



TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Sinton 2022 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	D57TC29	Genuity Trecepta	70	71	23	N/A	10.6	56.8	108
Dyna-Gro	D53TC19	Genuity Trecepta	69	65	24	N/A	11.2	57.9	106
Integra	6695TRE	Genuity Trecepta	68	64	22	N/A	10.6	57.8	101
Integra	6493VT	Genuity VT Double PRO	70	68	21	N/A	10.5	56.5	101
Dyna-Gro	D57VC51	Genuity VT Double PRO	69	65	24	N/A	9.9	55.5	98
LG Seeds	5701VT2PRO	Genuity VT Double PRO	69	65	23	N/A	11.2	57.1	98
LG Seeds	64C30TRC	Genuity Trecepta	69	63	22	N/A	10.2	56.6	97
Integra	CX001117TRE	Genuity Trecepta	70	68	23	N/A	10.1	55.9	95
DEKALB	DKC 69-99TRE	Genuity Trecepta	70	64	26	N/A	11.1	58.0	95
Integra	6342TRE	Genuity Trecepta	69	67	22	N/A	10.6	56.3	94
Integra	6641SS	SmartStax	68	65	22	N/A	11.1	56.3	91
LG Seeds	68C88VT2PRO	Genuity VT Double PRO	71	67	23	N/A	11.3	57.6	88
Integra	6410SS	SmartStax	69	64	22	N/A	10.6	56.9	87
Integra	6533VT	Genuity VT Double PRO	70	63	22	N/A	10.5	56.1	82
Integra	6720SS	Genuity SmartStax	71	62	25	N/A	10.0	56.4	82
Dyna-Gro	D54VC14	Genuity VT Double PRO	69	63	22	N/A	9.6	55.4	79
Dyna-Gro	D58SS65	Genuity SmartStax	70	58	19	N/A	12.3	58.9	75
Integra	6811VT	Genuity VT Double PRO	70	64	21	N/A	11.5	58.2	74
Dyna-Gro	D57VC53	Genuity VT Double PRO	71	65	24	N/A	11.1	58.0	70

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



Sinton

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Performance Trial



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Agronomic information			Mean	69	65	23	10.7	57.0	91
Plant Date	3/1/2022		C.V. %	1.3	4.7	9.1	9.1	2.6	16.2
Harvest Date	7/14/2022		P>f (hybrid)	0.000	0.001	0.015	0.135	0.129	0.025
Irrigated	Yes		L.S.D.	1.3	4.3	2.9			22.9
Row Spacing (in)	30		Trial Notes						
Number of Rows	2		Cooperator Ring Brothers Farm						
Target Seeds per Acre	26,000		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.						
Precipitation (in)	6.2		For additional information contact: Dr. Ronnie Schnell / Katrina Horn ronnie.schnell@agnet.tamu.edu / katrina.horn@agnet.tamu.edu 979-845-2935 / 979-845-8505						
Irrigation (in)			* Mehlich 3 by ICP, soiltesting.tamu.edu ** Samples collected at planting, some locations may have applied fertilizer						
Herbicide			Fertilizer Applied		Soil Analysis Report**				
Soil Type	Victoria clay		N (lb/ac)		NO3-N (ppm)	45	pH		7.8
Tillage	Conventional		P2O5 (lb/ac)		P (ppm)*	11	Conductivity (umho/cm)		242
Previous Crop	Cotton		K2O (lb/ac)		K (ppm)*	335	Ca (ppm)*		4,268
			S (lb/ac)		S (ppm)*	10	Mg (ppm)*		503
			Zn (lb/ac)				Na (ppm)*		108

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