

PREEMERGENCE (COARSE) - GRAIN OR FORAGE SORGHUM

General Information

GENERAL INFORMATION

Charger Max ATZ Lite is a herbicide recommended before planting, before or after emergence (see directions) for control of most annual grasses and broadleaf weeds in corn. Charger Max ATZ Lite can also be used before crop emergence for control of most annual grasses and broadleaf weeds in grain or forage sorghum, provided the sorghum seed has been properly treated by the seed company with Concep. This product may be tank mixed with Balance PRO, Banvel, Dual MAGNUM formulations, Lorox or equivalent, or Princep 4L (Princep Caliber 90) for weed control in conventional tillage corn. This product may also be tank mixed with other herbicides specified on the label for weed control in conventional, minimum-till, and no-till corn, grain sorghum, or forage sorghum.

Note: Tank mixtures are permitted only in those states where the tank mix partner is registered. Refer to and follow the label of each product used for precautionary statements, directions for use, geographic and other restrictions.

When tank mixing or sequentially applying atrazine or products containing atrazine to corn or sorghum, do not exceed an application rate of 2.0 pounds active ingredient of atrazine per acre for any single application or 96 fl. ounces of Charger Max ATZ Lite per acre for any single application and the total pounds of atrazine applied (lb. a.i. per acre) must not exceed 2.5 pounds active ingredient per acre per year or 120 fl. ounces of Charger Max ATZ Lite per acre per year. Following many years of continuous use of atrazine (one of the ingredients in Charger Max ATZ Lite) and products chemically related to atrazine, biotypes of some of the weeds listed on the label which are controlled by the atrazine component have been reported to develop resistance to this and chemically 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 Charger Max ATZ Lite in combination or in sequence with registered herbicides which do not contain triazines. Consult with your State Agricultural Extension Service for specific recommendations.

Precautions: (1) If sorghum seed is not properly pretreated with Concep, Charger Max ATZ Lite will severely injure the crop. (2) Injury may occur to sorghum following the use of Charger Max ATZ Lite under abnormally high soil moisture conditions during early development of the crop.

Charger Max ATZ Lite alone or in tank mixture with Balance PRO, Banvel, Dual MAGNUM, Dual II MAGNUM, or Princep may be applied early preplant, preplant incorporated, preplant surface, or preemergence on corn in water or fluid fertilizer. Apply postemergence treatments of Charger Max ATZ Lite to corn, alone or in combination, using water only as the carrier. Charger Max ATZ Lite may be applied in tank mix combination with Gramoxone MAX, Landmaster BW, Touchdown, or Roundup with or without the above herbicides early preplant, preplant surface, or preemergence to corn. Charger Max ATZ Lite alone may also be applied on sorghum early preplant, preplant incorporated, preplant surface, or preemergence in water or in fluid fertilizer.

Charger Max ATZ Lite may be applied in water by aircraft. Applications in fluid fertilizer should be only by ground equipment.

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

Do not apply this product through any type of irrigation system.

Do not apply under conditions which favor runoff or wind erosion of soil containing this product to nontarget areas.

To prevent off-site movement due to runoff or wind erosion:

1. Avoid treating powdery dry or light sand soils when conditions are favorable for wind erosion. Under these conditions, the soil surface should first be settled by rainfall or irrigation.
2. Do not apply to impervious substrates, such as paved or highly compacted surfaces.

3. Do not use tailwater from the first flood or furrow irrigation of treated fields to treat nontarget crops, unless at least 1/2 inch of rainfall has occurred between application and the first irrigation.

Where reference is made to weeds partially controlled, partial control can either mean erratic control from good to poor or consistent control at a level below that generally considered acceptable for commercial weed control. Dry weather following preemergence application of Charger Max ATZ Lite or a tank mixture may reduce effectiveness. Cultivate if weeds develop in conventional tillage corn or sorghum.

Observe all precautions and limitations on the label of each product used in tank mixtures. Thoroughly clean sprayer or other application device before using. Dispose of cleaning solution in a responsible manner. Do not use a sprayer or applicator contaminated with other materials, or crop damage or sprayer clogging of the application device may occur.

FOR ALL SOIL APPLICATIONS PRIOR TO CROP EMERGENCE

- On Highly Erodible Land (as defined by the Natural Resource Conservation Service)
If conservation tillage is practiced, leaving at least 30% of the soil covering with plant residues at planting, apply a maximum of 2 lbs. of atrazine/A as a broadcast spray.

If soil coverage with plant residue is less than 30% at planting, a maximum of 1.6 lbs. of atrazine/A may be applied.

- On Land Not Highly Erodible

Apply a maximum of 2 lbs. of atrazine/A as a broadcast spray.

FOR POSTEMERGENCE APPLICATION TO FIELD CORN

If no atrazine was applied prior to field corn emergence, a maximum of 2 lbs. a.i./A may be applied postemergence. If a postemergence treatment is required following an earlier herbicide application containing atrazine, the total atrazine applied may not exceed 2.5 lbs. a.i. per acre per calendar year.

FAILURE TO FOLLOW THE DIRECTIONS FOR USE AND PRECAUTIONS ON THE LABEL

MAY RESULT IN POOR WEED CONTROL, CROP INJURY, OR ILLEGAL RESIDUES.

Note: Not for sale, use, or distribution in Nassau County or Suffolk County, New York.

Limitations, Restrictions, and Exceptions

Preplant Surface, Preplant Incorporated, or Preemergence (Sorghum-Seed Treated with Concep): Apply Charger Max ATZ Lite preplant surface, preplant incorporated, or preemergence, using the appropriate rates from Table 6 at the label.

Preplant Surface: Apply uniformly to the soil surface within 14 days before planting.
Preplant Incorporated: Apply to the soil and incorporate into the top 2 inches of the soil within 14 days before planting, using a finishing disk, finishing harrow, rolling cultivator, or similar implement capable of providing uniform 2-inch incorporation. Use the preplant incorporated method if furrow irrigation is used or when a period of dry weather after application is expected. If crop is to be planted on beds, apply and incorporate after bed formation.

Preemergence: Apply to the soil surface at planting (behind the planter) or after planting, but before weeds or crop emerge.

Precautions: To avoid possible crop injury, (1) Do not apply Charger Max ATZ Lite on highly alkaline soils (pH greater than 8.0) or on eroded areas where calcareous subsoils are exposed. (2) Do not apply Charger Max ATZ Lite when sorghum is planted in deep furrows because heavy rains following application can cause excessive concentrations of herbicide in the furrow. (3) Do not apply to sorghum grown under dry mulch tillage. (4) Injury may occur if both Charger Max ATZ Lite applied early preplant, preplant surface, preplant incorporated, or preemergence and an atplanting systemic insecticide applied in-furrow are used. (5) In addition, sorghum growing under stress caused by minor element deficiency may be injured by Charger Max ATZ Lite. (6) Do not harvest sorghum forage within 60 days after the last application.

Note: Do not use Grain or Forage Sorghum, in NM or TX, except in the TX Panhandle, Gulf Coast, and Blacklands areas. Do not apply preplant incorporated in AZ or the Imperial Valley of CA.

Do not use on Broadcast rate/ acre on any organic level.

Method

[Broadcast/Foliar Ground](#)

Restricted Entry Interval

24 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.

Soils

[Loamy Sand](#)

[Sandy Loam](#)

[Sand](#)

Timings

[Preemergence \(Crop\)](#)