

Table 3. List of transgenic technologies used in corn hybrids entered in the 2018 UW corn trials.

Technology †	First		Traits ‡	Grain yield §		Forage yield §	
	Year	Abbreviation		N	Bu/A	N	T/A
1 Conventional	1930	Conv	None	341	-4.4	342	-0.01
2 Agrisure® GT	2006	GT	RR	88	-18.5	41	
3 Agrisure® 3010	2006	3010	CB,LL,RR	144	-3.1	81	0.12
5 Agrisure® 3000GT	2008	3000GT	CB,LL,RR,RW	79	* 5.0	69	0.16
6 Agrisure Viptera® 3110	2011	Vip3110	CB,LL,RR	142	0.1	129	-0.40
7 Agrisure Viptera® 3111	2010	Vip3111	CB,LL,RR,RW	27		60	-0.73
13 Herculex® XTRA plus Roundup Ready® Corn	2006	RR2HXT	CB,LL,RR,RW			21	
16 Roundup Ready® Corn 2	2000	RR2	RR	99	-1.9	63	-0.11
21 Genuity™ VT Double Pro™	2008	GENVT2Pro	CB,RR	453	2.4	189	0.09
22 Genuity™ VT Triple Pro™	2010	GENVT3Pro	CB,RR,RW	18		6	
23 Genuity™ SmartStax™	2008	GENSS	CB,LL,RR,RW	223	0.8	108	-0.41
24 DAS SmartStax™	2009	DASSS	CB,LL,RR,RW			24	
40 Optimum® AcreMax® Xtra	2012	AMX	CB,LL,RR,RW	18			
49 Genuity™ SmartStax™ RIB	2013	GENSSRIB	CB,LL,RR,RW	606	-2.8	366	-0.11
50 Genuity™ VT Double Pro™ RIB	2008	GENVT2ProRIB	CB,RR	975	-2.5	264	0.00
52 Agrisure Viptera® 3220	2013	Vip3220	CB,LL,RR	53	* 4.9	21	
54 DAS SmartStax™plus RIB	2009	DASSSRIB	CB,LL,RR,RW	48		99	0.23
55 Optimum® Intrasect®	2006	YGCBHX1LLRR2	CB,LL,RR	8			
56 Optimum® AcreMax®	2013	AMRIB	CB,LL,RR	418	* 11.2	123	* 0.73
59 Agrisure Viptera® 3220 E-Z Refuge®	2014	Vip3220RIB	CB,LL,RR	120	0.8	105	-0.01
60 Agrisure® 3122 E-Z Refuge®	2014	3122RIB	CB,LL,RR,RW	26		75	-0.03
61 Optimum® AcreMax® Xtreme	2014	AMXT	CB,LL,RR,RW	38		6	
63 Optimum® Intrasect®Xtra	2014	YGCB,HXX,LL,RR2	CB,LL,RR,RW	9			
66 Agrisure® 3011	2008	3011	CB,LL,RR,RW	36		18	
67 Genuity™ VT Double Pro™ DroughtGard™	2016	GENVT2ProDG	CB,DT,RR	42		15	
68 Genuity™ VT Double Pro™ DroughtGard™ RIB	2016	GENVT2ProDGRIB	CB,DT,RR	21			
70 Agrisure® 3120 E-Z Refuge®	2016	3120RIB	CB,LL,RR	115	-5.2	75	-0.15
71 Powercore	2018	PCORE	CB,LL,RR	39		27	
LSD(0.10)					8.7		0.42

† 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.