



# WINTER WHEAT SOLUTIONS



INSECTICIDE



HERBICIDE (BROADLEAF)



HERBICIDE (GRASS)



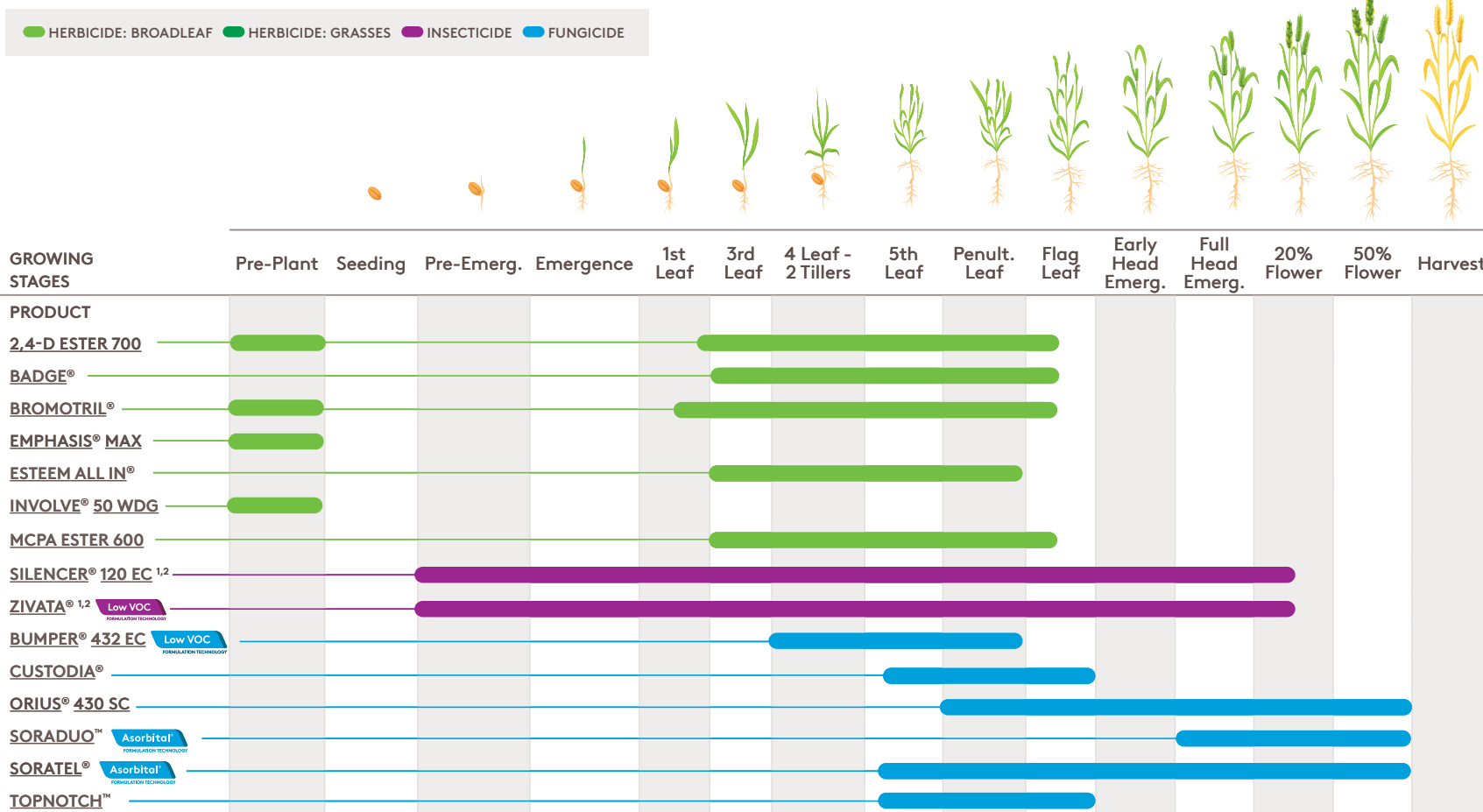
FUNGICIDE

PRODUCT (GROUP #)	ACTIVE INGREDIENT	KEY BENEFITS AND USES	RATE	ADJUVANT REQ'D*?	PACKAGING ACRES TREATED
PRE-PLANT					
<b>BROMOTRIL® (6)</b>	Bromoxynil	Pre-plant option when tank-mixed with glyphosate (at a rate of 0.5 REL/acre) to control tough broadleaf weeds.	490 ml/ac	No	Case: 2 x 9.7 L jugs 20 ac/jug
<b>EMPHASIS® (6 &amp; 14)</b>	Bromoxynil + Carfentrazone-ethyl	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) <i>NOTE: Does not include Group 9-resistant fleabane</i>	<b>EMPHASIS® A:</b> 30 ml/ac <b>BROMOTRIL®:</b> 472 ml/ac	No	Co-pack includes: 2 x 1.2 L EMPHASIS® A 2 x 9.7 L BROMOTRIL® 240 EC Acres Treated: 40 ac/co-pack
<b>INVOLVE® 50 WDG (2)</b>	Tribenuron-methyl	Control of broadleaf and grassy weeds in pre-plant and post-harvest 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 800 ac/case
IN-CROP					
<b>BADGE® (4 &amp; 6)</b>	Bromoxynil + MCPA Ester	Proven control of almost 30 broadleaf weeds; Easy-to-use tank-mix options for one-shot weed control.	500 ml/ac	No	Case: 2 x 10 L jug 20 ac/jug
<b>BROMOTRIL® (6)</b>	Bromoxynil	Tough broadleaf weed control with tank-mix flexibility and excellent crop safety.	490 ml/ac	No	Case: 2 x 9.7 L jugs 20 ac/jug
<b>ESTEEM ALL IN® (4)</b>	Fluroxypyr, Clopyralid & MCPA 2 EH Ester	Superior control of hard-to-kill broadleaf weeds like Thistles, Dandelions and Cleavers, in a convenient formulation with flexible use rates in cereal crops.	790-970 ml/ac	No	Case: 2 x 10.93 L jugs
<b>BUMPER® 432 EC (3)</b> 	Propiconazole	A great disease option to protect against Septoria Leaf Spot, Glume Blotch, Powdery Mildew, Leaf Rust, Stem Rust, Tan Spot and Stripe Rust.	<b>Early-season control:</b> 60 ml/ac <b>Standard rate:</b> 120 ml/ac	No	Case: 2 x 4.8 L jugs 40-80 ac/jug
