

Handy Bt trait table Updated January 2015	VOID protein(s)	Insects controlled (bold) or suppressed (<i>italics</i>) Above-ground-----In soil	Herbicide tolerant?	Refuge %, location in the MIDWEST	
Agrisure Trait Family					
Agrisure CB/LL/RW	Cry1Ab mCry3A	ECB CEW FAW SB	RW	LL	20% in field/adjacent
Agrisure 3000GT	Cry1Ab mCry3A	ECB CEW FAW SB	RW	GT LL	20% in field/adjacent
Agrisure Artesian 3011A	Cry1Ab mCry3A	ECB CEW FAW SB	RW	GT LL	20% in field/adjacent
Agrisure Viptera 3110	Cry1Ab Vip3A	BCW CEW ECB FAW WBC SB	---	GT LL	20% within ½ mile
Agrisure Viptera 3111	Cry1Ab mCry3A Vip3A	BCW CEW ECB FAW WBC SB	RW	GT LL	20% in field/adjacent
Agrisure 3122 E-Z Refuge	Cry1Ab Cry1F mCry3A Cry34/35Ab1	BCW ECB FAW WBC CEW SB	RW	GT	5% <i>in the bag</i>
Agrisure Viptera 3220 E-Z Refuge	Cry1Ab Cry1F Vip3A	BCW CEW ECB FAW WBC SB	---	GT	5% <i>in the bag</i>
Agrisure Duracade 5122	Cry1Ab Cry1F mCry3A eCry3.1Ab	BCW CEW ECB FAW WBC SB	RW	GT LL	5% <i>in the bag</i>
Agrisure Duracade 5222	Cry1Ab Cry1F Vip3A mCry3A eCry3.1Ab	BCW CEW ECB FAW WBC SB	RW	GT LL	5% <i>in the bag</i>
Herculex Trait Family					
Herculex 1 (HX1)	Cry1F	BCW ECB FAW WBC CEW SB	---	LL	20% within ½ mile
Herculex XTRA (HXX)	Cry1F Cry34/35Ab1	BCW ECB FAW WBC CEW SB	RW	RR2 (most)	20% in field/adjacent
Optimum Trait Family					
Optimum TR sect	Cry1F mCry3A	BCW ECB FAW WBC CEW SB	RW	LL RR2	20% in field/adjacent
Optimum Intrasect	Cry1F Cry1Ab	BCW ECB FAW WBC CEW SB	---	LL RR2	5% within ½ mile
Optimum Intrasect XTra	Cry1F Cry1Ab Cry34/35Ab1	BCW ECB FAW WBC CEW SB	RW	LL RR2	20% in field/adjacent
Optimum Intrasect XTreme	Cry1F Cry1Ab mCry3A Cry34/35Ab1	BCW ECB FAW WBC CEW SB	RW	LL RR2	5% in field/adjacent
Optimum (AM) AcreMax	Cry1F Cry1Ab	BCW ECB FAW WBC CEW SB	---	RR2	5% <i>in the bag</i>
Optimum (AMRW) AcreMax Rootworm	Cry34/35Ab1	---	RW	RR2	10% <i>in the bag</i>
Optimum (AM1) AcreMax1	Cry1F Cry34/35Ab1	BCW ECB FAW WBC CEW	RW	LL RR2	10% <i>in the bag (RW)</i> & 20% - ½ mile (CB)
Optimum (AMX) AcreMax Xtra	Cry1F Cry1Ab Cry34/35Ab1	BCW ECB FAW WBC CEW SB	RW	RR2	10% <i>in the bag</i>
Optimum (AMXT) AcreMax XTreme	Cry1F Cry1Ab mCry3A Cry34/35Ab1	BCW ECB FAW WBC CEW SB	RW	RR2	5% <i>in the bag</i>
YieldGard / Genuity Trait Family					
YieldGard VT Triple	Cry1Ab Cry3Bb1	ECB CEW FAW SB	RW	RR2	20% in field/adjacent
Genuity VT Double PRO RIB Complete	Cry1A.105+Cry2Ab2	CEW ECB FAW	---	RR2	5% <i>in the bag</i>
Genuity VT Triple PRO RIB Complete	Cry1A.105+Cry2Ab2 Cry3Bb1	CEW ECB FAW	RW	RR2	10% <i>in the bag</i>
Genuity SmartStax RIB Complete	Cry1A.105+Cry2Ab2 Cry1F Cry3Bb1 Cry34/35Ab1	BCW CEW ECB FAW SB WBC	RW	LL RR2	5% <i>in the bag</i>
Refuge Advanced Trait Family					
REFUGE ADVANCED Powered by SmartStax	Cry1A.105+Cry2Ab2 Cry1F Cry3Bb1 Cry34/35Ab1	BCW CEW ECB FAW SB WBC	RW	LL RR2	5% <i>in the bag</i>