Liberty® 150 SN

Herbicide

SUPPORTED BY THE ADVANCED WEED CONTROL PROGRAM

Exceptional, consistent performance.

- **Exceptional performance:** Consistent, industry-leading control of broadleaf and grassy weeds
- **Trusted formulation:** Over 25 years in development, designed for optimal performance and usability
- **Performance support guarantee:** Liberty® 150 herbicide will meet labelled expectations or we will support

Active ingredient

Glufosinate ammonium – Group 10

Concentration

150 g/L

Formulation

Solution

One case contains

2 x 13.5 L jugs
Also available in 108 L shuttle, 432 L tote and 864 L tote

Storage

Requires heated storage.

Crops	Staging
Canola (LibertyLink® varieties only)	cotyledon until prior to bolting

Weeds controlled	Staging
Broadleafs	1 to 6 leaf (except where indicated)
Canada thistle[1]	up to 10 cm height
Cleavers[2]	1 to 2 whorls
Common chickweed	1 to 4 leaf pairs
Cow cockle	1 to 4 leaf
Dandelion	1 to 15 cm rosette
Flixweed	up to 10 cm height
Hemp-nettle	1 to 3 leaf pairs
Jimsonweed	
Kochia	up to 8 cm height
Lady's thumb	
Lamb's quarters	
Perennial sow thistle	1 to 8 leaf
Redroot pigweed	1 to 4 leaf
Round-leaved mallow	1 to 4 leaf
Russian thistle	up to 8 cm height
Scentless chamomile	up to 10 cm height
Shepherd's-purse	
Smartweed	
Stinkweed	1 to 8 leaf
Stork's bill	1 to 3 leaf
Volunteer flax	up to 6 cm height
Wild buckwheat	1 to 3 leaf
Wild mustard	1 to 5 leaf
Grasses	1 to 4 leaf (except where indicated)
Barnyard grass	
Brome grass (downy, Japanese)[3]	1 to 6 leaf
Foxtail barley[4]	
Green foxtail	1 to 6 leaf
Quackgrass[5]	
Volunteer barley[6]	
Volunteer wheat	
Wild oats	

[1] Top growth suppression only.
[2] Tank mix with Facet® L herbicide for enhanced cleavers control.
[3] Spring-germinated brome only; best results are obtained after a pre-seed or burndown application with a glyphosate herbicide.
[4] When tank mixed with Centurion® herbicide at 77 ml/ac.
[5] When tank mixed with Centurion at 154 ml/ac.
[6] Suppression only. Tank mix with Centurion for control.

BASF
We create chemistry

Liberty® 150 SN

Herbicide

Application rates

One case will treat 17 to 20 acres, one shuttle will treat 67 to 80 acres, one 432 L tote will treat 267 to 320 acres and one 864 L tote will treat 533 to 640 acres.

Canola	1.35 to 1.62 L/ac (3.33 to 4 L/ha)[7,8]

Water volume

Ground application	45 L/ac (10 gal/ac)
Aerial application	22 L/ac (6 gal/ac)

[7] Early timing of first pass at 1.35 to 1.62 L/ac is critical. A second pass of 1.35 to 1.62 L/ac may be applied 10 to 14 days after the first application for flushing weeds.
[8] No more than 4.86 L/ac of Liberty 150 can be applied in a single season.

Mixing order

Liberty 150 + Centurion (co-pack)	Liberty 150 + Centurion ADV	Liberty 150 + Facet L	Liberty 150 + Facet L + Centurion (co-pack)	Liberty 150 + Facet L + Centurion ADV
1. Amigo® adjuvant[9] 2. Liberty 150 3. Centurion	1. Liberty 150 2. Centurion ADV	1. Liberty 150 2. Facet L 3. Merge® adjuvant	1. Amigo[9] 2. Liberty 150 3. Facet L 4. Centurion	1. Liberty 150 2. Facet L 3. Centurion ADV

[9] Merge adjuvant can be used in place of Amigo. The two adjuvants cannot be mixed together.

Application tips

Rainfastness – 4 hours.

Spray in the middle of the day in warm (over 10°C) and sunny conditions, and when weeds are small and actively growing.

Liberty 150 SN is a contact herbicide; therefore, avoid applying when there is dew. Use a higher water volume (10 gal/ac) and use nozzles designed to achieve a medium to coarse droplet size (250 to 350 microns) for good contact and optimal coverage.

Pre-harvest interval

60 days after application for canola.

Follow crops

Refer to label.

Liberty and Trait Agreement (LTA)

Ensure you have a signed LTA in place. Contact your local InVigor® hybrid canola or Liberty retailer. Talk to your BASF **AgSolutions®** Grower Representative. Call **AgSolutions** Customer Care at 1-877-371-BASF (2273). Follow the LTA terms and conditions.

Tank mixes[10]

Herbicides for LibertyLink canola: Centurion, Centurion ADV, Facet L

Contact your local BASF **AgSolutions** Grower or Retail Representative or call **AgSolutions** Customer Care at 1-877-371-BASF (2273) for additional information on supported tank mixes.

[10] See label for tank-mix application rates targeting specific weeds.

For more information: Call **AgSolutions** Customer Care at 1-877-371-BASF (2273) or visit **agsolutions.ca**.

Always read and follow label directions.

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