



# WHEAT SOLUTIONS



INSECTICIDE



HERBICIDE (BROADLEAF)



HERBICIDE (GRASS)



FUNGICIDE

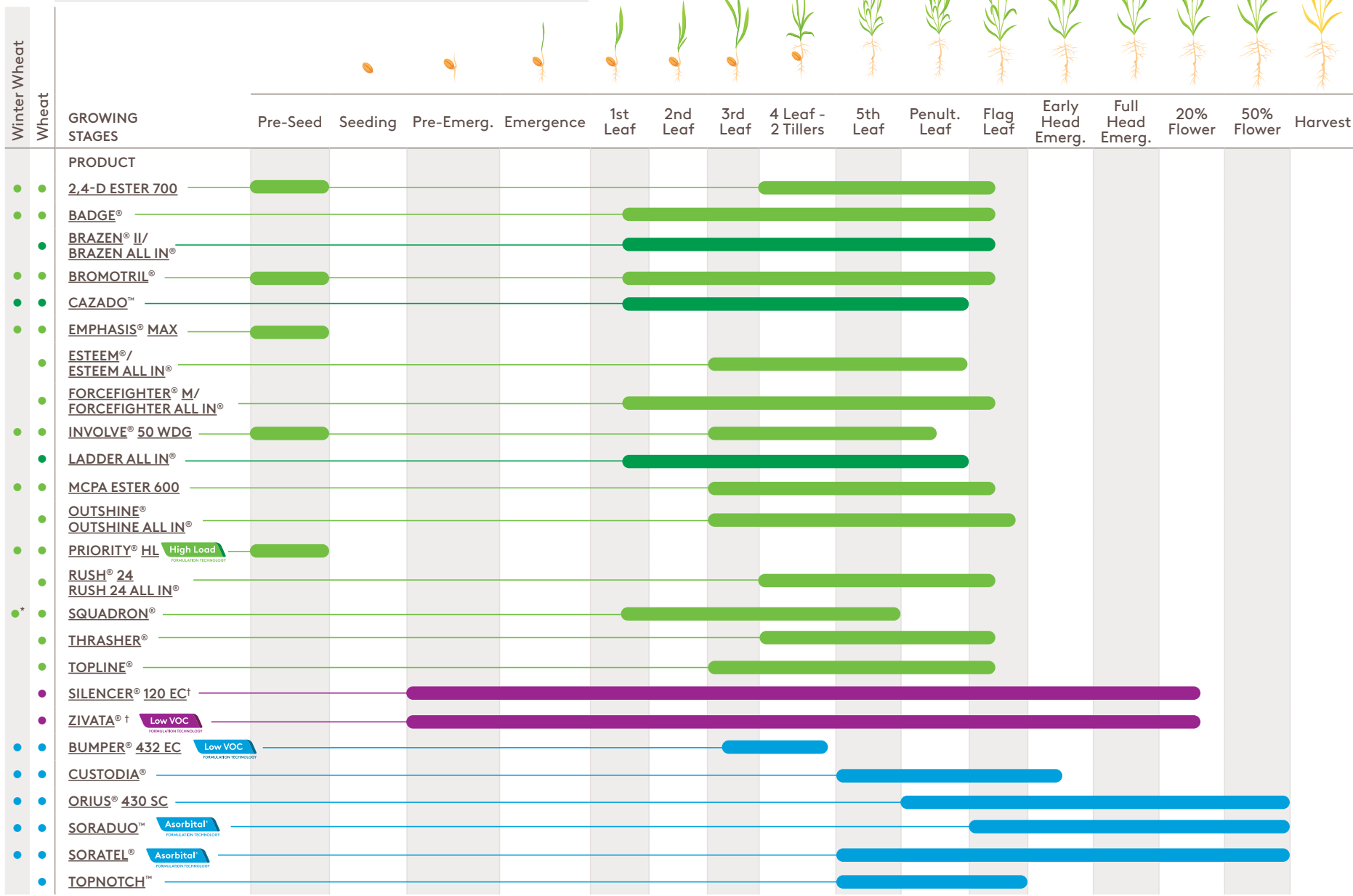
PRODUCT (GROUP #)	ACTIVE INGREDIENT	KEY BENEFITS AND USES	RATE	ADJUVANT REQ'D*?	PACKAGING ACRES TREATED
PRE-SEED					
<b>EMPHASIS® MAX</b> (6 & 14) <b>NEW</b>	Bromoxynil + Carfentrazone-ethyl	Pre-seed glyphosate partner that delivers multiple modes of action and fast burndown control of broadleaf and grasses including control of Group 2, 4, 5 and 9 resistant Kochia and glyphosate-tolerant canola	<b>Standard rate:</b> 30 ml/ac of EMPHASIS® A 472 ml/ac of BROMOTRIL® 240 EC	No	Co-pack includes: 2 x 1.2 L EMPHASIS® A 2 x 9.7 L BROMOTRIL® 240 EC Acres Treated: 40 ac/case + tank mixed with glyphosate, with a 1.2 L jug EMPHASIS® A left over
<b>INVOLVE® 50 WDG</b> (2)	Tribenuron-methyl	For control of Dandelions and other broadleaf and grassy weeds in pre-seed applications (when tank-mixed with glyphosate)	<b>INVOLVE® 50 WDG:</b> 6 g/ac <b>Glyphosate:</b> Rate varies based on the targeted weed. Please refer to the label for appropriate rates.	Not all tank mixes require an adjuvant - see label for details	Case: 10 x 480 g jugs - 80 ac/jug
<b>PRIORITY® HL</b> (2) <b>NEW</b> High Load Formulation Technology	Florasulam	Ideal glyphosate tank-mix partner (at a rate of 0.5 REL/acre) for pre-seed burn-off to control a wide range of annual broadleaf and grassy weeds <i>NOTE: No adjuvant is required when tank mixed with glyphosate. If applied on its own add Agral 90 @ 0.2% v/v</i>	10 ml/ac	No	Case: 4 x 1.62 L jugs - 160 ac/jug (640 ac/case)
IN-CROP					
<b>BRAZEN® II</b> (1)	Pinoxaden	Control of Wild Oats, Green Foxtail, Yellow Foxtail, Persian Darnel, Volunteer Oats, Volunteer Canary Seed and Proso Millet <i>NOTE: Not for use on winter or durum wheat</i>	160 – 240 ml/ac	Included in co-pack	Co-pack includes: 1 x 9.7 L jug of BRAZEN® II 1 x 11.3 L jug of Cohere™ adjuvant Acres Treated: 40 – 60 ac/co-pack
<b>BRAZEN ALL IN®</b> (1) <b>NEW</b>	Pinoxaden	Post-emergence herbicide for the control of grassy weeds with great tank-mix flexibility and built-in adjuvant	500 ml/ac	Built-in adjuvant	Case: 2 x 10 L jugs Acres Treated: 20 ac/jug
<b>CAZADO™</b> (1 & 2) <b>NEW</b>	Pinoxaden + Thiencarbazone-methyl	Only solution that provides true dual mode of action control of Wild Oats, giving wheat growers their first ever in-crop opportunity to proactively protect against grassy weed resistance.	243 ml/ac	MSO or COC (ex Cohere or Addit at 0.5% v/v) Or a Non-ionic surfactant like Agral 90 at 0.25% v/v <sup>1</sup>	Case: 2 x 9.72 L jugs Drum: 77.8 L Acres treated: 40 ac/jug; 320 ac/drum
<b>LADDER ALL IN®</b> (1)	Clodinafop-propargyl	Trusted graminicide with a built-in surfactant. Controls Barnyard Grass, Green Foxtail, Yellow Foxtail, Volunteer Canary Seed, Volunteer Tame Oats, Wild Oats and Persian Darnel <sup>1</sup> <i>NOTE: Not for use on winter wheat      <sup>1</sup>Use higher rates when targeting Persian Darnel</i>	283 – 356 ml/ac	Built-In surfactant	Case: 2 x 5.66 L jugs - 15 – 20 ac/jug Drum: 90.6 L - 255 – 320 ac/drum
