

CORN - PREPLANT SURFACE-APPLIED (BROADLEAF AND GRASS CONTROL) - FOR ALL SOIL APPLICATIONS PRIOR TO CROP EMERGENCE - ON HIGHLY ERODIBLE SOILS

General Information

GENERAL INFORMATION

This herbicide controls many annual broadleaf and grass weeds in corn, sorghum, sugar cane, and certain other crops specified on the label. 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 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 noncorrosive to equipment and metal surfaces, is nonflammable, and has low electrical conductivity.

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 in coarse-textured soil and soil low in organic matter; use the higher rate on fine-textured soil and soil high in organic matter.

Note: Makhteshim Agan does not recommend applications in combination with other herbicides or oils except as specifically described on the label or in literature published by Makhteshim Agan.

When tank mixing or sequentially applying atrazine or products containing atrazine to corn or sorghum, do not exceed an application rate of 2.0 lbs. active ingredient (or 2.2 lbs. of this product) per acre for any single application, and the total lbs. of active ingredient per acre must not exceed 2.5 lbs. active ingredient (or 2.77 lbs. of this product) per acre per year.

When tank mixing or sequentially applying atrazine or products containing atrazine to crops other than corn or sorghum, the total pounds of atrazine applied (lbs. a.i. per acre) must not exceed the specific seasonal rate limits as noted in the use directions for each crop.

Refer in the label for the Application Procedures.

Limitations, Restrictions, and Exceptions

CORN

PREPLANT SURFACE-APPLIED (BROADLEAF AND GRASS CONTROL): Use on medium- and fine-textured soil with minimum-tillage or no-tillage systems only in CO, IA, IL, IN, KS, KY, MN, MO, MT, ND, NE, SD, WI, and WY. Apply the recommended rate of Atrazine 90DF shown in TABLE 1: BROADLEAF AND GRASS WEED CONTROL IN CORN section up to 45 days prior to planting. If an unsatisfactory length of weed control results from adverse environmental conditions following early treatment, a follow-up application of an appropriately labeled herbicide may be used. If the follow-up treatment includes atrazine, do not exceed the labeled rate for corn indicated in TABLE 1: BROADLEAF AND GRASS WEED CONTROL IN CORN section. On coarse-textured soils, do not apply more than 2 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 Extra or Roundup). Observe directions for 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.

TABLE 1: BROADLEAF AND GRASS WEED CONTROL IN CORN

FOR ALL SOIL APPLICATIONS PRIOR TO CROP EMERGENCE

- On Highly Erodible Soils (as defined by the Natural Resource Conservation Service)

If conservation tillage is practiced (leaving at least 30% of the soil covered with plant residues at planting), apply a maximum of 2.2 lbs./A of this product (2.0 lbs. active ingredient) as a single broadcast spray.

If the soil coverage with plant residue is less than 30% at planting, a maximum of 1.77 lbs./A of this product (1.6 lbs. active ingredient) may be applied.

NOTE:

- BROADLEAF CONTROL (EASTERN CO, WESTERN KS, WESTERN NE, NM, OK PANHANDLE, WEST TX, AND EASTERN WY): On sand, loamy sand, sandy loam, mild to strongly alkaline soil, and all recently leveled soil, apply no more than 1.3 lbs./A of this product, either preplant surface, preplant incorporated, or preemergence. On other soils in these areas, apply rate in TABLE 1: BROADLEAF AND GRASS WEED CONTROL IN CORN section for broadleaf and grass control.

Where there are state/local requirements regarding atrazine use (including lower maximum rates and/or greater setbacks) which are different from the label, the more restrictive/protective requirements must be followed. 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; Green foxtail; Large (hairy) crabgrass; Cocklebur; Sicklepod: Partial control only.

- Barnyardgrass (watergrass); Witchgrass (*Panicum capillare*); Yellow foxtail; Velvetleaf (buttonweed): Partial control only on medium- and fine-textured soils.

Method

[Broadcast/Foliar Ground](#)

[Surface](#)

[Broadcast/Foliar Ground](#)

[Surface](#)

Rates

[field_rates 0](#)

[field_rates 1](#)

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Restricted Entry Interval

12 hours

Soils

[Medium](#)

[Fine](#)

Tillages

[No-Tillage](#)

[Conservation](#)

[Minimum](#)

Timings

[Preemergence \(Crop\)](#)

[Preplant](#)