

Table 3. List of transgenic technologies used in corn hybrids entered in the 2023 UW corn trials.

Technology †	First		Traits ‡	Grain yield §		Forage yield §	
	Year	Abbreviation		N	Bu/A	N	T/A
1 Conventional	1930	Conv	None	301	-5.6	135	-0.17
6 Agrisure Viptera® 3110	2011	Vip3110	CB,LL,RR	34		12	
7 Agrisure Viptera® 3111	2010	Vip3111	CB,LL,RR,RW	18		6	
16 Roundup Ready® Corn 2	2000	RR2	RR	50	-5.9	21	
21 VT Double Pro™	2008	VT2Pro	CB,RR	152	-0.8	12	
23 SmartStax™	2008	GENSS	CB,LL,RR,RW	37		6	
24 DAS SmartStax™	2009	DASSS	CB,LL,RR,RW			12	
49 SmartStax™ RIB	2013	GENSSRIB	CB,LL,RR,RW	300	-1.7	170	-0.09
50 VT Double Pro™ RIB	2008	VT2ProRIB	CB,RR	768	-1.5	57	0.19
52 Agrisure Viptera® 3220	2013	Vip3220	CB,LL,RR	15			
56 Optimum® AcreMax®	2013	AMRIB	CB,LL,RR	246	* 4.3	21	
57 Agrisure Duracade® 5122 E-Z Refuge®	2014	DUR5122RIB	CB,LL,RR,RW	80	-8.3	69	0.11
58 Agrisure Duracade® 5222 E-Z Refuge®	2014	DUR5222RIB	CB,LL,RR,RW	105	-0.4	54	0.23
59 Agrisure Viptera® 3220 E-Z Refuge®	2014	Vip3220RIB	CB,LL,RR	13		21	
60 Agrisure® 3122 E-Z Refuge®	2014	3122RIB	CB,LL,RR,RW			6	
67 VT Double Pro™ DroughtGard™	2016	VT2ProDG	CB,DT,RR	17			
68 VT Double Pro™ DroughtGard™ RIB	2016	VT2ProDGRIB	CB,DT,RR	105	* 5.2	12	
70 Agrisure® 3120 E-Z Refuge®	2016	3120RIB	CB,LL,RR	329	-6.3	45	
71 Powercore Enlist	2018	PCORE	CB,LL,RR	272	* 6.8	98	0.06
75 Qrome®	2019	Q	CB,LL,RR,RW	121	* 1.9	204	0.03
76 Trecepta®	2020	TRE	CB,RR	151	* 9.8	33	
80 Smartstax® Pro	2022	SSP	CB,LL,RR,RW	132	* 6.5	121	-0.06
81 VT Quad Pro™ RIB	2023	VT4ProRIB	CB,LL,RR,RW	33		18	
LSD (0.10)					9.0		NS

† 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.