

SORGHUM, SORGHUM-SUDAN HYBRIDS - PREEMERGENCE AT-PLANTING

General Information

GENERAL INFORMATION

This herbicide controls many annual broadleaf and grass weeds in corn, sorghum, sugarcane, and certain other crops specified on the label. It is also effective in industrial sites for control of most annual and many perennial broadleaf and grass weeds. This product may be applied before or after weeds emerge.

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 combinations or in sequence with other registered herbicides which are not triazines. If only resistant biotypes are expected to be present, use a registered non-triazine herbicide. Consult with your state Agricultural Extension Service for specific recommendations.

Since this product acts mainly through root absorption, its effectiveness depends on moisture to move it into the root zone. If weeds develop, a shallow cultivation or rotary hoeing will generally result in better weed control.

This product is nonflammable.

Avoid using near adjacent desirable plants or in greenhouses, or injury may occur.

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

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

NOTE: SIPCAM AGRO USA, INC. does not recommend applications in combination

with other herbicides or oils, except as specifically described on the label.

APPLICATION PROCEDURES

GROUND APPLICATION: Calibrate sprayer before use and recalibrate at the start of each season and when changing carriers. Unless otherwise specified, use a minimum of 10 gals. of spray mixture/A for all preplant incorporated, preplant surface, preemergence, and postemergence applications (with or without oil or surfactant) with ground equipment.

AERIAL APPLICATION: Use aerial application only where broadcast applications are specified. Apply in a minimum of 1 qt. of water for each quart of this product applied per acre. For postemergence treatments on corn and sorghum, apply recommended rate in a minimum of 2 gals. of water/A. Avoid applications under conditions where uniform coverage cannot be obtained or where excessive spray drift may occur.

APPLICATION IN WATER OR LIQUID FERTILIZER: Nitrogen solution or complete liquid fertilizer may replace all or part of the water as a carrier for preemergence, preplant incorporated, or preplant surface ground application on corn and sorghum. Check the compatibility of this product with liquid fertilizer and/or nitrogen solution before use. Do not apply in nitrogen solution or complete liquid fertilizer after corn or sorghum emerges, or crop injury may occur.

Refer to the label for directions on band applications.

Limitations, Restrictions, and Exceptions

SORGHUM, SORGHUM-SUDAN HYBRIDS - PREEMERGENCE, AT-PLANTING

The maximum application rate of sorghum is 2.5 lbs. a.i. (5 pts. Atrazine 4L) per acre per calendar year. Application for quackgrass suppression in sorghum are restricted to a spring application only. No fall applications are permitted.

Postemergence application to sorghum must be made before sorghum reaches 12 inches in height.

Giant foxtail, Large/hairy crabgrass, sicklepod: Partial control only.

Green foxtail, Witchgrass, Yellow foxtail, velvetleaf (buttonweed): Partial control only on medium and fine-textured soils.

PREEMERGENCE AT-PLANTING (Broadleaf and Grass Control): Apply during or shortly after planting, but prior to weed or crop emergence at recommended rate.

FOR ALL SOIL APPLICATIONS PRIOR TO CROP EMERGENCE

- ON HIGHLY ERODIBLE SOILS (as defined by SCS)

If conservation tillage is practiced, leaving at least 30% of the soil covered with plant residues at planting, apply 4 pints/A as a broadcast spray.

If the soil coverage with plant residue is less than 30% at planting, a maximum of 3.2 pints/A may be applied.

- ON SOILS NOT HIGHLY ERODIBLE

Apply 4 pints/A as a broadcast spray.

USE PRECAUTIONS AND RESTRICTIONS FOR ALL APPLICATIONS TO SORGHUM: (1) Heavy rain immediately following application tends to cause excessive concentrations of herbicide in seed furrow, resulting in possible crop injury. Do not apply to furrow-planted sorghum until furrows are leveled (plowed in). Level deep planter marks or seed furrows before application. (2) Application to sorghum growing under stress caused by minor element deficiency or to sorghum growing on highly calcareous soil may result in crop injury. (3) Following harvest, plow (moldboard or diskplow) and thoroughly till soil in fall or spring to minimize possible injury to spring-seeded rotational crops, regardless of rate used. (4) Injury may occur if both this herbicide, preplant surface, preplant incorporated, or preemergence, and an at-planting systemic insecticide applied in-furrow are used. (5) Do not apply more than 2.5 lbs. active ingredient (5 pts. of this product) per acre per calendar year. (6) For all soil applications prior to crop emergence, except do not apply to coarse-textured soils, i.e., sand, loamy sand, sandy loam, or to medium- and fine-textured soils having less than 1% organic matter, or injury may occur. (7) For postemergence applications, do not apply to sand or loamy sand, or injury may occur. (8) Do not graze or feed forage from treated areas for 21 days following application, or illegal residues may result.

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

[At-Plant](#)

[Preemergence \(Crop\)](#)

[Preemergence \(Weed\)](#)