



CANOLA SOLUTIONS



INSECTICIDE



HERBICIDE (BROADLEAF)



HERBICIDE (GRASS)



FUNGICIDE

PRODUCT (GROUP #)	ACTIVE INGREDIENT	KEY BENEFITS AND USES	RATE	ADJUVANT REQ'D?*	PACKAGING ACRES TREATED
PRE-SEED					
SOMBRERO® 600 FS (4) (seed treatment)	Imidacloprid	Long-lasting, early-season control of tough insect pests.	Flea beetle: 667–1333 ml/100 kg of seeds	No	Case: 8 x 1.54 L jugs
EMPHASIS® (6 & 14)	Carfentrazone-ethyl & bromoxynil	Multiple modes of action and fast burndown control of broadleaf (including Group 2-, 4-, 5- and 9-resistant biotypes) and grassy weeds (when mixed with glyphosate at a rate of 0.5 REL/acre).	EMPHASIS® A: 15 ml/ac BROMOTRIL®: 236 ml/ac	No	Co-pack includes: 2 x 0.6 L jugs of EMPHASIS® A 2 x 9.7 L jugs of BROMOTRIL® 80 ac/co-pack
IN-CROP					
ADAMA GLUFOSINATE 150 SL (10) (Glufosinate-ammonium-tolerant only)	Glufosinate ammonium	Reliable formulation for post-emergent control of almost 30 broadleaf and grassy weeds for use in glufosinate-ammonium-tolerant canola.	One (1) pass: 1.35–1.62 L/ac Two (2) passes: 1.35 L/ac followed by 1.35 L/ac (and up to 1.62 L/ac) OR 1.62 L/ac followed by 1.35 L/ac <i>NOTE: Do not apply more than a total of 2.97 L/ac in one season.</i>	No	Case: 2 x 13.5 L jugs - 17–20 ac/case Drum: 108 L - 67–80 ac/drum Tote: 432 L - 264 - 320 ac/tote Max Tote: 1000 L - 614 - 740 ac/max tote
ARROW ALL IN® (1)	Clethodim	Unique formulation to ADAMA which provides superior grassy weed control with the convenience of a built-in surfactant Excellent tank-mix partner with ADAMA Glufosinate.	Light infestations: 100 ml/ac Standard rate: 150 ml/ac Quackgrass control: 300 ml/ac	Built into formulation	Case: 2 x 6 L jugs 20–60 ac/jug Drum: 96 L 320–960 ac/drum
LEOPARD® (1)	Quizalofop-P-ethyl	Control of hard-to-kill grassy weeds.	150–290 ml/ac (Standard rate 195 ml/ac)	Yes	Case: 2 x 7.8 L jugs 30-50 ac/jug (Standard rate: 40 ac/jug) Drum: 93.6 L 480 ac/drum
SILENCER® 120 EC (3)	Lambda-cyhalothrin	Control of crucifer flea beetle, lygus bug, cabbage seedpod weevil (adults), imported cabbageworm, diamondback moth larvae, cabbage looper, bertha armyworm. <i>NOTE: See reverse for restrictions regarding this product and livestock.</i>	25–34 ml/ac	No	Case: 4 x 3.785 L jugs 110–135 ac/jug
ZIVATA™ (3) <small>Low VOC FORMULATION TECHNOLOGY</small>	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. <i>NOTE: See reverse for restrictions regarding this product and livestock.</i>	25–34 ml/ac (Standard rate: 34 ml/ac)	No	Case: 2 x 4.08 L jugs 120-165 ac/jug (Standard rate: 120 ac/jug)
MAXENTIS® (3 & 11) <small>Asorbital FORMULATION TECHNOLOGY</small> NEW	Azoxystrobin + Prothioconazole	Features two distinct, elite modes of action for resistance management (Groups 3 & 11) along with long-lasting systemic activity. Powered by Asorbital® Formulation Technology. Controls white mould (sclerotinia).	443 ml/ac	No	Case: 2 x 8.45 L jugs 19 ac/jug Drum: 118.1 L 267 ac/drum
BUMPER® 432 EC (3)	Propiconazole	Control of blackleg and enhanced yield potential during the early stages of canola growth. <i>NOTE: Disease may reappear later in the season, but with minimal effect on yield.</i>	Early-season: 60 ml/ac Standard rate: 120 ml/ac	No	Case: 2 x 4.8 L jugs 40–80 ac/jug
SORATEL® (3) <small>Asorbital FORMULATION TECHNOLOGY</small>	Prothioconazole	Advanced disease protection with a built-in surfactant–powered by Asorbital® Formulation Technology Control of sclerotinia stem rot.	240–280 ml/ac (Standard rate: 240 ml/ac)	Built into formulation	Case: 2 x 9.6 L jugs 30–40 ac/jug (Standard rate: 40 ac/jug)
PRE-HARVEST AID					
ARMORY® 240 (22)	Diquat	More precise harvest timing with fast drydown of crops, protecting yield and grade, and reducing disease transmission late in the season.	Ground: 500–690 ml/ac Aerial: 690–930 ml/ac	Yes	Case: 2 x 10 L jugs - 15–20 ac/jug Drum: 120 L - 130–175 ac/drum

