

Greenville

2019 Corn

Performance Trial

Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
Integra	CX801115	Genuity DG VT Double PRO	82	80	26	23,595	10.2	57.6	128
LG Seeds	64C30	Genuity Trecepta	81	80	25	23,087	9.8	57.8	120
Dyna-Gro	D52SS63	SmartStax	81	74	23	22,779	10.2	57.6	120
Progeny	EXP1915	SmartStax	82	77	23	23,607	11.4	59.7	120
Integra	6695	Genuity Trecepta	79	75	23	22,579	10.7	59.0	119
REV	25LPR89	Leptra	82	79	22	22,796	10.1	57.6	118
Progeny	PGY8116	SmartStax	87	80	27	24,503	11.1	59.2	118
Progeny	EXP1918	Genuity VT Double PRO	82	74	24	22,216	10.9	57.7	117
Axis	68T58	SmartStax	85	75	25	22,579	11.3	59.5	117
Dyna-Gro	D54VC14	Genuity VT Double PRO	80	75	23	22,361	10.7	58.5	116
LG Seeds	67C45	SmartStax	87	76	24	22,796	9.8	57.2	115
B-H Genetics	8721	N/A	85	82	23	22,070	10.7	58.5	115
REV	26BHR30	Optimum Intrasect	87	80	21	23,087	10.9	59.0	115
REV	24LPR70	Leptra	85	74	21	22,630	9.5	57.2	114
Dyna-Gro	D57VC51	Genuity VT Double PRO	85	78	26	22,942	10.3	57.3	113
Progeny	PGY9114	Genuity VT Double PRO	80	76	25	22,869	9.5	57.6	111
Axis	65H25	Genuity VT Double PRO	83	79	25	21,551	10.6	58.3	109
Axis	64N21	Genuity VT Double PRO	81	76	25	22,869	9.8	57.5	109
Integra	6410	SmartStax	83	75	21	23,377	10.2	58.5	108
Pioneer	P1395R	RR2	89	77	24	23,377	11.4	58.8	108
Integra	6533	Genuity VT Double PRO	82	76	27	23,232	10.3	57.7	107

*Yields highlighted in yellow are not significantly different (L.S.D., $p=0.05$) from the top ranked hybrid.



TEXAS A&M UNIVERSITY
Soil & Crop Sciences

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Dyna-Gro	D58SS65	Genuity SmartStax	86	74	22	21,853	11.2	58.8	105
LG Seeds	68C88	Genuity VT Double PRO	86	82	28	23,087	11.1	59.2	103
Progeny	EXP1913	Genuity VT Double PRO	85	75	26	22,302	10.7	57.9	101
LG Seeds	66C32	Genuity VT Double PRO	84	77	22	23,841	10.3	57.9	101
Integra	6588	Genuity VT Double PRO	88	77	27	23,014	11.6	59.3	99
Dyna-Gro	D57VC17	Genuity VT Double PRO	85	75	26	22,658	11.0	58.5	99
Integra	6720	Genuity DG VT Double PRO	87	75	25	23,999	11.1	59.0	97
Progeny	PGY6119	Genuity VT Double PRO	84	76	21	21,624	10.6	58.1	95
Dyna-Gro	D56VC46	Genuity VT Double PRO	86	74	27	19,820	11.2	58.1	92

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Agronomic information			Mean	84	77	24	22,770	10.6	58.3	110	
Plant Date	3/21/2019		C.V. %	3.0	5.0	12.1	6.8	5.7	1.1	8.5	
Harvest Date	8/20/2019		P>f (hybrid)	0.000	0.039	0.010	0.201	0.000	0.000	0.000	
Irrigated	No		L.S.D.	3.5	5.3	4.1	0.9	0.9	0.9	13.2	
Row Spacing (in)	30	Trial Notes									
Number of Rows	2										
Seeds per Acre	24,000										
N (lb/ac)	150										
P2O5 (lb/ac)	10										
K2O (lb/ac)	2										
Precipitation (in)	32.88										
Irrigation (in)											
Herbicide											
Roundup and Atrazine at planting. Acuron and Atrazine when plants 10"		Soil Type	Clay								
		Tillage	Disked & field cultivated								
		Previous Crop	Corn								
			Cooperator							Texas A&M AgriLife Research	
			Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid blk. LSD provided when hybrid significant at p < 0.05. Yields highlighted in yellow are not statistically different from the top ranked hybrid. Plots were planted using a SRES Advanced planter with Monosem units. Plots were harvested with a JD 3300 plot combine fitted with a Harvest Master GrainGage System. Precipitation data was recorded from January 1 through the harvest date. For additional information contact: Dr. Ronnie Schnell / Katrina Horn ronschnell@tamu.edu / khorn@tamu.edu 979-845-2935 / 979-845-8505								

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