



TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Thrall

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)
Dyna-Gro	D53TC19	Genuity Trecepta	68	89	33	21,499	8.4	53.6	100
LG Seeds	64C30	Genuity Trecepta	68	91	32	20,867	8.2	53.1	96
Integra	6588	Genuity VT Double PRO	71	89	35	21,429	9.5	56.0	95
Integra	6410	SmartStax	68	86	29	22,272	8.3	54.3	93
Integra	6621	Genuity DG VT Double PRO	70	88	32	21,710	9.0	53.9	90
Progeny	EXP2013	Genuity VT Double PRO	71	84	32	21,850	9.8	56.0	89
Integra	6533	Genuity VT Double PRO	68	90	33	21,007	9.7	55.8	89
Pioneer	P1903		72	94	33	21,288	8.5	52.9	89
Dyna-Gro	D54VC14	Genuity VT Double PRO	69	87	30	21,288	9.0	55.0	89
Integra	6540	Genuity Trecepta	67	89	31	19,813	8.0	52.3	88
Progeny	PGY2012	Genuity VT Double PRO	70	85	30	22,061	7.6	51.8	88
Dyna-Gro	D58SS65	Genuity SmartStax	71	86	30	21,639	9.3	55.2	87
Progeny	PGY9114	Genuity VT Double PRO	68	87	29	21,148	9.1	54.9	86
Progeny	EXP2018	SmartStax	73	89	34	21,288	10.1	56.3	86
Progeny	PGY8116	SmartStax	72	92	34	22,483	8.9	54.5	85
Integra	6695	Genuity Trecepta	68	85	33	21,710	9.9	56.4	84
Progeny	EXP1913	Genuity VT Double PRO	71	84	32	21,218	8.5	53.8	84
Progeny	EXP1915	SmartStax	71	90	31	22,764	9.5	56.1	83
Progeny	EXP1912	Genuity VT Double PRO	69	92	31	21,710	6.6	50.1	83
Dyna-Gro	D55VC80	Genuity VT Double PRO	72	91	34	22,623	9.2	54.6	83
Agventure	AV8216	N/A	72	91	30	21,569	10.1	56.2	82

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



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Progeny	EXP1917	Genuity Trecepta	66	90	33	19,391	9.9	56.4	81
Integra	6720	Genuity DG VT Double PRO	72	90	33	22,553	9.1	53.9	81
Progeny	PGY9117	Genuity VT Double PRO	71	89	31	19,883	9.4	55.5	75
Dyna-Gro	D57VC51	Genuity VT Double PRO	72	90	30	22,412	9.1	54.5	74
LG Seeds	68C59		73	92	31	23,677	7.0	49.7	64

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Agronomic information			Mean	70	89	32	21,583	8.9	54.3	86	
Plant Date	3/12/2020		C.V. %	3.0	2.9	8.0	8.0	9.6	2.3	9.1	
Harvest Date	7/22/2020		P>f (hybrid)	0.000	0.000	0.020	0.258	0.000	0.000	0.000	
Irrigated	No		L.S.D.	2.9	3.7	3.5		1.2	1.7	11.0	
Row Spacing (in)	30		Trial Notes							Cooperator	Stiles Farm Foundation
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	24,000										
Precipitation (in)	16.7										
Irrigation (in)											
Herbicide	<p>1 qt/ac atrazine, 1.33 pt/ac Dual + 1 qt/ac Roundup at planting. 14 oz/ac Outlook + 1 qt /ac Roundup applied post</p>		* Mehlich 3 by ICP, soiltesting.tamu.edu								
Soil Type	Clay		Fertilizer Applied		Soil Analysis Report**						
Tillage	Conventional		N (lb/ac)	200	NO3-N (ppm)	3	pH	5.6			
Previous Crop	Grain sorghum		P2O5 (lb/ac)	35	P (ppm)*	25	Conductivity (umho/cm)	121			
			K2O (lb/ac)	60	K (ppm)*	78	Ca (ppm)*	4,533			
			S (lb/ac)	20	S (ppm)*	6	Mg (ppm)*	493			
			Zn (lb/ac)	0			Na (ppm)*	39			

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