









# SOYBEAN SOLUTIONS

PRODUCT (GROUP #)	ACTIVE INGREDIENT	KEY BENEFITS AND USES	RATE	ADJUVANT REQ'D?*	PACKAGING ACRES TREATED	COST/ ACRE
PRE-PLANT						
 <b>ALIAS® 240 SL (4)</b> (seed and soil treatment)	Imidacloprid	Seed and soil treatment for long lasting, early-season control	260–520 ml/100 kg seed	No	Case: 4 x 3.785 L jugs	
 <b>SOMBRERO® 600 FS (4)</b> (seed treatment)	Imidacloprid	Long-lasting, early-season control of tough insect pests, including wireworms	104–208 ml/100 kg seed	No	Case: 8 x 1.54 L jugs	
 <b>INVOLVE® 50 WDG (2)</b>	Tribenuron-methyl	Control of broadleaf weeds, and grassy weeds (when tank-mixed with glyphosate at a rate of 0.5 REL/ac) in a pre-seed, post-harvest and summer fallow applications	6 g/ac	Yes	Case: 10 x 480 g bottles 80 ac/bottle 800 ac/case	
IN-CROP						
WEED CONTROL						
 <b>ARROW® 240 EC (1)</b>	Clethodim	Broad-spectrum grassy weed control	Light infestations: 50 ml/ac Standard rate: 75 ml/ac Quackgrass: 150 ml/ac	Included in co-pack	Co-pack includes: · 1 x 3 L jug of ARROW® 240 EC · 1 x 9 L jug of X-ACT® adjuvant 20–60 ac/case	
 <b>ARROW ALL IN® (1)</b>	Clethodim	Superior grassy weed control with the convenience of a built-in surfactant in a formulation unique to ADAMA	Light infestations: 100 ml/ac Standard rate: 150 ml/ac Quackgrass: 300 ml/ac	Built into formulation	Case: 2 x 6 L jugs 20–60 ac/jug	
 <b>LEOPARD® (1)</b>	Quizalofop-P-ethyl	Control of hard-to-kill grassy weeds	150–290 ml/ac	Yes	Case: 2 x 7.8 L jugs 40 ac/jug (standard rate)	
 <b>PHANTOM® 240 SL (2)</b>	Imazethapyr	Broadleaf and grassy weed control with timing flexibility to apply in pre-plant, pre-plant incorporated, pre-emergent or post-emergent applications	126–170 ml/ac	Yes	Case: 2 x 3.3 L jugs 20–26 ac/jug	
DISEASE CONTROL						
 <b>BUMPER® 432 EC (3)</b>	Propiconazole	Broad-spectrum systemic fungicide that protects against yield and quality losses due to frogeye leaf spot and aerial web blight (rhizoctonia foliar blight)	120 ml/ac	No	Case: 2 x 4.8 L jugs 40 ac/jug	
 <b>NEW SORATEL™ (3)</b> <small>POWERED BY Asorbital™ FORMULATION TECHNOLOGY</small>	Prothioconazole	Advanced disease protection with a built-in surfactant – powered by Asorbital™ Formulation Technology Flexible application window and protection against diseases including Asian soybean rust and frogeye leaf spot	160 ml/ac	Built into formulation	Case: 2 x 9.6 L jugs 60 ac/jug	
 <b>TOPNOTCH™ (3 &amp; 11)</b>	Azoxystrobin & propiconazole	Broad-spectrum disease control of mycosphaerella blight, anthracnose, powdery mildew and suppression of white mould	310–620 ml/ac	No	Case: 2 x 8.6 L jugs 14–30 ac/jug	
PEST CONTROL						
 <b>SILENCER® 120 EC (3)</b>	Lambda-cyhalothrin	Flexible, broad-spectrum insect control for soybean aphids, grasshoppers and cutworms	33–94 ml/ac	No	Case: 4 x 3.785 L jugs 40–113 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	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)	
PRE-HARVEST AID						
 <b>ARMORY® 240 (22)</b>	Diquat	More precise harvest timing with fast drydown of crops; protection of yield and grade; and reduction in disease transmission late in the season	500–665 ml/ac (ground)	Yes	Case: 2 x 10 L jugs 15–20 ac/jug	



