



TEXAS A&M UNIVERSITY  
Soil & Crop Sciences

## Sinton 2023 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)
Integra	6624	Genuity Trecepta	N/A	79	25	23,904	12.0	57.9	121
Dyna-Gro	D57TC29	Genuity Trecepta	N/A	80	24	23,522	11.3	57.1	118
Integra	6641SS	SmartStax	N/A	82	30	21,943	13.2	57.9	117
Dyna-Gro	D54VC14	Genuity VT Double PRO	N/A	75	26	22,107	11.5	57.8	117
Innvictis	A1542T	Genuity Trecepta	N/A	83	29	23,522	11.4	57.0	117
Dyna-Gro	D56TC44	Genuity Trecepta	N/A	80	29	22,869	12.0	58.1	116
DEKALB	DKC 68-35VT2	Genuity VT Double PRO	N/A	80	28	21,290	12.0	58.1	115
Integra	CX301119	Genuity VT Double PRO	N/A	88	42	23,087	11.5	57.5	115
Stine	9818-32	Agrisure Duracade Viptera	N/A	88	28	24,666	11.0	56.4	113
Integra	6493	Genuity Trecepta	N/A	76	23	20,854	11.8	57.1	112
Innvictis	A1551VT2P	Genuity VT Double PRO	N/A	80	28	23,958	10.5	56.5	111
Innvictis	A1689T	Genuity Trecepta	N/A	73	29	23,305	11.2	58.1	109
DEKALB	DKC 69-99TRE	Genuity Trecepta	N/A	77	26	22,433	12.5	58.7	109
Dyna-Gro	D57VC51	Genuity VT Double PRO	N/A	77	26	22,325	12.0	58.2	109
Dyna-Gro	D58VC65	Genuity VT Double PRO	N/A	74	19	20,310	12.6	58.5	108
Integra	6533VT	Genuity VT Double PRO	N/A	73	26	21,943	11.9	58.3	106
LG Seeds	64C30TRC	Genuity Trecepta	N/A	81	28	21,726	11.5	57.3	105
Integra	6410	SmartStax	N/A	72	24	22,706	11.3	58.7	103
Innvictis	A1792T	Genuity Trecepta	N/A	83	30	22,542	13.1	59.5	101
Integra	6342	Genuity Trecepta	N/A	81	29	18,513	10.9	56.3	100
Stine	9752-32	Agrisure Duracade Viptera	N/A	81	28	18,241	10.0	54.0	85

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



# Sinton

## 2023 Corn

### Performance Trial



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<b>Agronomic information</b>			Mean	79	28	22,179	11.7	57.6	110
Plant Date	3/2/2023		C.V. %	6.5	17.7	6.9	4.5	1.2	8.4
Harvest Date	7/19/2023		P>f (hybrid)	0.000	0.011	0.000	0.000	0.000	0.026
Irrigated	Yes		L.S.D.	7.2		2,172.8	0.9	1.2	15.1
Row Spacing (in)	40	<b>Trial Notes</b>			Cooperator Ring Brothers Farm				
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 &lt; 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 planting date through the harvest date.</p> <p>For additional information contact: Dr. Ronnie Schnell / Katrina Horn ronnie.schnell@ag.tamu.edu / katrina.horn@ag.tamu.edu 979-845-2935 / 979-845-8505</p>				
Target Seeds per Acre	26,000								
Precipitation (in)	13.01								
Irrigation (in)									
Herbicide		* Mehlich 3 by ICP, soiltesting.tamu.edu							
		** Samples collected at planting, some locations may have applied fertilizer							
Soil Type	Victoria clay	<b>Fertilizer Applied</b>		<b>Soil Analysis Report**</b>					
Tillage		N (lb/ac)		NO3-N (ppm)	23	pH		7.7	
Previous Crop		P2O5 (lb/ac)		P (ppm)*	10	Conductivity (umho/cm)		194	
		K2O (lb/ac)		K (ppm)*	360	Ca (ppm)*		5,114	
		S (lb/ac)		S (ppm)*	44	Mg (ppm)*		674	
		Zn (lb/ac)				Na (ppm)*		191	

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

# Corn Sinton Multi-Year Summary



Company	Brand	Hybrid	2 YR AVG Yield bu/Acre	3 YR AVG Yield bu/Acre
Nutrien Ag	Dyna-Gro	D57TC29	113	118
Wilbur-Ellis Company	Integra	6641SS	104	115
Nutrien Ag	Dyna-Gro	D57VC51	103	116
Bayer	DEKALB	DKC 69-99TRE	102	108
LG Seeds	LG Seeds	64C30TRC	101	105
Nutrien Ag	Dyna-Gro	D54VC14	98	111
Wilbur-Ellis Company	Integra	6342	97	106
Wilbur-Ellis Company	Integra	6410	95	99
Wilbur-Ellis Company	Integra	6533VT	94	100

Evaluation of yield across years and/or locations will provide the best indication of consistent hybrid performance. Only hybrids with two years data at each location are displayed.