PROTECT YOUR
SOYBEANS
ADAMA
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 × 6 L jugs of ARROW ALL IN™ per case

WEEDS CONTROLLED

Grass Species

<table>
<thead>
<tr>
<th>Leaf Stage</th>
<th>Application Rates</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 – 4</td>
<td>100 ml/ac</td>
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<tr>
<td>2 – 6</td>
<td>100 ml/ac</td>
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<tr>
<td>2 – 6</td>
<td>150 ml/ac</td>
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<tr>
<td>2 – 6</td>
<td>300 ml/ac</td>
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</tbody>
</table>

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

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

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- Alfalfa, seedling
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- Lentils
- Mustard
- Onions
- Potatoes
- Soybeans
- Spinach
- Sunflowers

Always read and follow label directions.
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.

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Always read and follow label directions.
# Soybean Growth Stages

## Legend
- **Herbicide**
- **Insecticide**
- **Fungicide**

<table>
<thead>
<tr>
<th>Growth Stage</th>
<th>Seed Treatment</th>
<th>Pre-Seed</th>
<th>Emergence</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>Flowering</th>
<th>Pre-Harvest</th>
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<tbody>
<tr>
<td><strong>Product</strong></td>
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<td>ARMORY™ 240</td>
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<td>ARROW® 240 EC</td>
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<td>SQUADRON®</td>
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<td>SILENCER® 120 EC</td>
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<td>SOMBRERO® 600 FS</td>
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<td>BUMPER®</td>
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</tbody>
</table>

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

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# HERBICIDE

<table>
<thead>
<tr>
<th>PRODUCT NAME</th>
<th>Active Ingredient</th>
<th>Group</th>
<th>Replaces</th>
<th>Case Package Size</th>
<th>Registered/Supported Crops</th>
<th>Case Package Size</th>
<th>Registered/Supported Crops</th>
<th>Registered/Supported Crops</th>
<th>Registered/Supported Crops</th>
<th>Registered/Supported Crops</th>
</tr>
</thead>
<tbody>
<tr>
<td>ARMORY™ 240</td>
<td>Diquat</td>
<td>22</td>
<td></td>
<td>2 × 10 L</td>
<td>beans, canola, chickpeas, flax, legumes, lentils, mustard, oats, peas, potatoes, sunflowers, sweet white lupins</td>
<td>2 × 10 L</td>
<td>beans, canola, chickpeas, cranberries, dry beans, flax, highbush blueberries, lentils, mustard, peas, potatoes, soybeans, onions, spinach, sunflowers</td>
<td>alfalfa, canola, mustard, flax, peas, soybeans, potatoes, beans</td>
<td>alfalfa, seed, beans, adzuki, black, cranberry, dutch brown, kidney, lima, snap, white, yellow eye, peas (processing, snow), soybeans</td>
<td>asparagus (established), carrots (processing), field fruit, corn, fruit trees, potatoes, soybeans, sweet white lupin, peas</td>
</tr>
<tr>
<td>ARROW® 240 EC</td>
<td>Clethodim</td>
<td>1</td>
<td></td>
<td>2 × 6 L</td>
<td>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</td>
<td>foxtail G Y, volunteer cereals, wild oats, quackgrass, barnyard grass</td>
<td>foxtail G Y, volunteer cereals, wild oats, quackgrass, barnyard grass</td>
<td>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</td>
<td>foxtail G Y, barnyard grass, crabgrass, witchgrass, ball &amp; wild mustard, lamb’s quarters, common ragweed, shepherd’s purse, stinkweed, green smartweed, buckwheat</td>
<td></td>
</tr>
<tr>
<td>ARROW ALL IN™</td>
<td>Clethodim</td>
<td>1</td>
<td></td>
<td>2 × 3.3 L</td>
<td>2 × 6 L</td>
<td>up to 4Tween true leaf</td>
<td>2 – 6 leaf</td>
<td>2 – 6 leaf</td>
<td>2 – 6 leaf</td>
<td>2 – 6 leaf</td>
</tr>
<tr>
<td>PHANTOM® 240 SL</td>
<td>Imazethapyr</td>
<td>2</td>
<td></td>
<td>4 × 5 kg</td>
<td>40 ac/case</td>
<td>40 ac/case</td>
<td>40 ac/case</td>
<td>40 ac/case</td>
<td>40 ac/case</td>
<td>40 ac/case</td>
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<tr>
<td>SQUADRON®</td>
<td>Metribuzin</td>
<td>5</td>
<td></td>
<td></td>
<td>30 minutes</td>
<td>1 hour</td>
<td>1 hour</td>
<td>up to 8 hours</td>
<td>6 hours after foliar application</td>
<td>6 hours after foliar application</td>
</tr>
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<td></td>
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<td></td>
<td></td>
<td></td>
<td>14 – 75 days (see label for details)</td>
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<td></td>
<td></td>
<td></td>
<td>avoid morning and evening applications</td>
<td>must be mixed with X-ACT® adjuvant</td>
<td>residual control helps with early season weed competition</td>
<td>flexible applications for broad spectrum weed control</td>
<td>flexible applications for broad spectrum weed control</td>
<td>flexible applications for broad spectrum weed control</td>
</tr>
</tbody>
</table>