<b>SORADUO™ (3)</b> 	Tebuconazole & Prothioconazole	Advanced disease protection powered by Asorbital® Formulation Technology. Provides proven fusarium protection in winter 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® (3)</b> 	Prothioconazole	Advanced disease protection powered by Asorbital® Formulation Technology. Apply during ideal conditions for suppression of Fusarium Head Blight.	240-320 ml/ac	Built into formulation	Case: 2 x 9.6 L jugs 30-40 ac/jug
<b>TOPNOTCH™ (3 &amp; 11)</b>	Azoxystrobin & propiconazole	For best results and protection against a number of leaf diseases, apply once between stem elongation and half-head emergence with good spray coverage.	210 ml/ac	No	Case: 2 x 8.6 L jugs 40 ac/jug
<b>ZIVATA® (3)</b> 	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 side for restrictions regarding treated crops and livestock.</i>	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 ml/ac)

\* 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 winter wheat growers in Eastern Canada. For a complete list of registered products and labels, please visit our website at [www.adama.com](http://www.adama.com)

# WINTER WHEAT GROWTH STAGES



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

<sup>1</sup>Dependent of Pre-harvest Interval (PHI)

<sup>2</sup> DO NOT cut treated fields for silage/forage. DO NOT graze treated fields. DO NOT feed treated crops to livestock. For grasses/nongrasses grown for seed production only, DO NOT feed seed screenings and aftermath to livestock.

\*For use on glufosinate-ammonium-tolerant soybeans

 Always read and follow label directions.

2024-10

ASORBITAL®, BADGE®, BROMOTRIL®, BUMPER®, CUSTODIA®, EMPHASIS®, ESTEEM ALL IN®, INVOLVE®, ORIOUS®, SILENCER®, SORATEL®, and ZIVATA® are registered trademarks and SORADUO™ and TOPNOTCH™ are trademarks of an ADAMA Group Company. All other products are trademarks of their respective companies. © 2024 ADAMA Agricultural Solutions Canada Ltd.

Listen • Learn • Deliver  
ADAMA.COM

CLICK  
HERE

See our portfolio of herbicides, fungicides & insecticides for winter wheat here.