



HERBICIDE

INSECTICIDE

FUNGICIDE

PROTECT YOUR  
**SOYBEANS**

ADAMA

HERBICIDE

# ARROW ALL IN™

A more concentrated formulation of grassy weed control in canola, soybeans, pulses and a variety of specialty crops with the convenience of a built-in surfactant.

**ACTIVE INGREDIENT**

Clethodim 120 g/L

**CHEMISTRY GROUP**

Group 1

**APPLICATION RATES AND PACKAGING**

- 150 ml/ac for standard rate or 80 ac/case
- 100 ml/ac for light infestations and easier-to-control weeds or 120 ac/case
- 300 ml/ac for quack grass control or 40 ac/case
- 2 x 6 L jugs of ARROW ALL IN™ per case



**KEY BENEFITS**

- Flexible tank-mix options
- One solution for grassy weed control in multiple crops, including canola, pulses, soybeans and a variety of specialty crops
- Proven to be equally effective as other clethodim products like Centurion®
- 80 acre case with surfactant built in 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

**REGISTERED CROPS**

- Alfalfa, seedling
- Beans
- Canola
- Carnations
- Chickpeas (Desi & Kabuli)
- Coriander
- Cranberries
- Fenugreek
- Field peas
- Flax
- Highbush blueberries
- Lentils
- Mustard
- Onions
- Potatoes
- Soybeans
- Spinach
- Sunflowers

**WEEDS CONTROLLED**

Grass Species	Leaf Stage	Application 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 darnel, Proso millet, Quack grass suppression, Volunteer canarygrass, Volunteer cereals (wheat, barley, oats), Volunteer corn, Wild oats, Witch grass	2-6	150 ml/ac
Quack grass control	2-6	300 ml/ac

# ARROW ALL IN™

## 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.

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

## RAINFASTNESS

1 hour

## SUPPORTED TANK MIXES

- **Flax:** BADGE® II (including low-linolenic varieties); MCPA ester (does not include low-linolenic varieties); Lontrel™ 360 (does not include low-linolenic varieties); Curtail® M (including low-linolenic varieties)
- **Canola:** Lontrel 360; Muster®; Imazethapyr (PHANTOM® 240 SL or Pursuit®) (imazethapyr-tolerant canola only); Liberty® (glufosinate ammonia-tolerant canola varieties)
- **Field peas:** Imazethapyr (PHANTOM® 240 SL or Pursuit®)
- **Soybeans (glyphosate-tolerant):** Glyphosate, PHANTOM® 240 SL or Pursuit®

## 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 (oriental, brown, yellow) (condiment type only), 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.

