

TURFGRASS AT RESIDENTIAL SITES

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

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Apply ATRAZINE 4L after October 1 before emergence of winter annual weeds. ATRAZINE 4L will control annual bluegrass even if it is emerged at time of treatment. For control of summer annual weeds listed in the preemergence portion of the ATRAZINE 4L Applied Alone-Corn or Grain Sorghum section of the label, also

apply ATRAZINE 4L in late winter before the weeds emerge. Apply in a minimum of 15 gals. of water per acre or 1 gal. per 1,000 sq. ft. Where annual bluegrass is the major weed, use 2 pints ATRAZINE 4L /A (22 ml or 0.75 fl. oz. per 1,000 sq. ft.). Use 2 pints ATRAZINE 4L /A (22 ml or 0.75 fl. oz. per 1,000 sq. ft.) for control of the other weeds named above. Do not exceed 2 pints ATRAZINE 4L /A per treatment on newly sprigged turfgrass or on hybrid bermudagrass such as Tiflawn, Tifway, and Ormond.

For continued summer annual weed control, apply another 2 pints active ingredient /A at least 30 days after the previous application, but not after April 15. However, do not make more than two applications of this product per year.

Restrictions:

Note: Do not graze or feed turf clippings to animals, or illegal residues may result.

Use precautions: On newly sprigged turfgrass and hybrid bermudagrass, temporary slowing of growth and yellowing may occur following application. To avoid turf injury:

- (1) Use only on turfgrass reasonably free of infestations of insects, nematodes, and diseases.
- (2) Do not use on golf greens.
- (3) Do not use north of NC (except may be used in Virginia Coastal Plains) or west of the high rainfall areas of eastern OK and eastern TX.
- (4) Do not use on muck or alkaline soils. (5) Do not apply over the rooting area of trees or ornamentals not listed on the label.
- (6) Do not overseed with desirable turfgrass within 4 months before or 6 months after treatment. (7) Do not apply this product to newly seeded bermudagrass until it has overwintered and has a well-developed rhizome system. Do not exceed 4 pints ATRAZINE 4L /A within 12 months of seeding bermudagrass.

Method

[Broadcast/Foliar Air](#)

[Broadcast/Foliar Ground](#)

Rates

[field rates 0](#)

[field rates 1](#)

[field rates 2](#)

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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.

Timings

[After October 1 before emergence of winter annual weeds](#)