

PRODUCT (GROUP #)	ACTIVE INGREDIENT	KEY BENEFITS AND USES	RATE	ADJUVANT REQ'D?*	PACKAGING ACRES TREATED	COST/ACRE
<b>PRE-SEED</b>						
INVOLVE® 50 WDG (2)	Tribenuron-methyl	Control of broadleaf and grassy weed in pre-seed, post-harvest and summerfallow applications (when tank-mixed with glyphosate at a rate of 0.5 REL/acre)	6g/ac	Yes	Case: 10 × 480 g bottles 80 ac/bottle 800 ac/case	
SQUADRON® II (5)	Metribuzin	Broad-spectrum control of grassy and broadleaf weeds (when tank-mixed with glyphosate at a rate of 0.5 REL/acre) <b>NOTE:</b> Apply pre-seed incorporated in at least 100 L of water per hectare or 40 L of water per acre.	55–110 g/ac <b>NOTE:</b> Do not apply more than once per season except when following split-application recommendations.	No	Case: 4 × 5 kg bottles 45–90 acres/bottle	
<b>IN-CROP</b>						
ARROW® 240 EC (1)	Clethodim	Superior grassy weed control	<b>Light infestations:</b> 50 ml/ac <b>Standard rate:</b> 75 ml/ac <b>Quackgrass:</b> 150 ml/ac	Included in co-pock	<b>Co-pack includes:</b> · 1 × 3 L jug of ARROW® 240 · 1 × 9 L jug of X-ACT® adjuvant 20–60 ac/case	
ARROW ALL IN® (1)	Clethodim	Superior grassy weed control with the convenience of a built-in surfactant in a formulation unique to ADAMA	<b>Light infestations:</b> 100 ml/ac <b>Standard rate:</b> 150 ml/ac <b>Quackgrass:</b> 300 ml/ac	Built into formulation	Case : 2 × 6 L jugs Drum: 96 L 20–60 ac/jug 640 acres/drum	
LEOPARD® (1)	Quizalofop-P-ethyl	Control of hard-to-kill grassy weeds	150–290 ml/ac	Yes	Case: 2 × 7.8 L jugs 40 ac/jug (standard rate)	
SQUADRON® II (5)	Metribuzin	Broad-spectrum control of grassy and broadleaf weeds	One OR two post-emergent, incorporated applications (fall): · One application: 110 g/ac · Two applications: 55–80 g/ac	Yes	Case: 4 × 5 kg bottles 45–90 acres/bottle	
TOPNOTCH™ (3 & 11)	Azoxystrobin & propiconazole	Broad-spectrum disease control of mycosphaerella blight, anthracnose, powdery mildew and suppression of white mould	310–620 ml/ac	No	Case: 2 × 8.6 L jugs 14–30 ac/jug	
SILENCER® 120 EC (3)	Lambda-cyhalothrin	Flexible, broad-spectrum insect control including grasshoppers.	33–94 ml/ac	No	Case: 4 × 3.785 L jugs 40–113 ac/jug	
<b>NEW</b> ZIVATA™ (3)	Lambda-cyhalothrin	Same trusted active but in a renewable sourced formulation with low volatile organic properties that improves the user experience and reduces drift potential and product volatility.	34–94 ml/ac (standard rate for most pests: 34 ml/ac)	No	Case: 2 × 4.08 L jugs 45–240 ac/jug (standard rate: 120 ac/jug)	
<b>PRE-HARVEST AID</b>						
ARMORY® 240 (22)	Diquat	More precise harvest timing with fast drydown of crops; protection of yield and grade; and reduction in disease transmission late in the season	500–690 ml/ac (ground)	Yes	Case: 2 × 10 L jugs Drum: 120 L 15–20 ac/jug 175–240 ac/drum	

\* These products must be used with a labelled surfactant or adjuvant. See product label for rates.



HERBICIDE (BROADLEAF)



HERBICIDE (GRASS)



FUNGICIDE



INSECTICIDE

**NOTE:** This are just a few of the many ADAMA crop protection products available for lentil growers in Western Canada. For a complete list of registered products and labels, please visit our website at [www.adama.com](http://www.adama.com)

- HERBICIDE Broadleaf
- HERBICIDE Grass
- INSECTICIDE
- FUNGICIDE



GROWTH STAGE	Seed Treatment	Pre-Seed	Emergence	1	2	Flowering	60	Pre-Harvest	Post-Harvest
BBCH CODE		00	10	20	30	50	60	80 – 90	
<b>PRODUCT</b>									
ARMORY® 240								<span style="color: green;">■</span>	
ARROW® 240 EC			<span style="color: darkgreen;">■</span>	<span style="color: darkgreen;">■</span>	<span style="color: darkgreen;">■</span>				
ARROW ALL IN®			<span style="color: darkgreen;">■</span>	<span style="color: darkgreen;">■</span>	<span style="color: darkgreen;">■</span>				
LEOPARD®			<span style="color: darkgreen;">■</span>	<span style="color: darkgreen;">■</span>	<span style="color: darkgreen;">■</span>				
INVOLVE® 50 WDG		<span style="color: green;">■</span>							<span style="color: green;">■</span>
SQUADRON® II		<span style="color: green;">■</span>							
PYRINEX® 480 EC		<span style="color: purple;">■</span>	<span style="color: purple;">■</span>	<span style="color: purple;">■</span>					
SILENCER® 120 EC <sup>1</sup>			<span style="color: purple;">■</span>	<span style="color: purple;">■</span>	<span style="color: purple;">■</span>	<span style="color: purple;">■</span>	<span style="color: purple;">■</span>	<span style="color: purple;">■</span>	
ZIVATA™ <sup>1</sup>			<span style="color: purple;">■</span>	<span style="color: purple;">■</span>	<span style="color: purple;">■</span>	<span style="color: purple;">■</span>	<span style="color: purple;">■</span>	<span style="color: purple;">■</span>	
TOPNOTCH™					<span style="color: blue;">■</span>	<span style="color: blue;">■</span>	<span style="color: blue;">■</span>		

<sup>1</sup> Dependent on Pre-harvest Interval (PHI)  
 Timing based on using the product alone. Please refer to tank-mix partner labels for crop timing.

Always read and follow label directions.