

Tide Glufosinate Ammonium 150 SL Herbicide and Desiccant Technology

By incorporating Tide Glufosinate Ammonium 150 SL into your crop management program, you can achieve broad-spectrum weed control and effective crop desiccation. This non-selective herbicide provides rapid action against a wide range of weeds, making it an essential tool for growers looking to optimize harvest efficiency and manage weed pressure effectively.



Why Choose Tide Glufosinate Ammonium 150SL?

- *Effective against tough annual and perennial weeds*
- *Compatible with LibertyLink® crop systems*
- *Flexible application rates for various weed pressures*
- *Non-volatile formulation for safer application*
- *Compatible with multiple tank mix partners*

Active Ingredient: Glufosinate Ammonium – 150 g/L

Chemistry Group: Group 10 – Glutamine Synthetase Inhibitor (*Non-Selective Contact Herbicide and Desiccant*)

Product Benefits

BROAD-SPECTRUM WEED CONTROL

Effectively controls a wide range of annual and perennial grasses and broadleaf weeds, making it a versatile solution for multiple cropping systems.

FAST-ACTING CONTACT HERBICIDE

Provides rapid burn-down effects, with visible signs of weed desiccation within hours to a few days after application.

NON-SELECTIVE HERBICIDAL ACTION

Targets all green plant tissues, making it effective for total vegetation control in fallow land, orchards, vineyards, and non-crop areas.

EFFECTIVE CROP DESICCANT

Speeds up drying in crops such as canola, pulses, and cotton, allowing for more uniform and efficient harvesting.

MINIMAL SOIL RESIDUAL ACTIVITY

Deactivates upon contact with soil, reducing carryover risks and allowing for greater rotational crop flexibility.

RESISTANCE MANAGEMENT TOOL

As a Group 10 herbicide, it provides an alternative mode of action to combat herbicide-resistant weed populations.

Uses

WEED CONTROL APPLICATIONS

ROW CROPS

- Soybeans
- Canola

PRE-HARVEST DESICCATION APPLICATIONS

- Alfalfa (grown for seed)

Note: Always follow local label recommendations, as crop compatibility and usage rates may vary.

Packaging

- 500L/IBC Totes
- 1000L/IBC Totes

Precautions & Best Practices

For Weed Control: Apply when weeds are actively growing, ensuring thorough spray coverage for optimal results.

For Desiccation: Apply at the appropriate pre-harvest timing to maximize drying and facilitate uniform crop maturity.

Use Adjuvants: For enhanced herbicidal activity, use a recommended adjuvant to improve spray coverage and absorption.

Tank-Mixing: Can be mixed with other herbicides to expand the spectrum of control.

Ensure complete spray coverage – contact herbicide requires full leaf coverage.

Use 80° or 110° flat fan nozzles at 45° forward angle for optimal coverage.

Rainfast in 4 hours – avoid application if rain is imminent.

Safety & Environmental Considerations:

⊘ Do NOT apply by air for hybrid seed production.

Buffer Zones: 1 metre for field sprayers to protect sensitive terrestrial or aquatic habitats.

Observe Pre-Harvest Intervals (PHI):

- **Canola:** No restriction for grain, 60 days for grazing if tank mixed.
- **Soybeans:** 70 days before harvest, 20 days for grazing.

Caution: Application to non-tolerant crops will cause severe injury or death.

Application Guidelines

WEED CONTROL

CROP	WEEDS CONTROLLED	RATE (L/ACRE)	APPLICATION METHOD	WATER VOLUME (US GAL/ACRE)	TIMING
Glufosinate-Tolerant Canola and Soybeans	Broad-spectrum weed control (lamb's-quarters, redroot pigweed, foxtail, barnyard grass, volunteer wheat)	0.8 - 1.6 L/acre	Ground & Aerial	12 - 24 gal/acre	Apply from cotyledon to early bolting (canola) or flowering (soybeans)
Same Crops (For tougher weeds)	Kochia, Canada thistle, volunteer barley, wild buckwheat	1.1 - 1.6 L/acre	Ground & Aerial	12 - 24 gal/acre	Apply when weeds are at early growth stage

DESICCATION

CROP	PURPOSE	RATE (L/ACRE)	APPLICATION METHOD	WATER VOLUME (US GAL/ACRE)	TIMING
Hybrid Canola Seed Production	Removal of segregating wild-type plants	1.35 - 1.6 L/acre (1st & 2nd application) Up to 1.6 L/acre (3rd application if necessary)	Ground & Aerial	12 - 24 gal/acre	First at 2-4 leaf stage, second at 4-6 leaf stage, third before bolting if needed
Alfalfa (grown for seed)	Desiccation	1.1 L/acre	Ground & Aerial	12 - 24 gal/acre	Apply at 50-75% pod turn brown stage

Maximum Seasonal Application: 4.85 L/acre per year (equivalent to 12 L/ha per year)

TANK-MIXING RECOMMENDATIONS

CROP	TANK MIX PARTNER	RATE (L OR ML/ACRE)	NOTES
Canola	TIDE Clethodim + TIDE Plant guard or Centurion® or Select® + Amigo Adjuvant (0.5% v/v)	25 mL/acre	For volunteer barley and improved wild oat control
Canola	Facet® L + Merge®	0.113 L/acre Facet + 0.2 - 0.4 L/acre Merge	For enhanced cleavers control
Canola	Facet® L + TIDE Clethodim + TIDE Plant Guard or Centurion® + Amigo® or Merge®	0.113 L/acre Facet + 25 mL/acre TIDE Clethodim + 0.2 L/acre TIDE Plant Guard or Centurion + 0.2 L/acre Amigo/Merge	For enhanced control of cleavers and annual grasses

⊘ Do NOT tank mix with fertilizers or adjuvants unless recommended.

Use of this product must comply with the label requirements. Always check and follow the most up-to-date label before application.



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