.0 oz/A Matrix SG (0.0625 lb ai/A rimsulfuron) on tomato during the same year.
- Do not make more than 3 applications of Matrix SG per year.
- Preharvest Interval: Do not apply within 45 days of harvest.
- **This label must be in the possession of the user at the time of application. Follow all recommendations and restrictions on the Matrix SG Section 3 labeling.**