

Handy Bt Trait table Updated Nov, 2012	VOID	Insects controlled (bold) or suppressed (<i>italics</i>) Above-ground-----In soil	Herbicide tolerant?	Refuge %, location in the MIDWEST	
Agrisure products					
Agrisure CB/LL	Cry1Ab	ECB CEW FAW SB	---	LL	20% within ½ mile
Agrisure GT/CB/LL	Cry1Ab	ECB CEW FAW SB	---	GT LL	20% within ½ mile
Agrisure RW	mCry3A	---	CRW	---	20% in field/adjacent
Agrisure GT/RW	mCry3A	---	CRW	GT	20% in field/adjacent
Agrisure CB/LL/RW	Cry1Ab mCry3A	ECB CEW FAW SB	CRW	LL	20% in field/adjacent
Agrisure 3000GT	Cry1Ab mCry3A	ECB CEW FAW SB	CRW	GT LL	20% in field/adjacent
Agrisure Artesian 4011	Cry1Ab mCry3A	ECB CEW FAW SB	CRW	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	CRW	GT LL	20% in field/adjacent
Agrisure 3122 E-Z Refuge	Cry1Ab Cry1F mCry3A Cry34/35Ab1	BCW ECB FAW WBC CEW SB	CRW	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>
Herculex products					
Herculex 1 (HX1)	Cry1F	BCW ECB FAW WBC CEW SB	---	LL RR2 (some)	20% within ½ mile
Herculex RW (HXRW)	Cry34/35Ab1	---	CRW		20% in field/adjacent
Herculex XTRA (HXX)	Cry1F Cry34/35Ab1	BCW ECB FAW WBC CEW SB	CRW		20% in field/adjacent
Optimum products					
Optimum TRIssect	Cry1F mCry3A	BCW ECB FAW WBC CEW SB	CRW	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	CRW	LL RR2	20% in field/adjacent
Optimum Intrasect Xtreme	Cry1F Cry1Ab mCry3A Cry34/35Ab1	BCW ECB FAW WBC CEW SB	CRW	LL RR2	5% in field/adjacent
Optimum (AM-R) AcreMax	Cry1F Cry1Ab	BCW ECB FAW WBC CEW SB	---	RR2	5% <i>in the bag</i>
Optimum (AMRW-R) AcreMax Rootworm	Cry34/35Ab1	---	CRW	RR2	10% <i>in the bag</i>
Optimum (AM1) AcreMax1	Cry1F Cry34/35Ab1	BCW ECB FAW WBC CEW	CRW	LL RR2	10% <i>in the bag</i> (CRW) & 20% - ½ mile (ECB)
Optimum (AMX-R) AcreMax Xtra	Cry1F Cry1Ab Cry34/35Ab1	BCW ECB FAW WBC CEW SB	CRW	RR2	10% <i>in the bag</i>
Optimum (AMXT-R) AcreMax Xtreme	Cry1F Cry1Ab mCry3A Cry34/35Ab1	BCW ECB FAW WBC CEW SB	CRW	RR2	5% <i>in the bag</i>
YieldGard products					
YGCB	Cry1Ab	ECB CEW FAW SB	---	RR2 (some)	20% within ½ mile
YGRW	Cry3Bb1	---	CRW	RR2 (some)	20% in field/adjacent
YieldGard Plus	Cry1Ab Cry3Bb1	ECB CEW FAW SB	CRW	RR2 (some)	20% in field/adjacent
YieldGard VTRW	Cry3Bb1	---	CRW	RR2	20% in field/adjacent
YieldGard VT Triple	Cry1Ab Cry3Bb1	ECB CEW FAW SB	CRW	RR2	20% in field/adjacent
Genuity / SmartStax products					
Genuity VT Double PRO (VT2P)	Cry1A.105 Cry2Ab2	CEW ECB FAW	---	RR2	5% within ½ mile
Genuity VT Double PRO 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	CRW	RR2	10% <i>in the bag</i>
SmartStax (Dow) or Genuity SmartStax (Monsanto)	Cry1A.105 Cry2Ab2 Cry1F Cry3Bb1 Cry34/35Ab1	BCW CEW ECB FAW SB WBC	CRW	LL RR2	5% in field/adjacent
Genuity SmartStax RIB Complete	Same as Smartstax	BCW CEW ECB FAW SB WBC	CRW	LL RR2	5% <i>in the bag</i>
REFUGE ADVANCED Powered by SmartStax	Same as Smartstax	BCW CEW ECB FAW SB WBC	CRW	LL RR2	5% <i>in the bag</i>