



ARROW ALL IN™

Simplify spraying and stay one step ahead with Canada's next-generation graminicide, featuring a convenient built-in surfactant.



Active Ingredient:

Clethodim 120 g/L

Herbicide Group:

Group 1

Formulation:

Clethodim 120 g/L = EC

Application Rates and Packaging:

- Standard rate: 150 ml/acre or 80 ac/case
- Light infestations and easy-to-control weeds: 100 ml/acre or 120 ac/case
- Quackgrass control: 300 ml/acre or 40 ac/case
- 2 jugs of 6 L/case

Don't settle for basic grass control when you can have the advanced formulation with ARROW ALL IN™.

It offers the same effective control as other clethodim herbicides, but with more concentrated packaging, fewer jugs and the added convenience of a built-in surfactant. That means less time spent getting ready to spray and more time getting the job done.

KEY BENEFITS:

- Flexible tank-mix options
- One solution for grassy weed control in multiple crops, including canola, dry beans, soybeans and a variety of specialty crops
- Proven to be equally effective as other clethodim products like Centurion®
- 80-acre case with built-in surfactant cuts down on the amount of cases per field by half, saving time and hassle.
- Surfactant comes pre-mixed: simplifies spraying; convenient; saves time.
- A proven solution: while new to Canada and unique to our market, the ARROW ALL IN™ formulation is used and trusted by growers around the world.
- Superior formulation provides consistently better mixing than the competition.

ARROW ALL IN™

Field Test Results

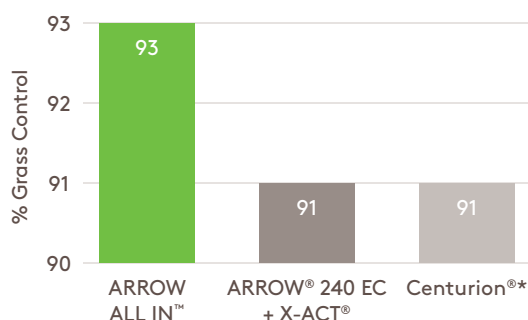
Summary

- After totalling results, ARROW ALL IN™ was found to be just as, or slightly more, effective than the other applications: ARROW ALL IN™ provided 93% control, while ARROW® 240 EC and BASF's Centurion® provided 91% control.
- Statistical results mirrored grower testimonials, which noted that ARROW ALL IN™ was a convenient solution and offered similar (or better) efficacy as other clethodim treatments.

About

- Conducted large, grower-applied field trials in nine locations across Manitoba, Saskatchewan and Alberta (Brunkild, MB; Brandon, MB; Carlyle, SK; Norquay, SK; Cando, SK; Swift Current, SK; Foremost, AB; Spirit River, AB; Vegreville, AB)
- Treated a variety of weeds, including downy brome, foxtail barley, green foxtail, volunteer cereals, volunteer durum, volunteer wheat, and wild oats.

WESTERN CANADA (9 large field trial sites)



*Four sites only

PLOT TRIAL GROWER TESTIMONIALS

"Crop looks good. Weed control is excellent."
– Brandon, MB

"ARROW ALL IN™ is much easier and more convenient to use." – Cando, SK

"ARROW ALL IN™ is user-friendly with the surfactant built-in." – Foremost, AB

"The ARROW ALL IN™ showed consistently good grass control when mixed with DAVAI™80 SL. There was no noticeable difference in the field between the two treatments. Overall, very good weed control."
– Swift Current, SK

ARROW ALL IN™ versus Centurion®

- Same or better efficacy as Centurion® with half the packaging
- Built-in surfactant: less jugs, more convenience
- Simplified tank-mixing, loading, storage and disposal with less packaging



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 3–5 days. Time required for complete control is normally 7–21 days following treatment, depending on growing conditions and crop competition.

