POSTHARVEST BURNDOWN APPLICATION - FIELD CORN, POPCORN, SWEET CORN, CORN GROWN FOR SEED, CEREALS, GRAIN OR FORAGE SORGHUM AND SOYBEAN

General Information

USE INFORMATION
Autumn Herbicide is a sulfonylurea herbicide. Autumn Herbicide may be used for burndown of existing vegetation and residual weed control when applied to no-till or conservation tillage fields anytime after the fall harvest. Do not apply to frozen ground. Weed growth ceases within hours after Autumn Herbicide is applied. Symptoms progress from yellowing to necrosis resulting in eventual plant death within 1-4 weeks after application.
Autumn Herbicide will not provide season-long preemergence control of annual grass and broadleaf weeds.
- For extended control in LibertyLink, glufosinate-tolerant corn, follow Autumn Herbicide with an in-season application of LIBERTY herbicide.
- For extended control in conventional corn, follow Autumn Herbicide with sequential programs based on targeted weeds. Such programs include Balance, Define, Radius, Option, and Buctril Herbicides.
- For season long control in soybean, follow Autumn Herbicide with a sequential program based on targeted weeds.

APPLICATION TIMING
Autumn Herbicide may be applied after the fall harvest and at least 30 days prior to planting field corn, or at least 90 days prior to planting soybean, sweet corn, popcorn, or corn grown for seed. Do not apply to frozen ground. Best results are obtained when applications are made to actively growing weeds. Autumn Herbicide will affect weeds that are larger than the listed height, however, speed of activity and control may be reduced. Autumn Herbicide will provide short term residual of small seeded broadleaf weeds.

SPRAY ADDITIVES
Autumn Herbicide is a water dispersible granule that requires the use of an external adjuvant and nitrogen fertilizer.
- The addition of Crop Oil Concentrate at 1% v/v (1 gallon per 100 gallons of final

spray volume) is required.
- The addition of nitrogen fertilizer (28 or 32% Urea Ammonium Nitrate at 1.5-2 qts/A or Spray Grade Ammonium Sulfate at 1.5-3.0 lbs/A) is required.

APPLICATION METHODS
Uniform, thorough spray coverage is important to achieve consistent weed control. Select spray nozzles and pressure that deliver MEDIUM spray droplets as indicated in nozzle manufacturer's catalogs and in accordance with ASAE Standard S-572. Nozzles that deliver COARSE spray droplets may be used to reduce spray drift provided spray volume per acre (GPA) is increased to maintain coverage of weeds. Do not use nozzles that produce FINE (e.g. – Cone) or EXTRA COARSE (e.g. – Flood jet) spray droplets.
Do not apply Autumn Herbicide using aerial application.

GROUND APPLICATION
Autumn Herbicide may be applied as a broadcast treatment in a minimum of 10 gallons of water per acre. For weed control in dense weed populations, control of weeds under adverse growing conditions, or control of mature weeds use higher spray volumes up to 30 gallons per acre.
Typically flat fan nozzles operated at 30-60 psi will deliver MEDIUM spray droplets, providing optimum spray coverage and canopy penetration.
Lower pressure operation and/or higher volume flat fan nozzles, typically deliver COARSE sprays. Refer to nozzle manufacturer catalogs.
Air induction nozzles should be used at or near 60 psi to produce a medium droplet size.

WEED CONTROL INSTRUCTIONS
Weed Control
Autumn Herbicide may be applied at a rate of up to a maximum of 0.3 ounces of product per acre (0.001875 lbs active ingredient per acre) in crop stubble for the control of certain broadleaf weeds up to 3 inches in height and annual grasses no greater than 1 inch in height.
- For suppression only of Canada Thistle and Pokeweed.

Weed Resistance

ALS-resistance exists in some biotypes. These biotypes will not be controlled by Autumn Herbicide. Consider using herbicides with other modes of actions such as 2,4-D to control these species.

FIELD BIOASSAY

A field bioassay must be completed before rotating to crops other than those specified in the "Rotational Crop Directions" section of this label.
To conduct an effective field bioassay, grow strips of the crop you intend to grow in the following season in a field previously treated with Autumn Herbicide. The test strip should include low areas and knolls, and include variations in soil such as type and pH. Crop response to the bioassay will determine if the crop(s) grown in the test strips can be grown safely in the areas previously treated with Autumn Herbicide.

RESISTANCE MANAGEMENT

Some weed populations may contain plants naturally resistant to Autumn Herbicide or other herbicides with the same mode of action (ALS/AHAS enzyme inhibitors). Repeated use of herbicides with the same mode of action allow resistant weeds to spread. To manage the development and spread of resistant weed populations, use herbicides with different modes of action in tank mixture, rotation or in conjunction with alternate cultural practices.

USE RESTRICTIONS

1. DO NOT apply more than a total of 0.001875 lbs active ingredient of iodosulfuron per acre in a single calendar year. (Equivalent to 0.3 oz of product).
2. DO NOT apply when wind causes drift to off-site vegetation, as injury may occur. Small amounts of Autumn Herbicide delivered via drift or spray tank combinations can damage other plants. Carefully manage spray drift and tank cleanout.
3. DO NOT apply this product by air or through any type of irrigation system.
4. When this product is used as a post-harvest burndown application, no other product containing active ingredient iodosulfuron may be applied for any other use in the same calendar year on the same acreage.
5. Do not make more than 1 application per year.
6. For sweet corn, popcorn, or corn grown for seed, use as a post-harvest burndown application in the fall at least 90 days prior to planting.

USE PRECAUTIONS

1. Rainfall within 2 hours may result in reduced weed control. Established weeds

should be actively growing when the herbicide application is made. Weed control may be reduced if application is made when weeds are dust covered or in the presence of heavy dew, fog, and mist/rain or when weeds are under stress due to drought.
2. Apply Autumn Herbicide spray mixtures within 24 hours of mixing to avoid product degradation.
3. DO NOT apply to soils with pH > 8.0.
4. Do not use nitrogen solutions as spray carriers with Autumn Herbicide.

Limitations, Restrictions, and Exceptions

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-For extended control in conventional corn, follow Autumn Herbicide with sequential programs based on targeted weeds.
Such programs include Balance Flexx, Corvus, Capreno and Laudis.
-For season long control in soybean, follow Autumn Herbicide with a sequential program based on targeted weeds.

APPLICATION TIMING

Autumn Herbicide may be applied after the fall harvest and at least 30 days prior to planting field corn, cereals and grain and forage sorghum, or at least 60 days prior to planting soybean, sweet corn, popcorn, or corn grown for seed. Do not apply to frozen ground.

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Method

Spray

Rates

field_rates 0

field_rates 1

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Restricted Entry Interval

12 hours

Timings

Postemergence (Weed)

Postemergence (Weed)