<b>BADGE®</b> (4 & 6)	Bromoxynil + MCPA Ester	Strong on Buckwheat and Night Flowering Catchfly	500 ml/ac	No	Case: 2 x 10 L jugs - 20 ac/jug Drum: 120 L - 240 ac/drum
<b>ESTEEM ALL IN®</b> (4) <b>NEW</b>	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>FORCEFIGHTER ALL IN®</b> (4 & 6) <b>NEW</b>	Bromoxynil Fluroxypyr & MCPA 2-EH Ester	Provides dual modes of action post-emergent control of annual and perennial broadleaf weeds in wheat	567 ml/ac	No	Case: 2 x 11.37 L jugs - 20 ac/jug Drum: 90.96 L - 160 ac/drum Tote: 454.8 L - 802 ac/tote
<b>OUTSHINE ALL IN®</b> (2 & 4) <b>NEW</b>	Florasulam, Fluroxypyr & MCPA 2-EH Ester	A selective postemergence herbicide for the control of hard-to-kill annual broadleaf weeds in wheat. Now in a more convenient formulation	405 ml/ac	No	Case: 2 x 8.1 L jugs - 20 ac/jug Drum: 97.2 L - 240 ac/drum Tote: 518 L - 1280 ac/tote
<b>RUSH 24 ALL IN®</b> (4) <b>NEW</b>	2,4-D Ester & Fluroxypyr	Controls a wide spectrum of broadleaf weeds like Cleavers and Kochia (including Group 2-resistant biotypes) with excellent grassy weed herbicide compatibility. Now in a more convenient formulation	445 ml/ac	No	Case: 2 x 8.9 L jugs - 40 ac/case Drum: 106.8 L - 240 ac/drum Tote: 427.2 L - 960 ac/tote
<b>BUMPER® 432 EC</b> (3) <b>Low VOC</b> Formulation Technology	Propiconazole	Controls Septoria Leaf Spot, Tan Spot, Leaf And Stem Rust, Powdery Mildew, Septoria Glume Blotch and Stripe Rust in wheat	<b>Early-season:</b> 60 ml/ac <b>Standard rate:</b> 120 ml/ac	No	Case: 2 x 4.8 L jugs - 40 – 80 ac/jug
<b>CUSTODIA®</b> (3 & 11)	Azoxystrobin + Tebuconazole	Multi-mode of action fungicide that controls Leaf Rust, Stem Rust, Stripe Rust, Septoria Leaf Blotch and Tan Spot in wheat	190 – 250 ml/ac	No	Case: 2 x 10.08 L jugs - 40 – 53 ac/jug
<b>SORADUO™</b> (3) <b>Powered by Asorbital®</b> Formulation Technology	Tebuconazole & Prothioconazole	Advanced disease protection powered by Asorbital® Formulation Technology. SORADUO™ provides proven Fusarium protection in wheat	<b>SORADUO™ A:</b> 162 ml/ac <b>SORADUO™ B:</b> 94 ml/ac	Built into formulation	Co-pack includes: 1 x 9.71 L jug of SORADUO™ A 1 x 5.65 L jug of SORADUO™ B Acres Treated: 60 ac/co-pack
<b>SORATEL®</b> (3) <b>Powered by Asorbital®</b> Formulation Technology	Prothioconazole	Advanced disease protection with a built-in surfactant – powered by Asorbital® Formulation Technology. Control of Glume Blotch, Leaf Rust, Speckled Leaf Blotch, Tan Spot and suppression of Fusarium Head Blight	240 – 320 ml/ac	Built into formulation	Case: 2 x 9.6 L jugs - 30 – 40 ac/jug Drum: 115.2 L - 480 ac/drum
<b>SILENCER® 120 EC</b> (3)	Lambda-cyhalothrin	Controls Grasshoppers and Armyworms in wheat	17 – 94 ml/ac (Standard rate for most pests: 34 ml/ac)	No	Case: 4 x 3.785 L jugs - 40 – 220 ac/jug (Standard rate: 110 ml/ac)

