



WINTER WHEAT SOLUTIONS



INSECTICIDE







HERBICIDE (BROADLEAF)



HERBICIDE (GRASS)



FUNGICIDE

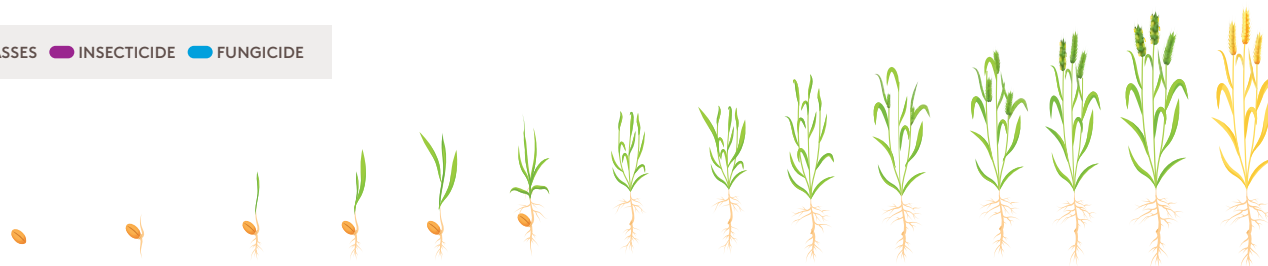
PRODUCT (GROUP #)	ACTIVE INGREDIENT	KEY BENEFITS AND USES	RATE	ADJUVANT REQ'D*?	PACKAGING ACRES TREATED
PRE-PLANT					
BROMOTRIL® 240 EC (6)	Bromoxynil	Pre-plant option when tank-mixed with glyphosate (at a rate of 0.5 REL/acre) to control tough broadleaf weeds.	490 ml/ac	No	Case: 2 x 9.7 L jugs 20 ac/jug
EMPHASIS® MAX (6 & 14)	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>	EMPHASIS® A: 30 ml/ac BROMOTRIL®: 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
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 x 480 g bottles 80 ac/bottle 800 ac/case
IN-CROP					
BADGE® (4 & 6)	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
BROMOTRIL® 240 EC (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
ESTEEM ALL IN® (4)	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.	730-970 ml/ac	No	Case: 2 x 10.93 L jugs 11-15 ac/jug
BUMPER® 432 EC (3) 	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 x 4.8 L jugs 40-80 ac/jug
SORADUO™ (3) 	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 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
SORATEL® (3) 	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
COSAYR® (28) 	Chlorantraniliprole	A long-lasting diamide insecticide, which quickly controls chewing insects; Cutworms, Grasshopper, Armyworm.	51-152 ml/ac	No	Case: 12 x 1 L jugs (treats 5-20 ac/jug) Case: 2 x 6 L jugs (treats 30-120 ac/jug) Acres Treated: 79-234 ac/case
SILENCER® 120 EC (3)	Lambda-cyhalothrin	Flexible, broad-spectrum insect which controls Armyworms, Grasshoppers.	34 ml/ac	No	Case: 4x3.785 L jugs 110 ac/jug
SILENCER® DUO (3 & 28) 	Chlorantraniliprole & Lambda-cyhalothrin	Controls Armyworm and Grasshoppers.	SILENCER® DUO A: 50.6-116 ml/ac SILENCER® DUO B: 34-76 ml/ac	No	2 x 6.06 L jugs of SILENCER® DUO A 2 x 4.03 L jugs of SILENCER® DUO B Acres Treated: 106-240 ac/case

* 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

WINTER WHEAT GROWTH STAGES

■ HERBICIDE: BROADLEAF
 ■ HERBICIDE: GRASSES
 ■ INSECTICIDE
 ■ FUNGICIDE



GROWING STAGES	Pre-Plant	Seeding	Pre-Emerg.	Emergence	1st Leaf	3rd Leaf	4 Leaf - 2 Tillers	5th Leaf	Penult. Leaf	Flag Leaf	Early Head Emerg.	Full Head Emerg.	20% Flower	50% Flower	Harvest
PRODUCT															
2,4-D ESTER 700															
BADGE®															
BISON® 400 L															
BROMOTRIL® 240 EC															
EMPHASIS® MAX															
ESTEEM ALL IN®															
INVOLVE® 50 WDG															
MCPA ESTER 600															
RUSH® 24 ALL IN															
COSAYR®															
SILENCER® 120 EC^{1,2}															
SILENCER® DUO^{1,2}															
ZIVATA®^{1,2} <small>Low VOC FORMULATION TECHNOLOGY</small>															
BUMPER® 432 EC <small>Low VOC FORMULATION TECHNOLOGY</small>															
CUSTODIA®															
MAXENTIS®															
ORIOUS® 430 SC															
SORADUO™ <small>Asorbital FORMULATION TECHNOLOGY</small>															
SORATEL® <small>Asorbital FORMULATION TECHNOLOGY</small>															
TOPNOTCH™															

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

¹ Dependent of 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.

*For use on glufosinate-ammonium-tolerant soybeans