

GRAPEFRUIT, LEMONS AND ORANGES - FL (GRAPEFRUIT AND ORANGES ONLY)

General Information

GENERAL INFORMATION

Apply this herbicide before weeds emerge or after removal of weed growth. Simazine 90 WDG controls a wide variety of annual broadleaf and grass weeds when used at selective rates in agricultural crops.

Where a range of application rates is given, use the low rate on coarse-textured soil and soil lower in organic matter; use the high rate on fine-textured soil and soil higher in organic matter.

To avoid spray drift, do not apply under windy conditions. Avoid spray overlap, as crop injury may result.

Since this product enters weeds mainly through their roots, moisture is needed to move it into the root zone. Very dry soil conditions and lack of rainfall following application may necessitate shallow cultivation.

This product is noncorrosive to equipment, nonflammable, and has low electrical conductivity.

Resistance Management

Simazine 90 WDG is a Group 5 Herbicide (contains the active ingredient simazine).

Following many years of continuous use of this product and chemically related products, biotypes of some of the weeds listed on the label have been reported which cannot be effectively controlled by this and related herbicides. Where this is known or suspected, and weeds controlled by this product are expected to be present along with resistant biotypes, we recommend the use of this product in registered combinations or in sequence with other registered herbicides which are not triazines, i.e. which are not solely a Group 5 Herbicide. If only resistant biotypes are expected to be present, use a registered herbicide which is not solely a Group 5 Herbicide. Consult with your State Agricultural Extension Service for specific

recommendations.

Perennial Crop Replanting

If replanting perennial crops, do not apply Simazine 90 WDG in the year preceding planting these crops, unless otherwise stated on the label, or crop injury may occur.

APPLICATION PROCEDURES

Ground application: Use conventional ground sprayers equipped with nozzles that provide accurate and uniform application. Be certain that nozzles are uniformly spaced and the same size. Calibrate sprayer before use and recalibrate at the start of each season and when changing carriers. Unless otherwise specified, use a minimum of 20 gals. Of spray mixture per acre.

Use a pump with capacity to: (1) maintain 35-40 psi at nozzles, (2) provide sufficient agitation in tank to keep mixture in suspension, and (3) to provide a minimum of 20% bypass at all times. Use centrifugal pumps which provide propeller shear action for dispersing and mixing this product. The pump should provide a minimum of 10 gals./minute/100 gals. tank size circulated through a correctly positioned sparger tube or jets.

Use screens to protect the pump and to prevent nozzles from clogging. Screens placed on suction side of pump should be 16-mesh or coarser. Do not place a screen in the recirculation line. Use 50-mesh or coarser screens between the pump and boom, and where required, at the nozzles. Check nozzles manufacturer's recommendations.

Refer in the label for tank mix information.

Limitations, Restrictions, and Exceptions

FRUIT AND NUT CROPS

Apply the spray to the orchard or vineyard floor, avoiding contact with fruit, foliage, or stems. Rates are based on broadcast treatment. For band applications or spot applications around fruit or nut trees, reduce the broadcast rate of this product and water per acre in proportion to the area actually sprayed.

Precautions: (All fruit and nut crops): To avoid crop injury, (1) Apply only to orchards or groves where trees have

been established 12 months or more, unless specified differently. (2) Make only one application per year, except as noted otherwise. (3) Do not use on gravelly, sand, or loamy sand soil. (4) Immediately following application, limit overhead sprinkler irrigation to 1/2 inch.

GRAPEFRUIT, LEMONS AND ORANGES

FL (Grapefruit and Oranges Only): Apply 4.4 lbs. of Simazine 90 WDG to weed-free soil during the spring and/or fall to control weeds expected to emerge during these periods.

Apply prior to emergence of weeds or if weeds have emerged, apply in tank mixture with a contact herbicide. Use caution to keep the treatment off the foliage, fruit, or trunk of citrus trees.

Do not apply more than 8.8 lbs. product (8 lbs. ai/acre) per calendar year. Do not apply more than 4.4 lbs. product (4 lbs. ai) /acre per application. Can be applied once during the fall and once during the spring.

Banded Applications: For control of difficult species a maximum of 8.8 lbs. product (8.0 lbs. ai) per treated acre may be applied in a single application in the spring as a 50% band. Apply no more than 8.8 lbs. product (8.0 lbs. ai) of Simazine 90 WDG per treated acre as a single application in the spring using a 50% band application. The amount of Simazine 90 WDG applied per acre of field should not exceed 4.4 lbs. of product (4 lbs. ai). Apply in the spring growing season between January and April. Do not make a fall application if this treatment was used in the spring.

Precautions (All areas): To avoid crop injury, (1) Do not use in nurseries, (2) Do not apply to bedded grapefruit, lemons, or oranges (except for FL grapefruit and oranges). (3) Do not apply to trees under stress from freeze damage for one year after the freeze. (4) Do not exceed 4.4 pounds per acre per year of Simazine 90 WDG Herbicide on grove planted trees 1 year old or less, or crop injury may occur.

Note: Dark-red grapefruit hybrids, e.g. "Star Ruby", have a higher risk of crop injury than non-dark-red types.

Method

Broadcast/Foliar Ground

Rates

field rates 0

field rates 1

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Restricted Entry Interval

12 hours

Exception: If the product is soil-injected or soil-incorporated, the Worker Protection Standard, under certain circumstances, allows workers to enter the treated area if there will be no contact with anything that has been treated.

Timings

Preemergence (Weed)

During the spring and/or fall.

In spring.