Registered Crops	Key Weeds Controlled		
Alfalfa (Seedling) Beans Canola Carnations Chickpeas (Desi & Kabuli) Coriander Cranberries Fenugreek Field peas Flax Highbush blueberries Lentils Mustard Onions Potatoes Soybeans Spinach Sunflowers	Grassy Weeds	Leaf Stage	Rates
	Foxtail (green, yellow), wild oats, volunteer cereals (wheat, barley, oats)	2–4	100 ml/ac
	Barnyard grass, fall panicum, proso millet, volunteer corn, volunteer canarygrass, witch grass	2–6	100 ml/ac
	Barnyard grass, crabgrass (smooth, large), fall panicum, foxtail (green, yellow), Persian dandelion, proso millet, quackgrass (suppression), volunteer canary grass, volunteer cereals (wheat, barley, oats), volunteer corn, wild oats, witch grass	2–6	150 ml/ac
	Quackgrass (control)	2–6	300 ml/ac

CROP STAGING:

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

WATER VOLUME:

- Recommended: 40 L/ac or 10 gal/ac
- Ground application only

RAINFASTNESS:

1 hour

SUPPORTED TANK MIXES:

- Flax: BADGE^{®1}; MCPA ester²; Lontrel™ 360²
- Canola: Lontrel™ 360; Muster[®]; PHANTOM[®] 240 SL, Pursuit[®] (imazethapyr-tolerant canola only); Liberty[®] (glufosinate ammonia-tolerant canola varieties)
- Field peas: PHANTOM[®] 240 SL, Pursuit[®]
- Soybeans (glyphosate-tolerant): glyphosate, PHANTOM[®] 240 SL or Pursuit[®]

¹ Including low-linolenic varieties

² Does not include low-linolenic varieties



Always read and follow label directions.

ARROW ALL IN™

MIXING INSTRUCTIONS:

1. Thoroughly clean the sprayer by flushing the system with water containing detergent.
2. Fill clean spray tank ½ full with clean water. Start agitation system.
3. Add the required amount of the tank-mix partner. Continue to agitate.
4. Add the correct amount of ARROW ALL IN™. Continue to agitate.
5. Continue to add the remaining amount of water to fill the spray tank. Continue to agitate.
6. After any break in the spraying operation, agitate thoroughly before spraying again.
Check inside the tank to ensure that sprayer agitation is sufficient to re-mix the spray materials.
Do not allow the mixture to sit overnight. In the case of tank mixtures with broadleaf herbicides, settling will occur if agitation is not continuous.
7. If an oil film starts to build up in the tank, drain it and clean the tank with a strong detergent solution.
8. Immediately after use, thoroughly clean the sprayer by flushing the system with clean water containing detergent.

CROP ROTATIONS:

30-day plant-back interval for all unlabelled crops.

PRE-HARVEST INTERVALS:

- Alfalfa (seedling), Cranberries, Fenugreek: 30 days
- Canola, Chickpeas (desi, kabuli), Coriander, Dry beans (pinto, black, great northern, red, pink, navy), Flax (including low-linolenic acid varieties), Lentils, Mustard (condiment-type only: oriental, brown, yellow), Potatoes: 60 days
- Dry onions: 45 days
- Field peas, Soybeans: 75 days
- Highbush blueberries, Spinach: 14 days
- Sunflowers: 72 days

GRAZING RESTRICTIONS:

Do not cut treated crops for feed or graze until 60 days after application.

STORAGE:

Do not freeze.

Quick Tips

ARROW ALL IN™ has a built-in adjuvant, no additional is required! Apply ARROW ALL IN™ when the annual grasses and volunteer cereals are in the 2–6 leaf stage. Most effective control is achieved when application is made prior to tillering when annual grasses are small and actively growing. ARROW ALL IN™ will be less effective when plants are stressed by lack of moisture, excessive moisture, low temperature and/or very low relative humidity. Regrowth by tillering may occur if application is made under any of the above stress conditions.



ADAMA

Always read and follow label directions.
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