

# **CORN AND SORGHUM - NOT HIGHLY-ERODIBLE - SPLIT TREATMENT**

## 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 green houses, 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: Helena Chemical Company does not recommend applications in combination with other herbicides or oils, except as specifically described on the label.

## 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 are 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 10 gals. of spray mixture/A for all preplant incorporated, preplant surface, preemergence, and postemergence application (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 coverage cannot be obtained or where excessive spray drift may occur.

For band applications, refer to the formula on the label for rate calculations.

## ATRAZINE 4L APPLIED ALONE - CORN OR GRAIN SORGHUM

Application for quackgrass suppression in corn and sorghum are restricted to a spring application only. No fall applications are permitted. Postemergence application to corn and sorghum must be made before corn and sorghum reaches 12 inches in height.

Preplant surface - Applied, Preplant Incorporated, or Preemergence (or Postemergence at 4 pts. ATRAZINE 4L /A with Oil). The maximum single application rate for corn and sorghum is 2 lbs active ingredient per acre per year.

Limitations, Restrictions, and Exceptions

## CORN AND SORGHUM

Preplant Surface-Applied (Broadleaf and grass control): Apply 2/3 the recommended rate of ATRAZINE 4L shown in Table 1 for the soil texture as a split treatment 30-45

days prior to planting and the remainder at planting. Applications made less than 30 days prior to planting may be as either a split or single treatment. On coarse-textured soils, do not apply more than two weeks prior to planting. If weeds are present at the time of treatment, apply in tank-mix combination with a contact herbicide, (for example, Gramoxone or Roundup). Observe directions for use, use precautions, and restrictions on the label of the contact herbicide. Note: To the extent possible, do not move treated soil out of the row or move untreated soil to the surface during planting, or weed control will be diminished.

**SORGHUM:** Do not apply preplant surface or preplant incorporated in AL, AR, FL, GA, LA, MS, NC, NM, OK, SC, TN, or TX.

Use precautions 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 disk-plow) 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.

Note: Do not graze or feed forage from treated areas for 21 days following application, or illegal residues may result.

On Soils Not Highly-Erodible

Apply 2/3 of 2 pounds active ingredient (4 pints of ATRAZINE 4L) per acre.

#### WEEDS CONTROLLED

Where there are state/local requirements regarding atrazine use (including lower maximum rates and/or higher set-backs) which are different from the label, the more restrictive/protective requirements apply. Certain states may have established rate limitations within specific geographical areas. Consult your state lead pesticide control agency for additional information. It is a violation of the label to deviate from state use regulations.

Giant foxtail, Cocklebur, Large (hairy) crabgrass, Sicklepod, and velvetleaf: Partial control only

Barnyard grass, Green foxtail, Panicum capillare, Buttonweed, and Yellow foxtail: Partial control only on medium and fine-textured soils.

Method

[Surface](#)

Rates

[field rates 0](#)

•

Restricted Entry Interval

12 hours

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.

Soils

[Medium](#)

[Fine](#)

Tillages

[No-Tillage](#)

[Minimum](#)

Timings

[At-Plant](#)

[30-45 days prior to planting](#)