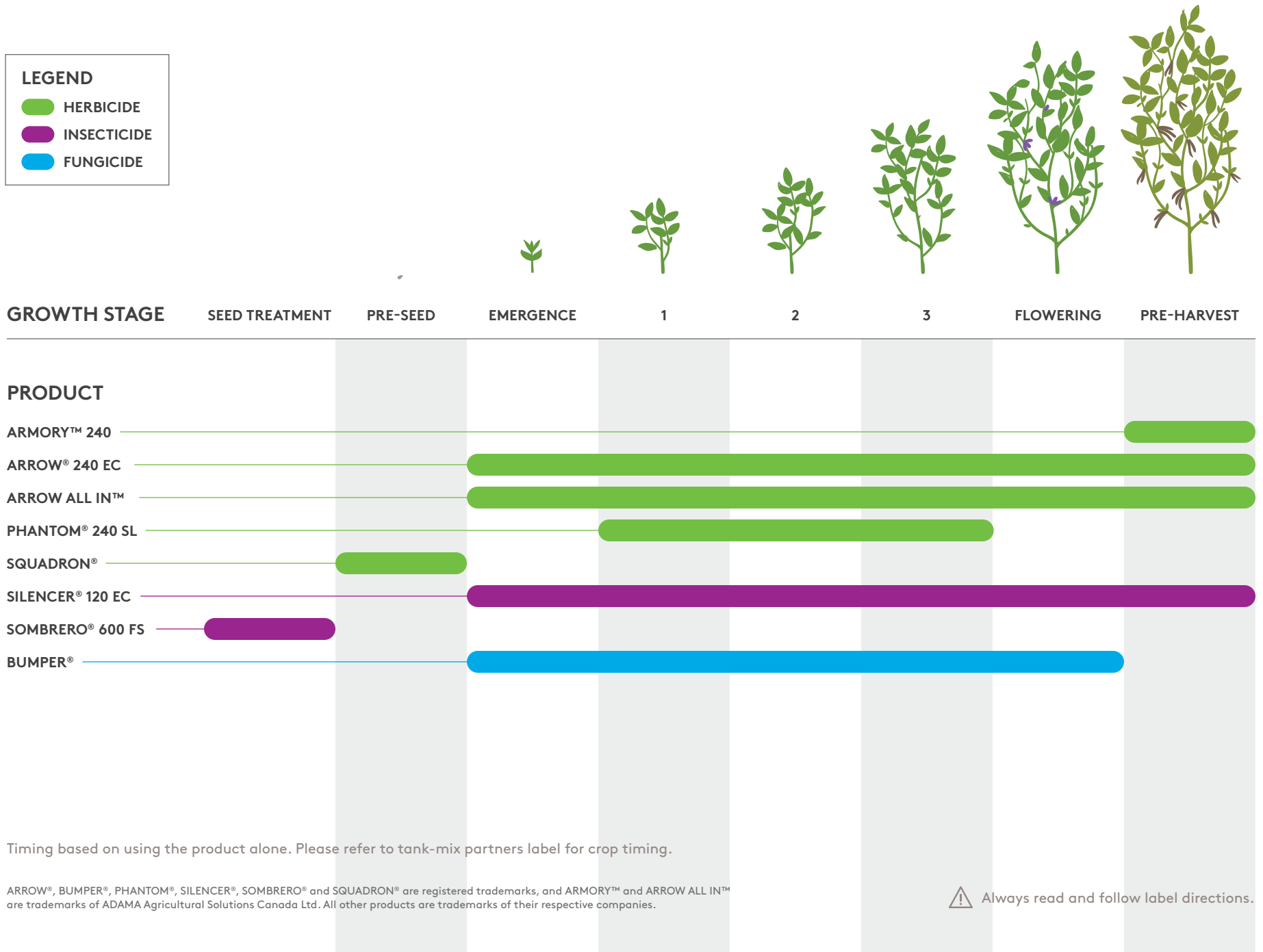
## STORAGE

Do not freeze.

# SOYBEAN GROWTH STAGES

**LEGEND**

- HERBICIDE
- INSECTICIDE
- FUNGICIDE



Timing based on using the product alone. Please refer to tank-mix partners label for crop timing.

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Always read and follow label directions.

