

VIGOR®

WHY USE VIGOR?

- Same active as Liberty®
- Broad spectrum grass and broadleaf control in LibertyLink® canola
- Use in all soil zones

USE ON

- LibertyLink® canola

WEEDS CONTROLLED

(at 1.35 L/acre rate)

- Barnyard grass (1 to 4 leaf)
- Canada thistle (suppression - up to 10 cm tall)
- Cleavers (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 tall)
- Foxtail barley (1 to 4 leaf, max. 2 tillers when tank-mixed with Independence/Centurion @ 40 ac/case rate)
- Green foxtail (1 to 6 leaf, max. 3 tillers)
- Hemp-nettle (1 to 4 leaf pairs)
- Kochia (up to 8 cm tall)
- Lady's-thumb (1 to 6 leaf)
- Lamb's-quarters (1 to 6 leaf)
- Perennial sow thistle (1 to 8 leaf)
- Quackgrass (suppression- 1 to 4 leaf)
- Redroot pigweed (1 to 4 leaf)
- Round-leaved mallow (1 to 4 leaf)
- Russian thistle (up to 8 cm tall)
- Scentless chamomile (up to 10 cm tall)
- Shepherd's-purse (1 to 6 leaf)
- Smartweed (1 to 6 leaf)
- Stinkweed (1 to 8 leaf)
- Stork's-bill (1 to 3 leaf)
- Volunteer barley suppression (1 to 4 leaf, max. 2 tillers)
- Volunteer flax (up to 6 cm tall)
- Volunteer wheat (1 to 4 leaf, max. 2 tillers)
- Wild buckwheat (1 to 3 leaf)
- Wild oats (1 to 4 leaf, max. 2 tillers)
- Wild mustard (1 to 5 leaf)

SAME ACTIVE AS LIBERTY™

Glufosinate-ammonium Herbicide

REQUIRED ADJUVANT

- None if used alone

ACTIVE INGREDIENT

- Glufosinate-ammonium 150 g/L EC

PACKAGE SIZE

(at 1.35 L/acre rate)

- **Case:** 2 x 13.5 L case treats 20 acres
- **Bulk:**
 - 1 x 108 L drum treats 80 acres
 - 1 x 500 L Tote treats 370 acres
 - 1 x 1000 L Tote treats 740 acres

WHEN TO APPLY

- **Crop stage:** Cotyledon up to, but prior to bolting
- **Weed stage:** See Weeds Controlled section

WATER VOLUME

- **Ground:** Minimum 10 US gallons/acre (20 – 40 L/acre)
- **Aerial:** 5 US gallons/acre (20 L/acre)

RAINFEST PERIOD

- 4 hours

RE-CROPPING OPTIONS

- Grow all major crops the year after application.

SUPPORTED TANK MIXES*

- **Independence®**, **Quiz®**, Decis®, Sevin® XLR

STORAGE

- Should not be frozen. If stored for one year or longer, shake well before using.
- Keep away from feeds, seeds, fertilizers, plants and foodstuffs.

GRAZING AND HARVEST

- Do not graze the treated crop or cut for hay, as there is currently insufficient data available to support this use
- Grain and meal from treated crop can be fed to livestock
- If tank mixing observe the pre-harvest interval for the respective tank mix partner.

MIXING INSTRUCTIONS

1. Fill spray tank 1/2 full of water, start agitation and continue throughout mixing and application.
2. If tank mixing with **Independence** add the required rate of **Empire™** surfactant, or if mixing with **Quiz**, add the required rate of **Assassin®**
3. Add the required amount of **Vigor**.
4. If required, add correct amount of Independence or **Quiz**.
5. Add the remaining amount of water and spray out immediately.
6. If application is stopped prior to completion, re-suspend spray solution by full agitation prior to commencing spraying again.
7. **NOTE:** Mixing order varies depending on the grass tank mix partner – see label for details.

UNDERSTANDING PERFORMANCE

- Optimal control occurs applied between 15°C-27°C in sunny, warm moist growing conditions when weeds are small and actively growing.
- **Vigor** is a contact herbicide and requires water volume of at least 10 gal/acre for adequate coverage. Avoid fine droplet sizes as the potential for spray drift increases significantly.
- If a rate range is given, the higher rate should be used when weed or crop growth is dense, when weeds are larger or more mature, or when environmental conditions are cool and dry.
- Typical symptoms (discoloration, bleaching effect) of dying weeds are usually noticeable within 7 days of application, depending on growing conditions. Control of weeds may take 7-14 days, and regrowth may occur under warm moist conditions suitable for weed growth and if crop canopy is poor.
- A second application may be necessary if weed growth resumes after first application and before canopy close.
- Control may be reduced when sprayed on a cloudy day or at temperatures below 10°C or when environmental conditions are cool and dry.

Always read and observe all label directions including rates, restrictions, and grazing and harvest limitations.

*Supported by AgraCity under PMRA tank mix guidelines. When applying tank mix combinations, read and observe all label directions for each product used in the tank mix, and follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.