NOTE: These are just a few of the many ADAMA crop protection products available for wheat 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).

\* These products must be used with a labelled surfactant or adjuvant. See product label for rates.  
<sup>1</sup> Optional under heavy weed pressure

# WHEAT GROWTH STAGES

HERBICIDE: BROADLEAF HERBICIDE: GRASSES INSECTICIDE FUNGICIDE



\*In-crop only. Timing based on using the product alone. Please refer to tank-mix partners label for crop timing. †Dependent on PHI ⚠ Always read and follow label directions.

BADGE®, BRAZEN® II, BRAZEN ALL IN®, BROMOTRIL®, BUMPER®, CUSTODIA®, EMPHASIS® MAX, ESTEEM®, ESTEEM ALL IN®, FORCEFIGHTER® M, FORCEFIGHTER ALL IN®, INVOLVE®, LADDER ALL IN®, ORIOUS®, OUTSHINE®, OUTSHINE ALL IN®, PRIORITY® HL, RUSH® 24, RUSH 24 ALL IN®, SILENCER®, SORATEL®, SQUADRON®, THRASHER®, TOPLINE®, and ZIVATA® are registered trademarks and, CAZADO™, COHERE™, SORADUO™, and TOPNOTCH™ are trademarks of an ADAMA Group Company. All other products are trademarks of their respective companies.

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