

Sunray

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	D55VC80	Genuity VT Double PRO	76	120	54	32,234	16.2	56.6	327
DEKALB	DKC 69-99	Genuity Trecepta	76	120	55	31,799	18.6	58.4	325
Integra	CX001117	Genuity Trecepta	75	121	51	33,106	19.4	56.1	325
Progeny	PGY8116VT2P	Genuity VT Double PRO	76	119	53	33,106	19.3	58.5	313
Dyna-Gro	D57TC29	Genuity Trecepta	75	120	49	32,670	19.2	56.3	311
Progeny	PGY9117	Genuity VT Double PRO	75	118	50	30,928	17.8	58.1	310
LG Seeds	68C59	N/A	78	123	48	33,759	18.7	54.9	309
Progeny	EXP116	N/A	77	113	49	30,928	20.6	58.2	307
Integra	6641	SmartStax	76	114	52	31,581	18.7	56.7	303
Integra	6811	Genuity VT Double PRO	77	119	53	32,888	19.1	58.7	303
LG Seeds	66C32	Genuity VT Double PRO	78	120	52	30,928	18.9	58.4	302
LG Seeds	5643	Genuity VT Double PRO RIB	74	117	51	33,541	16.3	57.5	301
Dyna-Gro	D58VC65	Genuity VT Double PRO	75	114	49	31,799	16.9	58.9	301
Progeny	PGY2118	Genuity VT Double PRO	76	122	54	32,234	19.9	58.6	301
Integra	6555	Genuity VT Double PRO	74	115	51	32,888	15.6	55.7	296
Integra	6695	Genuity Trecepta	74	118	52	30,274	17.6	58.7	295
LG Seeds	66C44	Genuity VT Double PRO	77	121	56	32,234	15.8	58.0	295
Progeny	PGY8116SSX	SmartStax	78	119	54	31,145	18.1	59.1	292
Dyna-Gro	D54SS34	Genuity SmartStax	77	119	51	29,621	17.7	59.2	291
Integra	6410	SmartStax	75	111	45	32,888	16.9	59.3	289
Integra	6720	Genuity SmartStax	78	119	53	31,654	18.5	58.5	288

*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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LG Seeds	64C30	Genuity Trecepta	74	120	49	30,056	16.6	58.6	287
Integra	6621	Genuity SmartStax	75	119	51	32,452	17.7	57.6	284
LG Seeds	62C52	Genuity Trecepta	74	114	48	32,888	15.9	58.1	284
Progeny	PGY2015	Genuity VT Double PRO	75	113	50	26,789	15.7	59.6	247

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Agronomic information			Mean	76	118	51	17.8	57.9	299
Plant Date	4/27/2021		C.V. %	0.9	2.1	4.2	3.8	1.1	4.3
Harvest Date	9/28/2021		P>f (hybrid)	0.000	0.000	0.000	0.000	0.000	0.000
Irrigated	Yes		L.S.D.	1.0	3.4	3.0	1.0	0.9	18.3
Row Spacing (in)	30		Trial Notes						
Number of Rows	2		<div style="border: 1px solid black; padding: 5px; min-height: 100px;"> <p>Cooperator Tommy Carrite</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.</p> <p>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</p> </div>						
Target Seeds per Acre	32,000								
Precipitation (in)	15.5								
Irrigation (in)									
Herbicide									
Soil Type	Sherm clay loam		Fertilizer Applied			Soil Analysis Report**			
Tillage	Conventional		N (lb/ac)		NO3-N (ppm)	73	pH	7.5	
Previous Crop	Cotton		P2O5 (lb/ac)		P (ppm)*	136	Conductivity (umho/cm)	478	
			K2O (lb/ac)		K (ppm)*	804	Ca (ppm)*	3,430	
			S (lb/ac)		S (ppm)*	20	Mg (ppm)*	1,039	
			Zn (lb/ac)				Na (ppm)*	72	

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