



# OATS SOLUTIONS



INSECTICIDE



HERBICIDE (BROADLEAF)



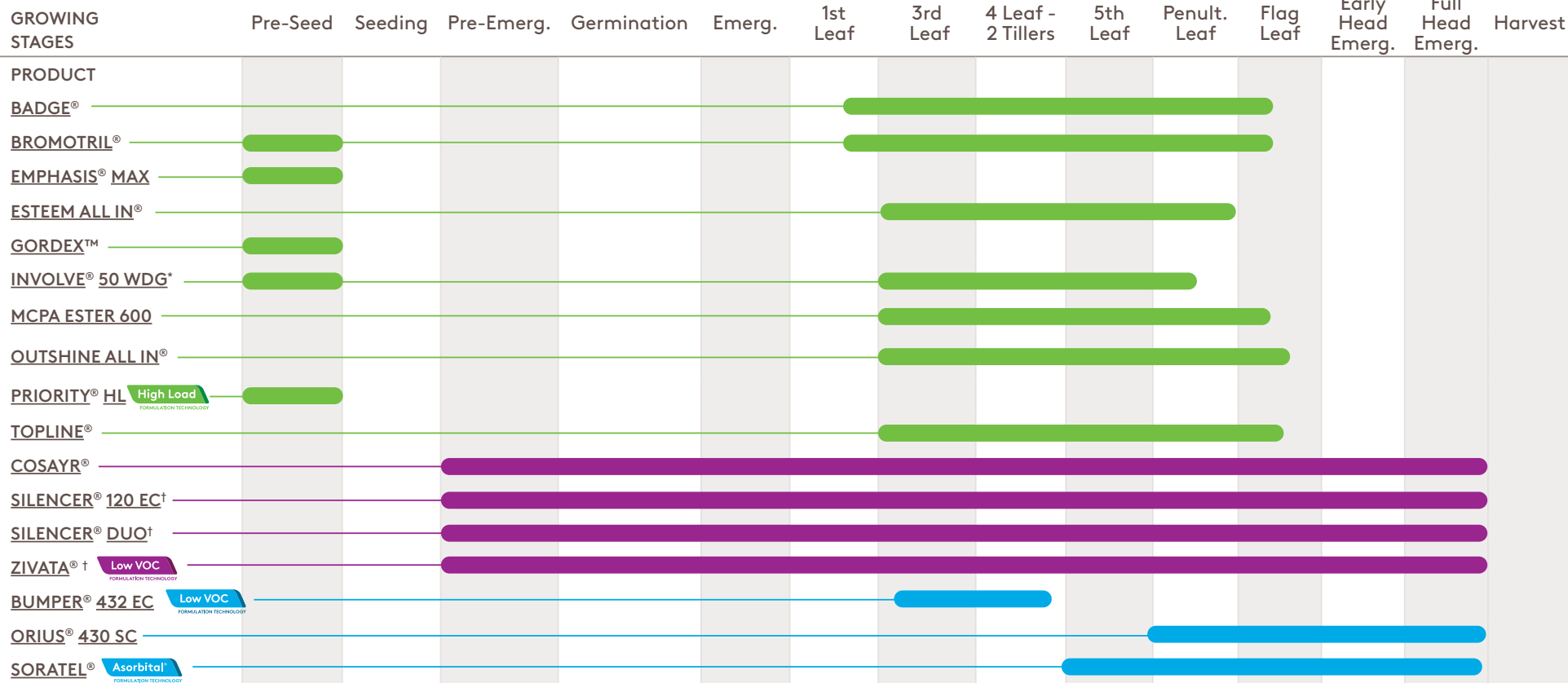
FUNGICIDE

PRODUCT (GROUP #)	ACTIVE INGREDIENT	KEY BENEFITS AND USES	RATE	ADJUVANT REQ'D?*	PACKAGING ACRES TREATED
<b>PRE-SEED</b>					
<b>EMPHASIS® MAX</b> (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 tank-mixed with glyphosate at a rate of 0.5 REL/acre).	<b>Low Rate:</b> 30 ml/ac of EMPHASIS® A 472 ml/ac of BROMOTRIL® 240 EC  <b>High Rate:</b> 60 ml/ac of EMPHASIS® A 472 ml/ac of BROMOTRIL® 240 EC	No	<b>Co-pack includes:</b> 2 x 1.2 L EMPHASIS® A 2 x 9.7 L BROMOTRIL® 240 EC <b>Acres Treated:</b> 40 ac/co-pack
<b>INVOLVE® 50 WDG</b> (2)	Tribenuron-methyl	Control of broadleaf and grassy weed pre-seed, post-harvest and summerfallow applications (when tank-mixed with glyphosate at a rate of 0.5 REL/acre).	6 g/ac	Yes	Case: 10 x 480 g bottles - 80 ac/bottle
<b>PRIORITY® HL</b> (2)	Florasulam	Ideal tank-mix partner with glyphosate (at a rate of 0.5 REL/acre) for pre-seed burn-off to control a wide range of annual broadleaf and grassy weeds.	10 ml/ac	No	Case: 4 x 1.62 L jugs - 160 ac/jug (640 ac/case)
<b>IN-CROP</b>					
<b>BADGE®</b> (4 & 6)	Bromoxynil & MCPA Ester	Proven control of almost 30 broadleaf weeds with easy-to-use tank-mix options for one-shot weed control.	500 ml/ac	No	Case: 2 x 10 L jugs - 20 ac/jug Drum: 120 L - 240 ac/drum <b>Tote:</b> 450 L - 900 ac/tote
<b>BROMOTRIL®</b> (6)	Bromoxynil	Tough broadleaf weed control with tank-mix flexibility and excellent crop safety.	490–570 ml/ac	No	Case: 2 x 9.7 L jugs - 17–20 ac/jug
<b>ESTEEM ALL IN®</b> (4)	Clopyralid, Fluroxypyr & MCPA Ester	Superior control of hard-to-kill broadleaf weeds like Thistles, Dandelions and Cleavers. Now in a more convenient formulation with flexible use rates.	<b>Low Rate:</b> 730 ml/ac <b>High Rate:</b> 970 ml/ac	No	Case: 2 x 10.93 L jugs - 11–15 ac/jug Bulk: 116.5 L drums - 120–160 ac/drum
<b>GORDEX™</b> (2 & 4)	Florasulam & ADAMA Dicamba	Provides extended pre-seed control of several broadleaf weeds which helps reduce flushing of weeds and protects critical weed free period of your cereal crop. Controls Group 2 & 9 resistant weeds including Kochia.	<b>Fall Rate:</b> 112 ac/case <b>Spring or Fall Rate:</b> 160 ac/case	No	GORDEX™ A = 1 x 1.13 L jug GORDEX™ B = 2 x 7.76 L jugs
