

Hondo

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	D57VC51	Genuity VT Double PRO	69	98	40	30,328	15.1	59.6	236
LG Seeds	64C30	Genuity Trecepta	65	96	40	30,094	13.8	60.1	234
LG Seeds	5701	Genuity VT Double PRO	69	97	38	29,508	14.4	60.1	233
Integra	6540	Genuity Trecepta	64	93	39	29,567	12.2	58.5	232
Pioneer	P1847	Leptra	70	99	40	30,294	14.0	60.4	232
Dyna-Gro	D53TC19	Genuity Trecepta	64	93	40	29,516	12.6	58.8	232
Integra	6695	Genuity Trecepta	65	92	38	30,782	13.9	61.0	232
Dyna-Gro	D54VC14	Genuity VT Double PRO	66	91	37	29,731	13.4	59.3	232
Progeny	PGY9117	Genuity VT Double PRO	68	96	40	29,567	14.3	60.0	230
Integra	6621	Genuity DG VT Double PRO	67	95	39	29,801	13.8	58.9	230
Pioneer	P1903		69	98	40	30,130	13.7	58.8	229
Integra	6720	Genuity DG VT Double PRO	70	94	42	30,364	14.7	59.6	229
LG Seeds	66C32	Genuity VT Double PRO	67	89	37	29,438	13.5	59.8	228
Progeny	PGY2025	Genuity DG VT Double PRO	66	95	39	30,423	13.5	58.8	228
Integra	6410	SmartStax	66	93	39	29,888	13.1	59.7	225
Pioneer	P1464	Leptra	71	95	38	30,916	13.4	60.3	225
Pioneer	P2042		70	97	39	30,445	14.7	60.7	224
Progeny	EXP1915	SmartStax	67	94	40	30,504	15.1	59.4	223
Mission	A1798	Genuity VT Double PRO	67	95	40	29,420	14.6	58.7	223
Agventure	AV7516	N/A	69	98	40	29,759	15.2	61.1	223
Dyna-Gro	D55VC80	Genuity VT Double PRO	69	95	41	29,638	13.8	57.9	221

*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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Mission	A1477	Genuity DG VT Double PRO	67	96	42	29,801	13.3	57.5	221
LG Seeds	67C45	SmartStax	69	95	42	29,759	15.8	59.5	219
Integra	6533	Genuity VT Double PRO	67	95	41	29,567	15.4	59.0	218
Mission	A1657	Genuity DG VT Double PRO	67	96	41	29,625	14.8	59.3	217
Pioneer	P1213		66	94	37	29,829	12.4	59.8	217
Progeny	PGY8116	SmartStax	70	94	41	30,433	15.7	59.9	217
Dyna-Gro	D58SS65	Genuity SmartStax	69	91	36	29,821	14.7	60.5	216
LG Seeds	68C59		71	99	40	29,349	13.2	58.4	215
Progeny	PGY2015	Genuity VT Double PRO	68	94	39	28,271	13.0	59.5	215
Progeny	EXP1913	Genuity VT Double PRO	67	89	38	27,889	13.9	58.6	215
Mission	A1257	Genuity VT Double PRO	67	93	40	29,566	13.0	57.3	212
Integra	6588	Genuity VT Double PRO	69	96	38	29,391	17.1	58.8	210
Progeny	PGY9114	Genuity VT Double PRO	65	93	36	29,665	12.9	59.5	210
Progeny	PGY2012	Genuity VT Double PRO	67	90	38	29,391	13.4	57.7	210
Progeny	EXP2015	SmartStax	68	95	39	28,513	11.8	58.1	206
Progeny	EXP1912	Genuity VT Double PRO	67	95	39	30,358	12.5	59.4	199
Progeny	EXP2018	SmartStax	71	95	42	30,035	17.3	59.8	199
Progeny	EXP1917	Genuity Trecepta	68	92	39	28,162	13.4	59.3	174

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Agronomic information			Mean	68	94	39	29,732	14.0	59.3	220	
Plant Date	3/6/2020		C.V. %	0.8	2.2	4.0	3.4	5.4	1.1	3.6	
Harvest Date	7/28/2020		P>f (hybrid)	0.000	0.000	0.000	0.018	0.000	0.000	0.000	
Irrigated	Yes		L.S.D.	0.8	2.9	2.2	1,436.6	1.1	0.9	11.1	
Row Spacing (in)	36		Trial Notes							Cooperator	Nelson Reus
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	30,000										
Precipitation (in)	16.9										
Irrigation (in)	11										
Herbicide			* Mehlich 3 by ICP, soiltesting.tamu.edu								
			** Samples collected at planting, some locations may have applied fertilizer								
Soil Type	Clay		Fertilizer Applied		Soil Analysis Report**						
Tillage	Strip-till		N (lb/ac)	200	NO3-N (ppm)	15	pH	7.7			
Previous Crop	Wheat/sesame		P2O5 (lb/ac)	65	P (ppm)*	21	Conductivity (umho/cm)	191			
			K2O (lb/ac)	3	K (ppm)*	406	Ca (ppm)*	17,908			
			S (lb/ac)		S (ppm)*	14	Mg (ppm)*	252			
			Zn (lb/ac)				Na (ppm)*	23			

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