

GENERAL INFO.

Table 3. List of transgenic technologies used in corn hybrids entered in the 2014 UW corn trials.

First Year	Technology	Abbreviation	Traits †	Grain yield ‡		Forage yield ‡	
				N	(bu/A)	N	(T/A)
2014	Agrisure Duracade 5122 E-Z Refuge	DUR5122RIB	CB,LL,RR,RW	43		18	
2014	Agrisure Duracade 5222 E-Z Refuge	DUR5222RIB	CB,LL,RR,RW	45		6	
2011	Agrisure Viptera® 3110	Vip3110	CB,LL,RR	168	-5.1	79	-0.12
2010	Agrisure Viptera® 3111	Vip3111	CB,LL,RR,RW	342	* 1.4	156	-0.13
2013	Agrisure Viptera® 3122	Vip3122	CB,LL,RR,RW	39			
2014	Agrisure Viptera® 3122 E-Z Refuge	Vip3122RIB	CB,LL,RR,RW	17		30	
2013	Agrisure Viptera® 3220	Vip3220	CB,LL,RR	15			
2014	Agrisure Viptera® 3220 E-Z Refuge	Vip3220RIB	CB,LL,RR	15		17	
2008	Agrisure® 3000GT	3000GT	CB,LL,RR,RW	342	-1.6	270	0.00
2003	Agrisure® CB/LL/RW	CBLLRW	CB,LL,RW			18	
2006	Agrisure® GT	GT	RR	113	* -0.8	92	0.01
2006	Agrisure® GT/CB/LL	GTCBLL	CB,LL,RR	148	-3.4	33	
1930	Conventional	Conv	None	412	* 1.4	227	0.07
2009	DAS SmartStax™	DASSS	CB,LL,RR,RW	103	-4.5	81	* 0.41
2009	DAS SmartStax™ plus RIB	DASSRIB	CB,LL,RR,RW	210	-6.0	100	* 0.31
2008	Genuity™ SmartStax™	GENSS	CB,LL,RR,RW	337	* 3.6	80	-0.24
2013	Genuity™ SmartStax™ RIB	GENSSRIB	CB,LL,RR,RW	929	* 1.3	479	-0.08
2008	Genuity™ VT Double Pro™	GENVT2Pro	CB,RR	110	* 3.4	18	
2008	Genuity™ VT Double Pro™ RIB	GENVT2ProRIB	CB,RR	401	* 0.3	100	* 0.09
2010	Genuity™ VT Triple Pro™	GENVT3Pro	CB,RR,RW	179	* 2.8	78	* 0.29
2012	Genuity™ VT Triple Pro™ RIB	GENVT3ProRIB	CB,RR,RW	216	* -0.9	234	-0.11
2003	Herculex® I	HX	CB,LL	6		6	
2006	Herculex® I plus Roundup Ready® Corn 2	RR2HX	CB,LL,RR	53	* 5.8	48	
2006	Herculex® XTRA	HXT	CB,LL,RW	9			
2006	Herculex® XTRA plus Roundup Ready® Corn 2	RR2HXT	CB,LL,RR,RW	57	* 5.0		
2013	Optimum® AcreMax®	AMRIB	CB,LL,RR	296	* 3.9	45	
2011	Optimum® AcreMax® 1	AM1RIB	CB,LL,RR,RW	27		45	
2011	Optimum® AcreMax® RW	AMRWRIB	RR,RW	8			
2012	Optimum® AcreMax® Xtra	AMX	CB,LL,RR,RW	131	* 3.2	51	-0.01
2014	Optimum® AcreMax® Xtreme	AMXT	CB,LL,RR,RW	26		21	
2006	Optimum® Intrasect®	YGCBHX1LLRR2	CB,LL,RR	69	-1.4	45	
2014	Optimum® Intrasect®Xtra	YGCB,HXX,LL,RR2	CB,LL,RR,RW	27		9	
2000	Roundup Ready® Corn 2	RR2	RR	187	-4.9	136	* 0.08
2007	YieldGard® VT Triple	VT3	CB,RR,RW	27			
Total or LSD (0.10)				5107	6.7	2522	0.33

† Traits: CB= Corn borer, LL= Liberty Link, RR= Roundup Ready, RW= Corn rootworm

‡ Grain and forage yield of early and late trials are calculated in relation to the trial mean. A minimum of 50 plots was required before inclusion into the analysis.

* Technologies that performed statistically similar to the highest technology in the trial.