<b>OUTSHINE ALL IN®</b> (2 & 4)	Florasulam, Fluroxypyr & MCPA Ester	Controls the most harmful broadleaf weeds like Hemp Nettle, Cleavers, Kochia and Volunteer Canola, just to name a few.	405 ml/ac	No	Case: 2 x 8.1 L jugs - 20 ac/jug Bulk: 97.2 L drums - 240 ac/drum <b>Tote:</b> 518 L - 1280 ac/tote
<b>BUMPER® 432 EC</b>	Propiconazole	Controls Crown Rust and Septoria Leaf Blotch in oats.	120 ml/ac	No	Case: 2 x 4.8 L jugs - 40 ac/jug
<b>ORIUS® 430 EC</b> (3)	Tebuconazole	Economical disease protection. Controls Crown Rust and Stem Rust in oats.	90 ml/ac	Yes	Case: 2 x 9.44 L jugs - 105 ac/jug
<b>SORATEL®</b> (3)	Prothioconazole	Advanced disease protection with a built-in surfactant – powered by Asorbital® Formulation Technology. Controls Crown Rust.	240 ml/ac	Built into formulation	Case: 2 x 9.6 L jugs - 40 ac/jug Drum: 115.2 L - 480 ac/drum
<b>COSAYR®</b> (28)	Chlorantraniliprole	A long-lasting diamide insecticide, which quickly controls chewing insects in oats: Cutworms, Grasshoppers, Armyworms, European Corn Borer.	51–152 ml/ac	No	Case: 2 x 6 L jugs <b>Acres Treated:</b> 40–117 ac/jug
<b>SILENCER® 120 EC</b> (3)	Lambda-cyhalothrin	Controls a wide range of insects in field, tree fruit and horticulture crops.	17–94 ml/ac (Standard rate for most pests 34 ml/ac)	No	Case: 4 x 3.785 L jugs - 40–220 ac/jug
<b>SILENCER® DUO</b>	Chlorantraniliprole & Lambda-cyhalothrin	Dual mode insecticide which combines knockdown and residual control. Controls Grasshoppers and Armyworms in cereal crops.	<b>SILENCER® DUO A</b> = 50.6 ml/ac <b>SILENCER DUO B</b> = 34 ml/ac	No	Case: 2 x 6.06 L SILENCER® DUO A 2 x 4.03 L SILENCER® DUO B <b>Acres Treated:</b> 240 acres/case
<b>ZIVATA®</b> (3)	Lambda-cyhalothrin	An innovation in insect control giving you the same trusted results in a more sustainable formulation with a better user experience.	17–94 ml/ac (Standard rate for most pests 34 ml/ac)	No	Case: 2 x 4.08 L jugs - 45–240 ac/jug (standard rate: 120 ac/jug)

\* 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 for oat 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: GRASSES  
■ INSECTICIDE ■ FUNGICIDE



\*Pre-seed Only. Timing based on using the product alone. Please refer to tank-mix partners label for crop timing. †Dependent on PHI

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ⓘ Click here to see  
 our portfolio of  
 herbicides, fungicides  
 & insecticides for oats.