

Greenville

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)
LG Seeds	64C30	Genuity Trecepta	64	70	27	23,888	9.0	56.8	85
Progeny	PGY2015	Genuity VT Double PRO	68	73	28	21,218	9.6	59.2	83
LG Seeds	67C45	SmartStax	69	76	29	24,309	8.9	56.3	82
Integra	6621	Genuity DG VT Double PRO	65	76	26	23,817	8.7	56.3	81
Integra	6695	Genuity Trecepta	66	72	26	22,553	9.0	57.8	81
Integra	6540	Genuity Trecepta	64	73	27	23,677	8.4	56.3	81
Dyna-Gro	D54VC14	Genuity VT Double PRO	67	73	25	23,396	8.9	57.4	80
Progeny	EXP1913	Genuity VT Double PRO	66	76	28	23,888	7.8	55.2	80
Progeny	PGY9114	Genuity VT Double PRO	64	71	25	23,045	8.7	57.5	78
Dyna-Gro	D58SS65	Genuity SmartStax	68	67	23	22,272	9.2	57.8	77
Dyna-Gro	D53TC19	Genuity Trecepta	65	67	24	22,483	8.1	56.0	76
Integra	6588	Genuity VT Double PRO	69	76	26	23,045	8.6	56.1	74
Progeny	PGY8116	SmartStax	70	76	28	24,239	8.7	57.3	74
Dyna-Gro	D57VC51	Genuity VT Double PRO	68	74	25	23,466	8.0	55.4	74
Progeny	EXP2018	SmartStax	68	77	31	22,764	8.6	56.8	71
Dyna-Gro	D55VC80	Genuity VT Double PRO	69	77	26	22,553	8.6	56.5	70
Progeny	EXP2013	Genuity VT Double PRO	68	71	26	22,272	7.7	55.4	70
Progeny	PGY9117	Genuity VT Double PRO	70	76	24	22,904	8.2	56.4	68
Integra	6720	Genuity DG VT Double PRO	71	75	26	23,747	8.2	56.5	68
Integra	6410	SmartStax	66	70	23	22,904	8.4	56.7	64
Integra	6533	Genuity VT Double PRO	68	70	27	21,429	8.2	55.9	62

*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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Progeny	PGY2012	Genuity VT Double PRO	67	72	24	22,834	7.2	54.5	62
LG Seeds	68C59		72	76	24	23,396	6.6	52.6	61
Agventure	AV8216	N/A	68	82	28	23,466	7.7	54.6	60
Progeny	EXP1912	Genuity VT Double PRO	67	74	25	23,536	7.2	54.5	56
Progeny	EXP1915	SmartStax	68	72	25	23,747	7.6	54.9	54
Pioneer	P1903		72	79	26	24,239	6.2	51.5	54

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Agronomic information			Mean	67	74	26	23,151	8.2	56.0	71
Plant Date	4/15/2020		C.V. %	2.7	5.1	9.9	7.0	9.6	2.3	17.4
Harvest Date	8/24/2020		P>f (hybrid)	0.000	0.000	0.009	0.538	0.000	0.000	0.002
Irrigated	No		L.S.D.	2.5	5.2	3.6		1.1	1.8	17.5
Row Spacing (in)	30		Trial Notes							
Number of Rows	2		*Due to wet field conditions in the spring, test was planted later than the optimum plant date			Cooperator Texas A&M AgriLife				
Seeds per Acre	24,000		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							
Precipitation (in)	31.3									
Irrigation (in)										
Herbicide										
4/17/20: 1 qt/ac Roundup + 1 qt/ac Atrazine + 1 qt/ac Acuron + 1.5 pt/ac Dual II Magnum			* Mehlich 3 by ICP, soiltesting.tamu.edu							
			** Samples collected at planting, some locations may have applied fertilizer							
			Fertilizer Applied			Soil Analysis Report**				
Soil Type	Clay		N (lb/ac)	<input type="text"/>	NO3-N (ppm)	26	pH	<input type="text"/>	7.0	
Tillage	Conventional		P2O5 (lb/ac)	<input type="text"/>	P (ppm)*	17	Conductivity (umho/cm)	<input type="text"/>	322	
Previous Crop	Fallow		K2O (lb/ac)	<input type="text"/>	K (ppm)*	501	Ca (ppm)*	<input type="text"/>	8,306	
			S (lb/ac)	<input type="text"/>	S (ppm)*	7	Mg (ppm)*	<input type="text"/>	345	
			Zn (lb/ac)	<input type="text"/>			Na (ppm)*	<input type="text"/>	86	

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