

TRIAL INFORMATION

Table 3. List of transgenic technologies used in corn hybrids entered in the 2016 UW corn trials.

Technology †	First		Traits ‡	Grain yield §		Forage yield §	
	Year	Abbreviation		N	Bu/A	N	T/A
1 Conventional	1930	Conv	None	309	-7.7	177	* 0.18
2 Agrisure® GT	2006	GT	RR	98	-6.7	35	----
3 Agrisure® 3010	2006	3010	CB,LL,RR	131	-2.4	15	----
5 Agrisure® 3000GT	2008	3000GT	CB,LL,RR,RW	224	-3.3	180	-0.02
6 Agrisure Viptera® 3110	2011	Vip3110	CB,LL,RR	247	2.9	85	* 0.27
7 Agrisure Viptera® 3111	2010	Vip3111	CB,LL,RR,RW	36	----	60	0.03
9 Herculex® I	2003	HX	CB,LL	36	----	12	----
16 Roundup Ready® Corn 2	2000	RR2	RR	69	* 6.6	21	----
21 Genuity™ VT Double Pro™	2008	GENVT2Pro	CB,RR	391	-2.1	51	-0.05
22 Genuity™ VT Triple Pro™	2010	GENVT3Pro	CB,RR,RW	9	----	6	----
23 Genuity™ SmartStax™	2008	GENSS	CB,LL,RR,RW	167	4.5	39	----
24 DAS SmartStax™	2009	DASSS	CB,LL,RR,RW	110	-1.2	95	* 0.52
40 Optimum® AcreMax® Xtra	2012	AMX	CB,LL,RR,RW	53	* 15.1	51	-0.01
48 Genuity™ VT Triple Pro™ RIB	2012	GENVT3ProRIB	CB,RR,RW	72	-13.4	32	----
49 Genuity™ SmartStax™ RIB	2013	GENSSRIB	CB,LL,RR,RW	1281	-0.8	642	-0.18
50 Genuity™ VT Double Pro™ RIB	2008	GENVT2ProRIB	CB,RR	780	-4.9	187	-0.17
52 Agrisure Viptera® 3220	2013	Vip3220	CB,LL,RR	---	----	36	----
54 DAS SmartStax™ plus RIB	2009	DASSSRIB	CB,LL,RR,RW	68	-15.7	113	-0.02
55 Optimum® Intrasect®	2006	YGCBHX1LLRR2	CB,LL,RR	77	* 10.7	12	----
56 Optimum® AcreMax®	2013	AMRIB	CB,LL,RR	208	* 16.4	97	* 0.54
60 Agrisure Viptera® 3122 E-Z Refuge	2014	Vip3122RIB	CB,LL,RR,RW	45	----	50	* 0.12
61 Optimum® AcreMax® Xtreme	2014	AMXT	CB,LL,RR,RW	92	* 15.6	56	* 0.46
65 Genuity® DroughtGard™	2016	GENDG	DT	8	----	---	----
66 Agrisure® 3011	2008	3011	CB,LL,RR,RW	69	3.7	32	----
67 Genuity™ VT Double Pro™ DroughtGard™	2016	GENVT2ProDG	CB,DT,RR	39	----	---	----
68 Genuity™ VT Double Pro™ DroughtGard™ RIB	2016	GENVT2ProDGRIB	CB,DT,RR	36	----	15	----
LSD(0.10)					10.6		0.45

† See Table 2 for specific hybrid transgenic technologies.

‡ Traits: CB= Corn borer, DT= Drought tolerant, 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.