

 **NON-SELECTIVE HERBICIDE**

# SURMISE<sup>®</sup> 5

**A NON-SELECTIVE HERBICIDE FOR POSTEMERGENCE BROADCAST USE ON CANOLA, CORN, COTTON, AND SOYBEAN DESIGNATED AS GLUFOSINATE RESISTANT.**



A non-selective, water-soluble herbicide for postemergence broadcast use on canola, corn, cotton, and soybean designated as glufosinate resistant. Surmise 5 may be used for weed control in non-glufosinate resistant cotton when applied with a hooded sprayer in-crop. May be applied as a broadcast burndown application before planting or prior to emergence of any variety of canola, corn, sweet corn\*, cotton, soybean or sugar beet, and used for postemergence weed control in listed tree vine and berry crops. Surmise 5 may also be applied for potato vine desiccation.

*\*Not for use in California*

## PRODUCT FEATURES

- Highly concentrated formulation that provides more efficient transportation and handling characteristics.
- Offers foliar activity on undesirable weeds and is rainfast 4 hours after application to most weed species.
- Excellent replacement for glyphosate in resistant weed situations.
- Can be applied through ground or aerial application systems.
- Field tested for crop safety on LibertyLink<sup>®</sup> corn, soybean and cotton varieties. No crop response was seen when applied at 1x, 2x and 3x rates, with all treatments providing excellent crop safety.
- Listed as an approved tank-mix component with Enlist One<sup>®</sup> herbicide.

*NOTE: Does not contain blue dye in order to eliminate confusion with original Surmise.*

See label for complete application guidelines and restrictions.

### ACTIVE INGREDIENT

4.6 lb/gal glufosinate

### HRAC GROUP

10

### FORMULATION

Liquid

### REI

12 hours

### COMPARE TO

Liberty<sup>®</sup>

### MODE OF ACTION

Glutamine synthesis inhibitor

### SIGNAL WORD

Caution

### RESTRICTED USE

No

### PACKAGING

2 x 2.5 gal, 135 gal, NR 265, bulk

### EPA REG NUMBER

42750-401 | AD022322

# SURMISE® 5

## FREQUENTLY ASKED QUESTIONS

### How should I apply Surmise 5 for best results?

- Apply to actively growing weeds, targeting weeds less than 3" in height.
- Use a minimum spray volume of 15 gallons per acre, unless there is a difficult-to-control situation such as dense canopy, large weeds or unfavorable growing conditions. In difficult-to-control situations, use a minimum spray volume of 20 gallons per acre.
- Applications must be made between dawn and 2 hours before sunset to avoid the possibility of reduced lambsquarters, palmer amaranth 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 including drought, cool temperatures or extended periods of cloudiness.
- Warm temperatures, high humidity and bright sunlight improve the performance of Surmise 5.
- To maximize weed control, DO NOT cultivate from 5 days before an application to 7 days after an application
- Surmise 5 is rainfast four hours after application to most weed species
- DO NOT use flood jet nozzles, controlled droplet application equipment or air-assisted spray equipment. Uniform thorough spray coverage is important to achieve consistent weed control.

### Surmise 5 has a different concentration than other glufosinate herbicides. What is the conversion rate?

- For any glufosinate formulations that contain 2.34 lbs active ingredient per gallon (e.g. Liberty 280SL) use the following formula to convert to Surmise 5 rate: Liberty 280SL rate X 0.509.

### Do I need an adjuvant with Surmise 5?

- Ammonium sulfate (AMS) can be used. Rates are dependent on crop, tank mix partners, environmental conditions, temperatures and potential for leaf burn. AMS has shown to improve control of difficult-to-control weeds like velvetleaf and lambsquarters under difficult environmental conditions (low relative humidity) or hard water. An anti-foam agent is advised.



◀ See label for complete application guidelines and restrictions.

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