

Broad-spectrum grassy weed control in canola, pulses and other broadleaf and specialty crops

Active ingredient: Clethodim

Chemistry group: Group 1

How it works: The active ingredient is translocated from the treated foliage to the growing points of the leaves, shoots and roots. Leaf foliage will first change from green to yellowish, then purplish and finally brown. Newest leaf of affected plant pulls out easily in 3 to 5 days. Time required for complete control is normally 7 to 21 days following treatment, depending on growing conditions and crop competition.

Registered crops:

- Alfalfa, seedling
- Bean
- Canola
- Chickpea
- Coriander
- Fenugreek
- Flax
- Highbush blueberries
- Lentil
- Linola™
- Mustard
- Onion
- Pea
- Potato
- Prairie carnation
- Soybean
- Spinach
- Sunflower

Weeds controlled:

Grass Species	Leaf Stage	Application Rate
Foxtail (green, yellow) Wild oats Volunteer cereals (wheat, barley, oats)	2 – 4	50 mL/ac
Barnyard grass Fall panicum Proso millet Volunteer corn Volunteer canarygrass Witchgrass	2 – 6	50 mL/ac
Barnyard grass Crabgrass (smooth and large) Fall panicum Foxtail (green, yellow) Persian darnel Proso millet Quackgrass suppression Volunteer canarygrass Volunteer cereals (wheat, barley, oats) Volunteer corn Wild oats Witchgrass	2 – 6	80 mL/ac
Quackgrass control	2 – 6	150 mL/ac

Crop staging:

- Most crops are tolerant at all stages, so target applications at the optimum weed stage
- Always adhere to the pre-harvest interval for each crop





Application rates and packaging:

- 50 mL/ac for light infestations or 60 acres per case
- 80 mL/ac for moderate infestations or 40 acres per case
- 150 mL/ac for quackgrass or 20 acres per case
- 1 x 3L jug plus 1 jug X-ACT[®] adjuvant

Water volume:

- Ground application only
- 20 to 90 L/ac to achieve uniform spray coverage

Rainfastness: 1 hour

Registered and supported tank mixes:

- Canola: Lontrel[®] or Muster[®]
- Clearfield[®] canola only: imazethapyr (Phantom[®])
- Liberty Link[®] canola only: Liberty[®]
- Field pea: imazethapyr (Phantom[®])
- Flax including low linolenic acid varieties: bromoxynil & MCPA ester (Badge[®]) or Curtail[®] M
- Flax not including low linolenic: Lontrel[®] or MCPA ester
- Glyphosate-tolerant soybean: glyphosate

Mixing instructions:

1. Fill clean spray tank half full with clean water. Start agitation
2. Add the correct amount of Arrow 240 EC. Continue to agitate
3. Add the correct amount of adjuvant X-ACT along with the remaining amount of water necessary to fill the spray tank
4. Continue to agitate or run the by-pass system
5. After any break in the spraying operation, agitate thoroughly before spraying again
6. Do not allow the mixture to sit overnight
7. If tank-mixing, follow label directions for each tank-mix partner

Crop rotations: No restrictions when applied alone

Pre-harvest interval:

- Alfalfa, fenugreek: 30 days
- Blueberry, spinach: 14 days
- Canola, coriander, bean, flax (including low linolenic), lentil, potato, chickpea, mustard: 60 days
- Onion: 45
- Soybean, pea: 75 days
- Sunflower: 72 days

Grazing restriction: Do not cut treated crops for feed or graze until 60 days after application

Storage:

- May be stored at any temperature
- Shake well before use

Quick tips:

- Arrow works best when applied to actively growing weeds
- Regrowth of tillers may occur if applied to weeds under stress conditions
- Arrow must be used with the adjuvant X-ACT