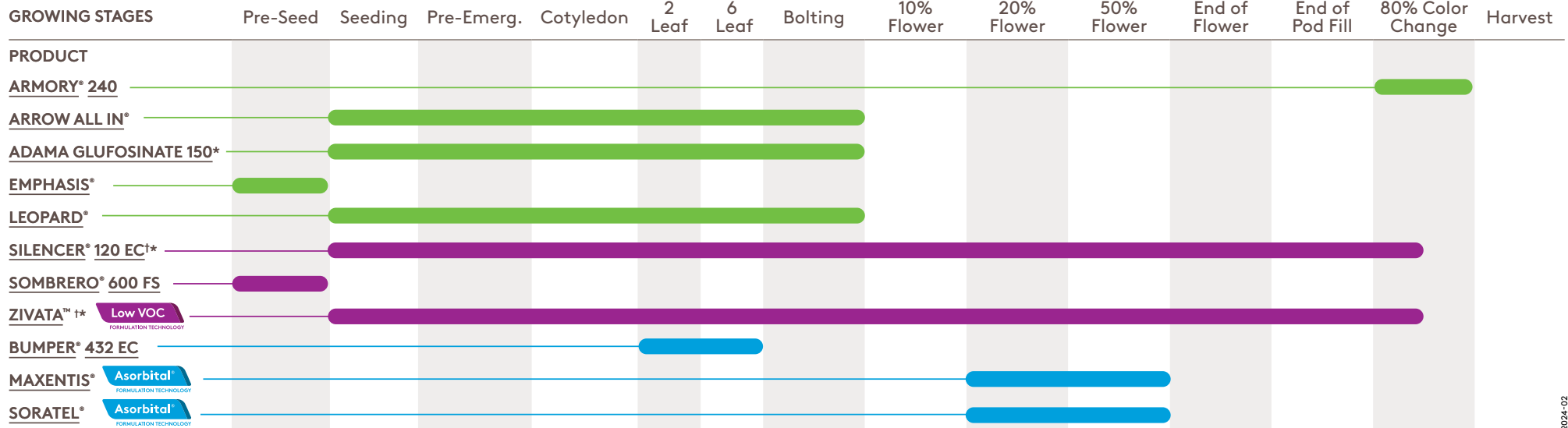
*These products must be used with a labelled surfactant or adjuvant. See product label for rates.

NOTE: These are just a few of the many ADAMA crop protection products available in Western Canada. For a complete list of registered products and labels, please visit our website at www.adama.com



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† Dependent on PHI (7 days) / *Glufosinate-ammonium-tolerant only / Timing based on using the product alone. Please refer to tank-mix partners label for crop timing.

*DO NOT cut treated fields for silage/forage. DO NOT graze treated fields. DO NOT feed treated crops to livestock. For grasses/non-grasses grown for seed production only, DO NOT feed seed screenings and aftermath to livestock.

Always read and follow label directions.

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