

Sunray

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)
Dyna-Gro	D55VC80	Genuity VT Double PRO	67	106	44	32,951	19.1	58.0	301
LG Seeds	68C59	N/A	69	105	43	34,040	21.4	56.7	300
Progeny	PGY2012	Genuity VT Double PRO	67	99	40	32,223	17.6	58.3	297
LG Seeds	66C44	Genuity VT Double PRO	67	100	46	32,121	18.2	57.7	292
Integra	6720	Genuity DG VT Double PRO	68	105	47	33,724	21.0	59.6	287
Pioneer	P1903	N/A	69	105	45	31,130	21.2	57.2	287
Dyna-Gro	D57VC17	Genuity VT Double PRO	67	102	44	33,021	19.4	59.4	286
Dyna-Gro	D58VC65	Genuity VT Double PRO	66	102	43	31,685	19.0	59.1	286
Agventure	AV7516	N/A	67	103	43	33,302	21.4	59.8	283
Progeny	EXP1915	SmartStax	66	99	44	33,021	19.8	60.4	282
Integra	6410	SmartStax	65	98	39	32,447	18.1	59.6	282
Mission	A1798	Genuity VT Double PRO	65	103	43	31,897	22.2	56.4	280
Progeny	EXP1913	Genuity VT Double PRO	65	103	46	32,275	17.9	58.8	278
Mission	A1257	Genuity VT Double PRO	66	99	41	32,319	17.5	57.9	277
Integra	6588	Genuity VT Double PRO	67	106	46	33,724	21.0	59.3	277
Dyna-Gro	D58QC72	Agrisure Viptera 3110	67	115	46	31,195	23.4	57.6	275
Integra	6695	Genuity Trecepta	65	99	44	31,476	18.8	59.6	274
Progeny	PGY8116	SmartStax	69	100	46	33,654	20.2	59.9	273
LG Seeds	5643	Genuity VT Double PRO RIB	66	98	41	31,808	19.3	57.7	271
Mission	A1477	Genuity DG VT Double PRO	67	102	45	31,476	17.2	58.0	271
Progeny	EXP2015	SmartStax	67	103	43	31,157	17.4	59.6	270

*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	66C32	Genuity VT Double PRO	66	100	41	32,529	17.6	60.0	270
Progeny	PGY9117	Genuity VT Double PRO	67	101	41	31,805	21.2	58.7	270
Integra	6533	Genuity VT Double PRO	65	103	46	29,273	18.9	59.8	269
Dyna-Gro	D53TC19	Genuity Trecepta	65	96	42	30,994	15.8	59.4	268
Mission	A1657	Genuity DG VT Double PRO	66	99	42	31,457	19.4	59.1	268
Integra	6621	Genuity DG VT Double PRO	66	99	42	31,786	17.4	59.1	268
Progeny	EXP2013	Genuity VT Double PRO	67	98	44	32,381	19.2	59.8	263
LG Seeds	67C45	SmartStax	67	102	45	31,792	18.2	59.8	263
Progeny	PGY9114	Genuity VT Double PRO	65	98	38	31,466	17.8	59.6	262
LG Seeds	64C30	Genuity Trecepta	65	101	46	30,966	17.5	59.8	261
Progeny	EXP1912	Genuity VT Double PRO	65	101	42	31,827	14.8	58.8	260
Progeny	PGY2025	Genuity DG VT Double PRO	66	103	43	31,705	18.1	58.3	260
Dyna-Gro	D54SS74	SmartStax	66	98	40	31,662	17.9	58.9	256
Progeny	EXP1917	Genuity Trecepta	66	104	44	27,611	18.2	59.8	232
Progeny	PGY2015	Genuity VT Double PRO	65	103	47	27,202	15.9	61.3	230

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Agronomic information			Mean	66	101	43	18.8	59.0	273
Plant Date	5/5/2020		C.V. %	1.1	3.5	6.1	4.4	1.0	4.0
Harvest Date	9/30/2020		P>f (hybrid)	0.000	0.000	0.000	0.000	0.000	0.000
Irrigated	Yes		L.S.D.	1.0	4.9	3.7	1.2	0.8	15.2
Row Spacing (in)	30		Trial Notes						
Number of Rows	2		<div style="border: 1px solid gray; height: 100px; width: 100%;"></div> <div style="border: 1px solid gray; height: 60px; width: 100%;"></div> <p style="font-size: small; margin-top: 5px;">* Mehlich 3 by ICP, soiltesting.tamu.edu ** Samples collected at planting, some locations may have applied fertilizer</p>						
Seeds per Acre	32,000								
Precipitation (in)	16.6								
Irrigation (in)									
Herbicide									
			Cooperator				Tommy Cartrite		
			<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>						
Soil Type	Clay loam		Fertilizer Applied			Soil Analysis Report**			
Tillage	Minimal		N (lb/ac)		NO3-N (ppm)	66	pH	7.0	
Previous Crop	Corn		P2O5 (lb/ac)		P (ppm)*	112	Conductivity (umho/cm)	312	
			K2O (lb/ac)		K (ppm)*	559	Ca (ppm)*	1,652	
			S (lb/ac)		S (ppm)*	18	Mg (ppm)*	441	
			Zn (lb/ac)				Na (ppm)*	26	

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