

Bt Corn Products/Traits Currently Available in Canada – As of April 2017

Trade Name	Transgenic Component	Transgenic Events	Target Pests ¹		Herbicide Tolerance ²	Refuge % & Location	EU Approved
			Above Ground	In Soil			
AGRISURE® PRODUCTS							
Agrisure® CB/LL	Cry1Ab	Bt 11	ECB	—	LL	20% - 400 m	Y
Agrisure® GT/CB/LL	Cry1Ab	Bt11 GA21	ECB	—	GT LL	20% - 400 m	Y
Agrisure® 3000GT	Cry1Ab mCry3A	Bt11 GA21 MIR604	ECB	CRW	GT LL	20% - adjacent	Y
Agrisure Viptera® 3110	Vip3A Cry1Ab	Bt11 GA21 MIR162	BCW, CEW, ECB, FAW, WBC	—	GT LL	20% - 400 m	N*
Agrisure Viptera® 3111	Vip3A Cry1Ab mCry3A	Bt11 GA21 MIR604 MIR162	BCW, CEW, ECB, FAW, WBC	CRW	GT LL	20% - adjacent	N*
Agrisure Viptera® 3220	Cry1Ab Vip3A Cry1F	Bt11 GA21 TC1507 MIR162	BCW, CEW, ECB, FAW, WBC	—	GT	5% IR	N*
Agrisure® 3122	Cry1Ab mCry3A Cry1F Cry34Ab1/Cry35Ab	Bt11 GA21 DAS-59122-7 MIR604 TC1507	BCW, ECB, FAW	CRW	GT	5% IR	N*
Agrisure® 3120	Cry1Ab, Cry1F	Bt11 GA21 TC1507	BCW, ECB, FAW	—	GT	5% IR	N*
*stack is not approved but all single traits have approval in the EU							
GENUITY® PRODUCTS							
Genuity® VT Double PRO® (GENVT2P)	Cry1A.105 Cry2Ab2	MON89034 NK603	CEW, ECB, FAW	—	RR2	5% IR	Y
Genuity® VT Triple PRO® (GENVT3P)	Cry1A.105 Cry2Ab2 Cry3Bb1	MON88017 MON89034	CEW, ECB, FAW	CRW	RR2	10% IR	Y
Genuity® SmartStax® (GENSS) (Monsanto) or SmartStax® (Dow)	Cry1A.105 Cry2Ab2 Cry1F Cry3Bb1 Cry34Ab1/Cry35Ab1	MON88017 MON89034 TC1507 DAS59122-7	BCW, CEW, ECB, FAW	CRW	LL RR2	5% - adjacent (2 row minimum) or 5% IR	Y
HERCULEX® PRODUCTS							
Herculex® 1 (HX1)	Cry1F	TC1507	BCW, ECB, FAW	—	LL	20% - 400 m	Y
Herculex® 1 (HX1) w RR2	Cry1F	TC1507 NK603	BCW, ECB, FAW	—	LL RR2	20% - 400 m	Y
Herculex® XTRA (HXX)	Cry1F Cry34Ab1/Cry35Ab1	TC1507 DAS59122-7	BCW, ECB, FAW	CRW	LL	20% - adjacent	Y
Herculex® XTRA (HXX) w RR2	Cry1F Cry34Ab1/Cry35Ab1	TC1507 DAS59122-7 NK603	BCW, ECB, FAW	CRW	LL RR2	20% - adjacent	Y
OPTIMUM® PRODUCTS							
Optimum® IntraSect® Insect Protection	Cry1F Cry1Ab	NK603 TC1507 MON810	BCW, ECB, FAW	—	LL RR2	5% - 400 m	N
Optimum® AcreMax®	Cry1F Cry1Ab	NK603 TC1507 MON810	BCW, ECB, FAW	—	LL RR2	5% IR	N
Optimum® IntraSect® Xtra	Cry1F Cry 1Ab Cry34Ab1/Cry35Ab1	NK603 TC1507 MON810 DAS59122-7	BCW, ECB, FAW	CRW	LL RR2	20% - adjacent	N
Optimum® AcreMax® XTreme	Cry1F Cry1Ab Cry34Ab1/Cry35Ab1 mCry3A	NK603 TC1507 MON810 DAS59122-7 MIR604	BCW, ECB, FAW	CRW	LL RR2	5% IR	N
Optimum® AcreMax® Xtra	Cry1F Cry 1Ab Cry34Ab1/Cry35Ab1	NK603 TC1507 MON810 DAS59122-7	BCW, ECB, FAW	CRW	LL RR2	10% IR	N
SWEET CORN PRODUCTS							
Performance Series	Cry1A.105 Cry2Ab2 Cry3Bb1	MON88017 MON89034	CEW, ECB, FAW	CRW	RR2	No refuge required if stubble	Y

¹ Target Insects:

BCW - black cutworm; ECB - European corn borer;
CEW - corn earworm; FAW - fall armyworm;
CRW - corn rootworm; WBC - western bean cutworm

² Herbicide traits:

GT - glyphosate tolerant;
LL - Liberty Link / glufosinate tolerant;
RR2 - Roundup Ready® / glyphosate tolerant

Note: Herbicide tolerances listed are for the non-Integrated Refuge products. Integrated Refuge products may have different herbicide tolerances and herbicide selection should be based on the properties of the refuge hybrid.

IR = refers to Integrated Refuge, where refuge hybrid seed has been pre-mixed with Bt hybrid seed in the bag.

Any edits or updates required on this table can be directed to: Tracey Baute, Field Crop Entomologist, OMAFRA