

Wharton 2020 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	6621	Genuity DG VT Double PRO	67	78	30	23,607	15.5	57.9	180
Dyna-Gro	D55VC80	Genuity VT Double PRO	68	80	30	23,870	16.1	58.5	179
Pioneer	P1464	Leptra	70	83	30	23,659	14.8	57.9	178
LG Seeds	64C30	Genuity Trecepta	67	82	31	22,974	14.6	58.6	176
LG Seeds	68C59		72	88	29	23,923	14.8	55.1	175
Progeny	PGY9117	Genuity VT Double PRO	68	81	30	23,396	16.9	59.0	174
Dyna-Gro	D57VC51	Genuity VT Double PRO	68	82	30	23,343	16.2	58.2	173
Dyna-Gro	D53TC19	Genuity Trecepta	66	77	29	22,974	13.6	57.1	173
Progeny	PGY2025	Genuity DG VT Double PRO	67	80	30	23,659	16.1	57.5	172
Pioneer	P1903		70	83	30	23,343	15.4	56.7	171
Dyna-Gro	D58SS65	Genuity SmartStax	69	76	29	23,343	15.8	58.9	169
Dyna-Gro	D54VC14	Genuity VT Double PRO	68	77	27	23,396	15.4	59.2	169
Integra	6588	Genuity VT Double PRO	69	81	28	24,028	18.8	58.8	169
Integra	6410	SmartStax	68	79	26	23,449	15.4	58.8	169
Integra	6533	Genuity VT Double PRO	67	77	29	23,817	16.1	58.7	169
LG Seeds	5701	Genuity VT Double PRO	68	81	29	23,923	15.9	58.4	168
Integra	6695	Genuity Trecepta	67	80	28	22,816	14.9	59.6	167
Pioneer	P1213		69	80	27	22,869	14.4	58.3	167
Progeny	PGY8116	SmartStax	69	77	31	23,976	17.2	59.0	167
Pioneer	P1847	Leptra	70	83	28	24,028	15.7	59.1	167
LG Seeds	67C45	SmartStax	69	82	32	23,501	17.3	58.6	165

*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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Integra	6540	Genuity Trecepta	67	75	29	22,447	13.7	57.7	165
Progeny	PGY2012	Genuity VT Double PRO	68	78	28	24,239	13.9	56.8	163
Progeny	EXP1913	Genuity VT Double PRO	68	78	29	23,027	14.1	57.8	163
Progeny	EXP1915	SmartStax	68	82	30	23,449	15.8	59.4	162
Progeny	EXP2018	SmartStax	70	78	30	23,923	17.8	59.7	160
Progeny	EXP1912	Genuity VT Double PRO	67	82	30	23,185	13.4	57.6	159
Progeny	PGY9114	Genuity VT Double PRO	68	78	27	22,711	14.8	59.0	159
Pioneer	P2042		71	82	27	24,028	15.9	58.7	156
Agventure	AV8216	N/A	70	86	30	23,659	14.5	58.1	156
Integra	6720	Genuity DG VT Double PRO	71	79	30	24,134	15.7	58.9	154
Progeny	PGY2015	Genuity VT Double PRO	68	78	30	23,396	15.0	59.0	153
Progeny	EXP1917	Genuity Trecepta	67	81	28	14,385	16.9	58.7	115

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Agronomic information			Mean	68	80	29	23,227	15.5	58.3	166
Plant Date	2/28/2020		C.V. %	1.2	3.9	8.8	3.4	5.6	0.9	7.0
Harvest Date	7/16/2020		P>f (hybrid)	0.000	0.000	0.384	0.000	0.000	0.000	0.000
Irrigated	No		L.S.D.	1.2	4.4		1,096.0	1.2	0.7	16.2
Row Spacing (in)	40		Trial Notes							
Number of Rows	2		<div style="border: 1px solid gray; height: 100px; width: 100%;"></div>							
Seeds per Acre	24,000									
Precipitation (in)	33.7									
Irrigation (in)										
Herbicide			<div style="border: 1px solid gray; height: 60px; width: 100%;"></div>							
<div style="border: 1px solid gray; height: 100px; width: 100%;"></div>			<p style="margin: 0;">Cooperator Larry & Clint Kalina</p> <p style="margin: 0; font-size: small;">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</p>							
Soil Type	Clemville-Norwood		Fertilizer Applied				Soil Analysis Report**			
Tillage	Conventional		N (lb/ac)		NO3-N (ppm)	147	pH		7.8	
Previous Crop	Corn		P2O5 (lb/ac)		P (ppm)*	13	Conductivity (umho/cm)		613	
			K2O (lb/ac)		K (ppm)*	145	Ca (ppm)*		18,621	
			S (lb/ac)		S (ppm)*	22	Mg (ppm)*		252	
			Zn (lb/ac)				Na (ppm)*		22	

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