

FIELD AND FORAGE CROPS - CORN (FIELD AND SWEET)

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

FIELD AND FORAGE CROPS:

CORN (FIELD AND SWEET)

Apply a maximum of 2.2 pounds per acre (2.0 pounds active ingredient per acre) as a single preemergence application

on soils that are not highly erodible or on highly erodible soils, as defined by the Natural Resources

Conservation Service, if at least 30% of the soil is covered with plant residues. If a second treatment is required

following an earlier herbicide application, the total simazine applied may not exceed 2.7 pounds per acre (2.5 pounds active ingredient per acre) per calendar year.

Apply a maximum of 1.77 pounds per acre (1.6 pounds active ingredient per acre) as a single preemergence application on highly erodible soils if < 30% of the soil is covered with plant residues.

Pre-grazing/pre-harvest interval for field corn: 60 days.

Pre-grazing/pre-harvest interval for sweet corn: 45 days.

Nitrogen solutions or complete fluid fertilizers may replace all or part of the water as a carrier in the spray.

Determine the physical compatibility of this product with fertilizer before use. Refer to the Product Information section

of this label for a compatibility test. Do not apply after corn has emerged, as there is danger of liquid fertilizers causing crop injury.

Preemergence: Apply before weeds and corn emerge. Use the specified rate as stated above.

Preplant: Apply in the spring after plowing at the specified rate as stated above. Apply before, during or after final seedbed preparation. If soil is tilled or worked after application, avoid deep incorporation. Best results will be obtained when this product is applied within 2 weeks before planting. Under dry weather conditions, preplant applications may give better weed control. If weeds develop, particularly under relatively dry conditions, a shallow cultivation will generally result in better weed control.

Method

[Broadcast/Foliar Ground](#)

Pre-Harvest Interval

field corn: 60 days

sweet corn: 45 days

Rates

[field rates 0](#)

[field rates 1](#)

[field rates 2](#)

[field rates 3](#)

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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

[Preplant](#)

[Preemergence \(Weed\)](#)

[In late fall to early spring.](#)