



TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Sinton 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)
Agventure	AV7516	N/A	N/A	79	30	25,860	17.7	60.2	173
Dyna-Gro	D57VC51	Genuity VT Double PRO	N/A	80	32	26,005	17.1	58.5	173
Pioneer	P1903		N/A	82	29	25,925	17.5	57.6	172
Dyna-Gro	D53TC19	Genuity Trecepta	N/A	74	30	25,007	14.8	57.7	171
Integra	6540	Genuity Trecepta	N/A	74	31	25,724	14.3	57.3	168
Mission	A1798	Genuity VT Double PRO	N/A	80	33	25,509	16.6	57.2	167
Integra	6533	Genuity VT Double PRO	N/A	78	31	25,659	15.3	56.9	167
Integra	6410	SmartStax	N/A	73	27	26,136	15.1	58.3	166
Progeny	PGY2025	Genuity DG VT Double PRO	N/A	76	30	25,790	15.2	57.0	166
Integra	6621	Genuity DG VT Double PRO	N/A	78	29	25,644	15.3	57.4	165
Integra	6588	Genuity VT Double PRO	N/A	78	32	26,235	16.7	59.5	164
Progeny	PGY8116	SmartStax	N/A	77	31	26,446	16.6	59.9	164
Dyna-Gro	D54VC14	Genuity VT Double PRO	N/A	75	30	25,387	14.4	57.5	164
LG Seeds	67C45	SmartStax	N/A	78	31	24,661	16.9	58.9	163
LG Seeds	64C30	Genuity Trecepta	N/A	77	31	25,433	15.5	58.8	162
LG Seeds	68C59		N/A	85	32	25,734	16.7	56.6	161
Progeny	PGY9114	Genuity VT Double PRO	N/A	78	27	25,579	14.9	58.9	159
Integra	6720	Genuity DG VT Double PRO	N/A	76	31	26,320	16.4	59.5	159
Dyna-Gro	D55VC80	Genuity VT Double PRO	N/A	78	30	24,234	15.5	58.0	158
Mission	A1657	Genuity DG VT Double PRO	N/A	73	28	25,293	16.2	57.8	157
Integra	6695	Genuity Trecepta	N/A	73	29	25,644	15.7	59.1	157

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



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Mission	A1257	Genuity VT Double PRO	N/A	75	28	26,587	14.3	57.4	156
Dyna-Gro	D58SS65	Genuity SmartStax	N/A	72	28	25,504	16.2	59.6	155
LG Seeds	66C32	Genuity VT Double PRO	N/A	74	29	25,574	15.4	58.3	154
Progeny	PGY9117	Genuity VT Double PRO	N/A	77	29	25,574	17.1	59.0	154

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Agronomic information			Mean	77	30	25,659	15.9	58.3	163
Plant Date	2/24/2020		C.V. %	3.3	6.2	3.2	3.2	0.9	5.1
Harvest Date	7/14/2020		P>f (hybrid)	0.000	0.000	0.072	0.000	0.000	0.017
Irrigated	Yes		L.S.D.	3.6	2.6		0.7	0.7	11.8
Row Spacing (in)	30	Trial Notes							
Number of Rows	2	<p>Cooperator Ring Brothers Farm</p> <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. For additional information contact: Dr. Ronnie Schnell / Katrina Horn ronschnell@tamu.edu / khorn@tamu.edu</p>							
Seeds per Acre	26,000								
Precipitation (in)	14.56								
Irrigation (in)									
Herbicide		<p>* Mehlich 3 by ICP, soiltesting.tamu.edu ** Samples collected at planting, some locations may have applied fertilizer</p>							
Soil Type	Clay	Fertilizer Applied		Soil Analysis Report**					
Tillage	Conventional	N (lb/ac)		NO3-N (ppm)	53	pH		7.8	
Previous Crop	Cotton	P2O5 (lb/ac)		P (ppm)*	17	Conductivity (umho/cm)		385	
		K2O (lb/ac)		K (ppm)*	320	Ca (ppm)*		5,223	
		S (lb/ac)		S (ppm)*	14	Mg (ppm)*		590	
		Zn (lb/ac)				Na (ppm)*		188	

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