

College Station 2021 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)
LG Seeds	5701	Genuity VT Double PRO	76	91	31	29,403	14.6	58.8	210
DEKALB	DKC 69-99	Genuity Trecepta	74	89	34	28,532	14.3	59.5	207
Dyna-Gro	D57VC51	Genuity VT Double PRO	75	90	32	30,056	14.7	58.9	203
Integra	6641	SmartStax	74	88	32	30,056	14.5	58.4	203
Dyna-Gro	D57TC29	Genuity Trecepta	74	92	32	31,145	12.3	57.0	201
Integra	6342	Genuity Trecepta	72	87	32	29,839	12.3	56.7	198
Dyna-Gro	D54VC14	Genuity VT Double PRO	73	86	30	29,839	13.2	58.4	193
Progeny	EXP116	N/A	74	84	31	28,096	14.9	59.7	193
Dyna-Gro	D53TC19	Genuity Trecepta	72	86	33	28,750	12.6	57.1	193
Integra	6540	Genuity Trecepta	73	85	30	28,314	12.4	57.1	192
LG Seeds	66C32	Genuity VT Double PRO	77	86	33	29,403	13.9	59.4	191
Integra	6811	Genuity VT Double PRO	76	85	32	29,621	14.8	59.6	190
Integra	6621	Genuity DG VT Double PRO	73	86	32	29,403	13.0	57.9	188
Dyna-Gro	D58SS65	Genuity SmartStax	75	83	29	30,274	13.9	59.4	187
Integra	CX001117	Genuity Trecepta	75	91	32	30,710	12.3	56.9	186
LG Seeds	64C30	Genuity Trecepta	72	88	33	25,265	13.2	57.7	184
Dyna-Gro	D58VC22	Genuity VT Double PRO	73	90	34	29,621	13.9	59.1	184
Integra	6410	SmartStax	74	85	29	31,145	13.3	58.5	183
Dyna-Gro	D54SS34	Genuity SmartStax	76	86	34	30,274	13.4	58.8	183
Integra	6720	Genuity DG VT Double PRO	77	85	31	30,710	13.7	59.4	182
LG Seeds	66C44	Genuity VT Double PRO	75	86	32	29,403	14.1	58.5	181

*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	6695	Genuity Trecepta	74	86	30	28,314	13.8	59.2	179
Integra	6533	Genuity VT Double PRO	74	87	33	29,185	13.6	58.2	178

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Agronomic information			Mean	74	87	32	29,450	13.6	58.4	191	
Plant Date	3/10/2021		C.V. %	1.3	3.0	5.9	4.6	3.2	0.8	6.3	
Harvest Date	8/5/2021		P>f (hybrid)	0.000	0.000	0.004	0.000	0.000	0.000	0.005	
Irrigated	Yes		L.S.D.	1.4	3.7	2.6	1,915.9	0.6	0.7	17.0	
Row Spacing (in)	30		Trial Notes							Cooperator	Texas A&M AgriLife Research
Number of Rows	2		<p>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.</p> <p>For additional information contact: Dr. Ronnie Schnell / Katrina Horn ronschnell@tamu.edu / khorn@tamu.edu 979-845-2935 / 979-845-8505</p>								
Seeds per Acre	30,000										
Precipitation (in)	29.1										
Irrigation (in)	0										
Herbicide			<p>* Mehlich 3 by ICP, soiltesting.tamu.edu ** Samples collected at planting, some locations may have applied fertilizer</p>								
<p>*Pre-emerge: 14 oz/ac Outlook + 4.5 oz/ac Explorer *5/17: Sprayed 1 qt/ac Roundup + 1.33 pt/ac Dual</p>			Fertilizer Applied		Soil Analysis Report**						
Soil Type	Weswood silty clay		N (lb/ac)	250	NO3-N (ppm)	15	pH	7.7			
Tillage	Conventional, planted on beds. Cultivated 4/31.		P2O5 (lb/ac)	35	P (ppm)*	39	Conductivity (umho/cm)	126			
Previous Crop	Soybeans		K2O (lb/ac)	0	K (ppm)*	194	Ca (ppm)*	6,234			
			S (lb/ac)	20	S (ppm)*	8	Mg (ppm)*	231			
			Zn (lb/ac)	0			Na (ppm)*	41			

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