SOYBEAN - BROADLEAF WEEDS CONTROLLED PLUS AMMONIUM SULFATE

General Information

INFORMATION

Ignite 280 SL Herbicide is a water-soluble herbicide for application as a foliar spray for the control of a broad spectrum of emerged annual and perennial grass and broadleaf weeds in LibertyLink canola, LibertyLink corn, LibertyLink cotton, and LibertyLink soybean. Ignite 280 SL Herbicide may also be applied as a broadcast burndown application before planting or prior to emergence of any conventional or transgenic variety of canola, corn, cotton, soybean or sugar beet. Ignite 280 SL Herbicide is only foliar-active with little or no activity in soil. Weeds that emerge after application will not be controlled. Apply Ignite 280 SL Herbicide to actively growing weeds as described in the Weed Control Recommendations for Row Crops section to get maximum weed control. Uniform, thorough spray coverage is necessary to achieve consistent weed control. Necrosis of leaves and young shoots occur within 2 to 4 days after application under good growing conditions.

- Ignite 280 SL Herbicide is rainfast four (4) hours after application to most weed species; therefore, rainfall within four (4) hours may necessitate retreatment or may result in reduced weed control.
- Applications should be made between dawn and 2 hours before sunset to avoid the possibility of reduced lambsquarters and velvetleaf control.
- Weed control may be reduced if application is made when heavy dew, fog and mist/rain are present; or when weeds are under stress due to environmental conditions such as drought, cool temperatures or extended periods of cloudiness.
- To maximize weed control, do not cultivate from 5 days before an application to 7 days after an application.

APPLICATION AND MIXING PROCEDURES

Ground Application: Ignite 280 SL Herbicide should be applied broadcast in a minimum of 15 gallons of water per acre. Under dense weed/crop canopies, 20 to 40 gallons of water per acre should be used so that thorough spray coverage will be obtained. Apply Ignite 280 SL Herbicide using nozzles and pressures that generate
MEDIUM (about 250 to 350 microns) spray droplets category as reported by the nozzle manufacturer and in accordance to ASABE S 572. Do not use nozzles and pressures that result in COARSE sprays. FINE sprays should also be avoided to minimize spray drift risk. Boom height should be based on nozzle manufacturer recommendations. See the Spray Drift Management section of the label for additional information on proper application of Ignite 280 SL Herbicide.

Aerial Application: Poor coverage will result in reduced weed control. For optimal weed control, apply Ignite 280 SL Herbicide in a minimum of 10 gallons per acre. Apply Ignite 280 SL Herbicide using nozzles and pressures that generate MEDIUM (about 300 to 400 microns) spray droplets category as reported by the nozzle manufacturer and in accordance to ASABE S 572 based upon the selected air speed. Do not use nozzles and pressures that result in COARSE sprays. FINE sprays should also be avoided to minimize spray drift risk. See the Spray Drift Management section of the label for additional information on proper application of Ignite 280 SL Herbicide.

Limitations, Restrictions, and Exceptions

CORN, SOYBEAN AND CANOLA

APPLICATION DIRECTIONS FOR USE ON FIELD CORN, SILAGE CORN AND SOYBEANS

THOROUGH SPRAY COVERAGE IS VERY IMPORTANT. Visual effects and control from Ignite 280 SL Herbicide applications occur within 2 to 4 days after application under good growing conditions. Ignite 280 SL Herbicide works best when weeds are actively growing. To maximize weed control, no cultivation should occur in the period from 5 days before an application to 5 days after an application of Ignite 280 SL Herbicide.

Use on Field Corn, Silage Corn and Soybeans not permitted in California unless otherwise directed by supplemental labeling.

APPLICATION TIMING

Ignite 280 SL Herbicide is a foliar-active material with little or no soil-residual activity. Best results are obtained when applications are made to actively growing weeds. Weeds that emerge after application will not be controlled. Applications of Ignite 280 SL Herbicide following the use of soil-applied insecticides will not injure
Applications of Ignite 280 SL Herbicide on corn may be made with over-the-top broadcast or drop nozzles from emergence through the 5th leaf collar growth stage (i.e. V-5, 5 developed collars). For corn in the V-5 growth stage (~24” tall), only apply Ignite 280 SL Herbicide using ground application and drop nozzles and avoid spraying into the whorl or leaf axils of the corn stalks.

Applications of Ignite 280 SL Herbicide on soybeans may be made from emergence up to but not including the bloom growth stage. Ignite 280 SL Herbicide is rainfast 4 hours after application to most weed species. Rainfall within 4 hours may necessitate retreatment or may result in reduced weed control. Applications should be made between dawn and two hours before sunset to avoid the possibility of reduced control of lambsquarters and velvetleaf. Do not apply when wind causes drift to off-site vegetation as injury may occur. Weed control may be reduced if application is made when heavy dew, fog, and mist/rain are present or when weeds are under stress due to drought, cool temperatures, or extended periods of cloudiness.

