

Sinton

2021 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	D57VC51	Genuity VT Double PRO	65	70	22	24,394	15.3	57.2	142
Integra	6641	SmartStax	64	67	20	25,047	15.9	58.1	137
Dyna-Gro	D54VC14	Genuity VT Double PRO	62	65	19	26,136	15.7	57.8	136
Integra	6540	Genuity Trecepta	61	66	23	23,522	13.8	57.4	128
Progeny	PGY9117	Genuity VT Double PRO	64	70	22	25,918	14.9	57.5	127
Dyna-Gro	D57TC29	Genuity Trecepta	63	73	21	26,572	13.1	55.8	126
Integra	6621	Genuity DG VT Double PRO	63	69	23	25,265	13.7	57.2	126
LG Seeds	68C88	Genuity VT Double PRO	65	68	22	25,265	15.1	58.7	124
Progeny	EXP116	N/A	64	67	20	21,562	15.2	57.9	124
Progeny	PGY2015	Genuity VT Double PRO	64	68	23	22,433	14.7	58.0	123
LG Seeds	66C44	Genuity VT Double PRO	65	68	25	24,829	14.4	58.4	123
Integra	6342	Genuity Trecepta	65	66	22	27,661	14.3	56.0	123
Dyna-Gro	D54SS34	Genuity SmartStax	65	67	22	25,918	14.1	57.9	122
Progeny	PGY2118	Genuity VT Double PRO	67	64	22	26,136	15.8	59.6	121
DEKALB	DKC 69-99	Genuity Trecepta	64	67	23	23,305	15.0	58.8	121
Dyna-Gro	D53TC19	Genuity Trecepta	63	64	21	25,047	14.4	56.4	119
Progeny	PGY8116VT2P	Genuity DG VT Double PRO	65	62	24	25,918	15.3	58.4	119
Dyna-Gro	D58SS65	Genuity SmartStax	65	66	21	26,354	14.7	58.7	118
Integra	6811	Genuity VT Double PRO	64	66	21	24,611	15.5	59.4	118
Dyna-Gro	D58VC22	Genuity VT Double PRO	64	70	22	22,869	15.3	57.8	116
Integra	CX001117	Genuity Trecepta	65	71	21	27,661	13.6	55.5	116

*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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Integra	6695	Genuity Trecepta	63	64	23	24,829	16.4	57.9	114
LG Seeds	64C30	Genuity Trecepta	62	68	22	22,869	14.5	57.7	112
Integra	6533	Genuity VT Double PRO	64	63	20	24,176	15.6	57.6	111
Integra	6720	Genuity DG VT Double PRO	67	67	22	25,047	14.7	58.8	110
Progeny	PGY8116SSX	SmartStax	67	67	24	23,958	16.1	57.3	105
Integra	6410	SmartStax	63	64	18	26,354	15.0	58.5	105

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Agronomic information			Mean	64	67	22	24,950	14.9	57.8	121	
Plant Date	3/4/2021		C.V. %	2.0	4.0	10.4	7.5	4.9	2.3	9.1	
Harvest Date	7/28/2021		P>f (hybrid)	0.000	0.000	0.013	0.001	0.000	0.002	0.001	
Irrigated	Yes		L.S.D.	1.8	3.8	3.2	2,651.7	1.0	1.8	15.5	
Row Spacing (in)	30		Trial Notes							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 < 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	26,000										
Precipitation (in)	31.1										
Irrigation (in)											
Herbicide			* Mehlich 3 by ICP, soiltesting.tamu.edu								
			** Samples collected at planting, some locations may have applied fertilizer								
Soil Type	Victoria clay		Fertilizer Applied		Soil Analysis Report**						
Tillage	Conventional		N (lb/ac)		NO3-N (ppm)	40	pH		7.5		
Previous Crop	Cotton		P2O5 (lb/ac)		P (ppm)*	13	Conductivity (umho/cm)		407		
			K2O (lb/ac)		K (ppm)*	375	Ca (ppm)*		5,334		
			S (lb/ac)		S (ppm)*	8	Mg (ppm)*		692		
			Zn (lb/ac)				Na (ppm)*		141		

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