**Crop Staging**
- all stages
- pre-plant, pre-emergent or post-emergent (soybeans)
- pre-plant, pre-plant incorporated, pre-emergence, early post (see label for crop specifications)

**Key Pests**
- 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 G Y, volunteer cereals, wild oats, quackgrass, barnyard grass
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- 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 G Y, barnyard grass, crabgrass, witchgrass, ball & wild mustard, lamb’s quarters, common ragweed, shepherd’s purse, stinkweed, green smartweed, buckwheat

**Tank-Mix Options**
- Agral® 90, Li 700®, Liberate®
- BADGE® II, MCPA, Curtaill®, M, Lontrel™, Liberty®, PHANTOM® 240 SL
- BADGE® II, MCPA, Curtaill®, 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

**Rate**
- 40 ac/case
- 40 ac/case
- 85 ml/ac
- rates vary by crop and soil type (see label)

**Rainfastness**
- 30 minutes
- 1 hour
- 1 hour
- up to 8 hours
- 6 hours after foliar application

**Mixing Instructions**
- adjuvant/Liberty®
- adjuvant/Liberty®
- adjuvant/Liberty®
- adjuvant/Liberty®

**Re-Entry Period**
- –
- –
- –
- –

**Pre-Harvest Interval**
- 14 – 75 days (see label for details)
- 40 – 100 days (see label)
- 60 days; exception: newly planted blueberries – 2 years

**Additional Info**
- avoid morning and evening applications
- must be mixed with X-ACT® adjuvant

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## INSECTICIDE

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<tr>
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<th>Active Ingredient</th>
<th>Group</th>
<th>Replaces</th>
<th>Case Package Size</th>
<th>Acres Treated</th>
<th>Registered/Supported Crops</th>
</tr>
</thead>
<tbody>
<tr>
<td>SILENCER® 120 EC</td>
<td>Lambda-cyhalothrin</td>
<td>3</td>
<td>Matador®</td>
<td>4 × 3.785 L</td>
<td>296 – 880 ac/case</td>
<td>cereals, tree fruits, strawberries, potatoes, tobacco, tomatoes, soybeans, etc., registered on over 50 crops (see label)</td>
</tr>
<tr>
<td>SOMBRERO® 600 FS</td>
<td>Imidacloprid</td>
<td>4</td>
<td>Stress Shield®</td>
<td>8 × 1.54 L</td>
<td>crop dependent (see label)</td>
<td>canola, mustard, field corn, soybeans, cereals</td>
</tr>
<tr>
<td>BUMPER®</td>
<td>Propiconazole</td>
<td>3</td>
<td>Tilt®</td>
<td>2 × 4.8 L</td>
<td>80 – 160 ac/case</td>
<td>peaches, plums, cherries, blueberries, strawberries, asparagus, cereals, canola, corn, beans, soybean</td>
</tr>
</tbody>
</table>

### Crop Staging
- any stage
- seed treatment
- surface and systemic protection (see tank-mix partner labels if spraying at herbicide timing) varies by crop

### Key Pests
- soybean aphid, pea aphid, bean aphid, western bean cutworm, grasshoppers, cutworms, lygus bug, bean leaf beetle
- flea beetle, wireworm, aphids, bean leaf beetle, seed corn maggot
- rusts, blotches, powdery mildew, blight, black knot, brown rot, mummy berry, scalds, tan spot, septoria spot

### Tank-Mix Options
- BISON® 400 L, BUMPER®
- Raxil®, Apron-Maxx RTA®
- 2,4-D, MCPA, BADGE® II, SILENCER® 120 EC, BROMOTRIL® II

### Rate
- 17 – 51 ml/ac (see label for rates by crop)
- canola: 300 – 600 mls/100 lbs
- corn: 21.3 – 80 mls per 80,000 seeds
- cereals: 7.7 – 22.7 mls/100 lbs
- soybeans: 47 – 94 mls/100 lbs

### Additional Info
- for best results apply below 25 C

## FUNGICIDE

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<tr>
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<th>Registered/Supported Crops</th>
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<td>3</td>
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</tbody>
</table>

### Case Package Size
- 4 × 3.785 L
- 2 × 4.8 L

### Acres Treated
- 296 – 880 ac/case
- 80 – 160 ac/case

### Registered/Supported Crops
- cereals, tree fruits, strawberries, potatoes, tobacco, tomatoes, soybeans, etc., registered on over 50 crops (see label)
- canola, mustard, field corn, soybeans, cereals

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

### Key Pests
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- soybeans: 47 – 94 mls/100 lbs

### Additional Info
- for best results apply below 25 C
- apply at 10 C or warmer due to high viscosity

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⚠️ Always read and follow label directions.
It’s that simple.