INSECTICIDE



HERBICIDE (BROADLEAF)



HERBICIDE (GRASS)

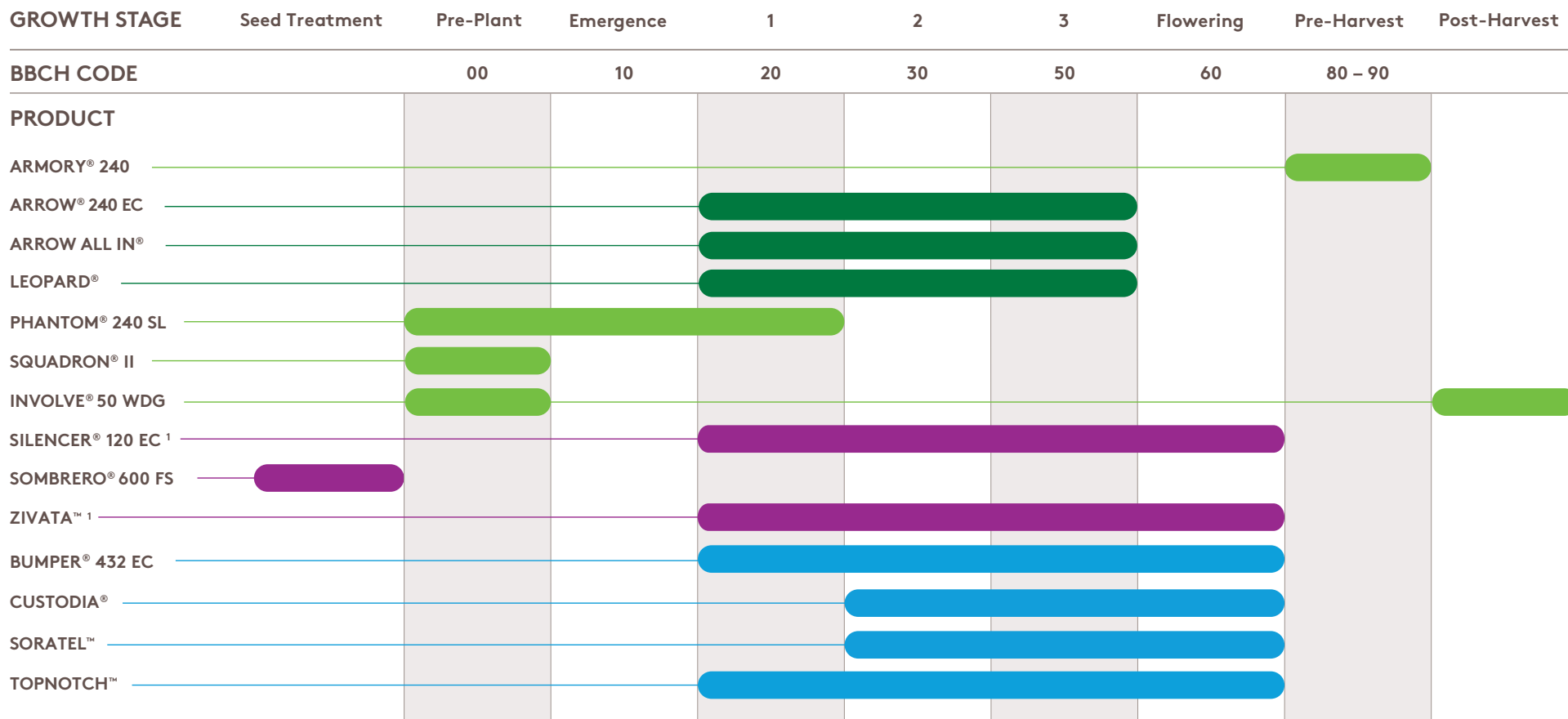


FUNGICIDE

\* 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 soybean 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)

- HERBICIDE Broadleaf
- HERBICIDE Grass
- INSECTICIDE
- FUNGICIDE



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

<sup>1</sup> Dependent on PHI

 Always read and follow label directions.