Apply Ignite 280 SL Herbicide at rates of 20 to 24 fluid ounces per acre. Refer to the Rate Recommendation Tables for Weed Control for selection of the proper rate dependent upon weed species and size. A repeat application of Ignite 280 SL Herbicide or a tank mix application with a residual herbicide selected from the tank mix partners listed on the label will be needed to control weeds that have not yet emerged at the time of application.

RESTRICTIONS TO THE DIRECTIONS FOR USE ON FIELD CORN, SILAGE CORN AND SOYBEANS

1. DO NOT apply more than two applications of Ignite 280 SL Herbicide to the corn or the soybean crop. DO NOT apply more than 44 fluid ounces of Ignite 280 SL Herbicide per acre on corn or soybeans per growing season.
2. DO NOT apply Ignite 280 SL Herbicide within 60 days of harvesting corn forage and within 70 days of harvesting corn grain and corn fodder.
3. DO NOT apply Ignite 280 SL Herbicide within 70 days of harvesting soybean seed.
4. DO NOT harvest treated green soybean plants for forage and hay feed for livestock.
5. Rotational Crop Restrictions
Rotational Crop Planting Intervals Following Application of Ignite 280 SL Herbicide to Corn and Soybean. Failure to comply with these restrictions may result in illegal residues in rotated crops.

6. DO NOT use nitrogen solutions as spray carriers. A silicone-based antifoam agent may be added if needed.

7. DO NOT apply Ignite 280 SL Herbicide if soybeans or corn show injury from prior herbicide applications or environmental stress (drought, excessive rainfall, etc.).

8. DO NOT apply this product through any type of irrigation system.

9. Volunteer LibertyLink crop plants from the previous season will not be controlled by an application of Ignite 280 SL Herbicide.

APPLICATION METHOD

Refer to the Rate Recommendation Tables for Weed Control in the following section for the proper application rates. Uniform, thorough spray coverage is important to achieve consistent weed control.

Ground Application: Ignite 280 SL Herbicide should be applied broadcast in a minimum of 15 gallons of water per acre. Under dense weed/crop canopies, 20 to 40 gallons of water per acre should be used so that thorough spray coverage will be obtained. Apply Ignite 280 SL Herbicide using 80-degree or 110-degree flat-fan nozzles. Select a spray pressure between 30 to 60 pounds per square inch (psi) measured at the nozzle which will achieve a droplet size of about 300 microns. If Turbo TeeJet spray tips are used, a spray pressure of 60 or more pounds per square inch will be required to get thorough coverage of the weed foliage. Flood-jet nozzles, raindrop nozzles, controlled droplet application equipment, or air-assisted spray equipment do not provide adequate coverage characteristics; and therefore, are not recommended because weed control is likely to be reduced. DO NOT apply when winds are gusty or when conditions will favor movement of spray particles off the desired spray target. To avoid drift and insure consistent weed control, apply Ignite 280 SL Herbicide with the spray boom as low as possible while maintaining a uniform spray pattern. For ground boom applications, apply with nozzle height no more than 4 feet above the ground or crop canopy.

Aerial Application: Use 24 fluid ounces of Ignite 280 SL Herbicide per acre for aerial application. Do not apply more than 43 fl. oz. of Ignite 280 SL Herbicide per acre per growing season. Poor coverage will result in reduced weed control. Ignite 280 SL Herbicide should be applied in a minimum of 5 gallons per acre with spray nozzle
tips and sufficient pressure to provide a uniform pattern and median droplet size of 350 to 450 microns. Aerial applications with this product should be made at a maximum height of 10 feet above the crop with low drift nozzles at a maximum pressure of 40 psi. Avoid application during conditions when uniform coverage cannot be obtained or where excessive spray drift may occur. Do not apply when wind causes drift to off-site vegetation.

Pre-plant Burndown Application Timing

Ignite 280 SL Herbicide may be applied as a pre-plant burndown to fields being prepared for planting of Ignite 280 SL Herbicide tolerant and non-tolerant corn and soybean. Up to 24 fluid ounces of Ignite 280 SL Herbicide per acre may be applied in a single application. The seasonal total for corn and soybean may not exceed 44 fluid ounces per acre.

Broadleaf Weeds Controlled with Ignite 280 SL Herbicide Plus Ammonium Sulfate in Soybean

Notes:
1. Cotton, volunteer; Soybeans, volunteer: Volunteer LibertyLink crops from the previous season will not be controlled.
2. Cotton, volunteer; Soybeans, volunteer: Cultivation 7 to 10 days after application and/or retreatment 10-21 days after the first application is recommended for controlling dense clumps of volunteer non-LibertyLink crops.
3. Horsenettle, Carolina; Marestail; Thistle, Russian: May require sequential applications for control.

Method
Broadcast/Foliar Air
Broadcast/Foliar Ground
Rates
field_rates 0

Restricted Entry Interval
12 hours

Timings
When weeds are actively growing.