## HERBICIDE

PRODUCT NAME  
Active Ingredient

## Group

## Replaces

Case Package Size  
Acres Treated

## Registered/Supported Crops

## Crop Staging

## Key Pests

## Pest Staging

## Tank-Mix Options

## Rate

## Rainfastness

## Mixing Instructions

## Re-Entry Period

## Pre-Harvest Interval

## Additional Info

ARMORY™ 240 Diquat	ARROW® 240 EC Clethodim	ARROW ALL IN™ Clethodim	PHANTOM® 240 SL Imazethapyr	SQUADRON® Metribuzin
22	1	1	2	5
Reglone®	Select®	Select®, Centurion®, Shadow®	Pursuit®	Sencor®
2 × 10 L	3 L + 9 L X-ACT® adjuvant 40 ac/case	2 × 6 L 40 ac/case	2 × 3.3 L 80 ac/case	4 × 5 kg rate varies by soil type and crop
beans, canola, chickpeas, flax, legumes, lentils, mustard, oats, peas, potatoes, sunflowers, sweet white lupins	alfalfa, canola, chickpeas, cranberries, dry beans, flax, highbush blueberries, lentils, mustard, peas, potatoes, soybeans, onions, spinach, sunflowers	alfalfa, lentils, canola, mustard, flax, peas, soybeans, potatoes, beans	alfalfa (seed), beans (adzuki, black, cranberry, dutch brown, kidney, lima, snap, white, yellow eye), peas (processing, snow), soybeans	asparagus (established), carrots (processing), field corn, fruit trees, potatoes, soybeans, sweet white lupin, peas
–	all stages	all stages	pre-plant, pre-emergent or post-emergent (soybeans)	pre-plant, pre-plant incorporated, pre-emergence, early post (see label for crop specifications)
potato vines, corn spurry in oats, weeds in stale seedbeds (vegetables and field crops), weeds in vegetables (inter-row directed), weeds in non-crop land, suppression of perennial grasses under apple trees	foxtail <sup>GY</sup> , volunteer cereals, wild oats, quackgrass, barnyard grass	foxtail <sup>GY</sup> , volunteer cereals, wild oats, quackgrass, barnyard grass	lamb's quarters, redroot pigweed, smartweed, lady's thumb, wild mustard, velvetleaf, common ragweed, eastern black nightshade, wild buckwheat, cocklebur, foxtail, barnyard grass, proso millet, crabgrass	foxtail <sup>GY</sup> , barnyard grass, crabgrass, witchgrass, ball & wild mustard, lamb's quarters, common ragweed, shepherd's purse, stinkweed, green smartweed, buckwheat
–	2 – 6 leaf	2 – 6 leaf	up to 4 <sup>TH</sup> true leaf	–
Agral® 90, LI 700®, Liberate®	BADGE® II, MCPA, Curtail® M, Lontrel™, Liberty®, PHANTOM® 240 SL	BADGE® II, MCPA, Curtail® M, Lontrel™, Liberty®, PHANTOM® 240 SL	Gramoxone®, Glyphosate, SQUADRON®, Trifluralin, Bentazon®, Edge™, Lorox®, Afolan®, Linuron	Treflan® EC, Dual Magnum®, Frontier®, Axiom® DF, PHANTOM® 240 SL, Glyphosate, Linuron, Lorox®, Eptam®, Venture® L
–	40 ac/case	40 ac/case	85 ml/ac	rates vary by crop and soil type (see label)
30 minutes	1 hour	1 hour	up to 8 hours	6 hours after foliar application
–	adjuvant / Liberty® / ARROW® 240 EC	–	non ionic (.25 L/100 L) Agral® 90, Ag-Surf® Post Emerge add 28% or 32%	(see label for crop and uses)
–	–	–	–	–
–	14–75 days (see label for details)	–	40–100 days (see label)	60 days; exception: newly planted blueberries – 2 years
avoid morning and evening applications	must be mixed with X-ACT® adjuvant		residual control helps with early season weed competition	flexible applications for broad spectrum weed control

<sup>s</sup>spring wheat | <sup>d</sup>durum wheat | <sup>e</sup>green foxtail | <sup>y</sup>yellow foxtail

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## Case Package Size

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## FUNGICIDE

## SILENCER® 120 EC

Lamba-cyhalothrin

3

Matador®

4 × 3.785 L  
296 – 880 ac/case

cereals, tree fruits, strawberries, potatoes, tobacco, tomatoes, soybeans, etc., registered on over 50 crops (see label)

any stage

soybean aphid, pea aphid, bean aphid, western bean cutworm, grasshoppers, cutworms, lygus bug, bean leaf beetle

when insects are present

BISON® 400 L, BUMPER®

17 – 51 ml/ac (see label for rates by crop)

fast acting

varies by crop and use pattern (see label)

24 hours

varies by crop (see label)

for best results apply below 25 C

## SOMBRERO® 600 FS

Imidacloprid

4

Stress Shield®

8 × 1.54 L  
crop dependent (see label)

canola, mustard, field corn, soybeans, cereals

seed treatment

flea beetle, wireworm, aphids, bean leaf beetle, seed corn maggot

used as a protective seed treatment

Raxil®, Apron-Maxx RTA®

canola: 300–600 mls/100 lbs  
corn: 21.3–80 mls per 80,000 seeds  
cereals: 7.7–22.7 mls/100 lbs  
soybean:s 47–94 mls/100 lbs

on seed

premix slurry

–

–

apply at 10 C or warmer due to high viscosity

## BUMPER®

Propiconazole

3

Tilt®

2 × 4.8 L  
80 – 160 ac/case

peaches, plums, cherries, blueberries, strawberries, asparagus, cereals, canola, corn, beans, soybean

surface and systemic protection (see tank-mix partner labels if spraying at herbicide timing) varies by crop

rusts, blotches, powdery mildew, blight, black knot, brown rot, mummy berry, scalds, tan spot, septoria spot

timing is dependent on crop staging (see label)

2,4-D, MCPA, BADGE® II, SILENCER® 120 EC, BROMOTRIL® II

40 ac/jug, split application for cereal

1 hour

do not mix with copper products, jar test

12 hours

varies by crop (see label)

superior formulation









It's that simple.

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