



WINTER WHEAT SOLUTIONS

PRODUCT (GROUP #)	ACTIVE INGREDIENT	KEY BENEFITS AND USES	RATE	ADJUVANT REQ'D?*	PACKAGING ACRES TREATED
PRE-PLANT					
SOMBRERO® 600 FS (4) (seed treatment)	Imidacloprid	Long-lasting, early-season control of tough insect pests, including wireworms	17–50 ml/100 kg seed	No	Case: 8 × 1.54 L jugs
BROMOTRIL® (6)	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
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 tank-mixed with glyphosate at a rate of 0.5 REL/acre) NOTE: Does not include Group 9-resistant fleabane	EMPHASIS® A: 30 ml/ac BROMOTRIL®: 472 ml/ac	No	Co-pack includes: · 2 × 0.6 L jugs of EMPHASIS® A · 2 × 9.7 L jugs of BROMOTRIL® 40 ac/co-pack
INVOLVE® 50 WDG (2)	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 × 480 g bottles 80 ac/bottle 800 ac/case
IN-CROP					
BISON® 400 L (1)	Tralkoxydim	Wide window of application and excellent control of wild oats Tank-mix flexibility with multiple broadleaf herbicides	200 ml/ac	Included in co-pack	Co-pack includes: · 1 × 8 L jug of BISON® 400 L · 1 × 8 L jug of Addit® adjuvant 40 ac/co-pack
BADGE® (4 & 6)	Bromoxynil & MCPA 2 EH	Proven control of almost 30 broadleaf weeds Easy-to-use tank-mix options for one-shot weed control	500 ml/ac	No	Case: 2 × 10 L jug 20 ac/jug
BROMOTRIL® (6)	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
BUMPER® 432 EC (3) <small>Low VOC FORMULATION TECHNOLOGY</small>	Propiconazole	A great disease option to protect against Septoria leaf spot, glume blotch, powdery mildew, leaf rust, stem rust, tan spot and stripe rust	Early-season control: 60 ml/ac Standard rate: 120 ml/ac	No	Case: 2 × 4.8 L jugs 40–80 ac/jug
SORADUO™ (3) <small>POWERED BY ASORBITAL FORMULATION TECHNOLOGY</small>	Tebuconazole & Prothioconazole	Advanced disease protection powered by Asorbital® Formulation Technology Provides proven fusarium protection in winter wheat	SORADUO™ A: 162 ml/ac SORADUO™ B: 94 ml/ac	Built in	Co-pack includes: · 1 x 9.71 L jug of SORADUO™ A · 1 x of 5.65 L jug of SORADUO™ B 60 ac/co-pack
SORATEL® (3) <small>POWERED BY ASORBITAL FORMULATION TECHNOLOGY</small>	Prothioconazole	Advanced disease protection powered by Asorbital® Formulation Technology Apply during ideal conditions for suppression of fusarium head blight	240–320 ml/ac	Built in	Case: 2 × 9.6 L jugs 30–40 ac/jug
TOPNOTCH™ (3 & 11)	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 × 8.6 L jugs 40 ac/jug
NEW 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. NOTE: See reverse side for restrictions regarding treated crops and livestock.	17–94 ml/ac (standard rate: 34 ml/ac)	No	Case: 2 × 4.08 L jugs 45–240 ac/jug (standard rate: 120 ac/jug)



INSECTICIDE



HERBICIDE (BROADLEAF)



HERBICIDE (GRASS)



FUNGICIDE

* These products must be used with a labelled surfactant or adjuvant. Please refer to product label.

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



WINTER WHEAT SOLUTIONS

- HERBICIDE Broadleaf
- HERBICIDE Grass
- INSECTICIDE
- FUNGICIDE



GROWTH STAGE

Pre-Plant

Germination

Tillering

Stem Elongation

Heading

Ripening

Post-Harvest

PRODUCT



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

¹ Dependent on Pre-harvest Interval (PHI)

² 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.

Always read and follow label directions.

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