



TEXAS A&M UNIVERSITY  
Soil & Crop Sciences

# Hondo

## 2022 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	D58SS65	Genuity SmartStax	66	77	28	30,679	13.6	60.4	173
Integra	6641SS	SmartStax	65	80	32	30,094	14.2	58.9	171
Dyna-Gro	D57VC51	Genuity VT Double PRO	66	83	34	29,690	13.3	59.7	171
Integra	6493VT	Genuity VT Double PRO	66	83	34	28,045	12.6	59.4	169
LG Seeds	5701VT2PRO	Genuity VT Double PRO	67	83	33	30,410	13.1	59.6	169
Pioneer	P1847	Leptra	67	87	34	30,094	12.6	60.4	169
Dyna-Gro	D54VC14	Genuity VT Double PRO	65	82	30	29,450	12.2	59.3	168
Integra	CX001117TRE	Genuity Trecepta	66	88	32	30,972	12.1	58.7	168
LG Seeds	65C14TRC	Genuity Trecepta	65	82	31	29,373	12.9	58.0	168
Dyna-Gro	D57TC29	Genuity Trecepta	66	85	32	30,487	11.7	58.3	165
Pioneer	P1759	N/A	68	84	36	29,700	11.9	60.0	164
LG Seeds	67C91VT2PRO	Genuity VT Double PRO	67	80	35	30,914	15.2	60.6	162
Integra	6695TRE	Genuity Trecepta	64	81	36	28,581	12.6	60.3	161
Integra	6342TRE	Genuity Trecepta	65	84	33	28,279	13.3	57.3	160
Progeny	PGY2118VT2P	Genuity VT Double PRO	66	80	34	29,625	16.7	60.1	158
LG Seeds	64C30TRC	Genuity Trecepta	65	87	38	27,898	12.7	59.1	157
Integra	6720SS	Genuity SmartStax	68	86	38	30,211	15.3	60.3	156
DEKALB	DKC 69-99TRE	Genuity Trecepta	67	83	35	30,350	14.2	60.0	156
Progeny	PGY2215TRE	Genuity Trecepta	67	83	32	30,383	12.8	59.4	156
LG Seeds	67C07VT2PRO	Genuity DG VT Double PRO	66	83	34	29,274	13.1	59.4	154
Integra	6533VT	Genuity VT Double PRO	65	80	33	29,567	14.1	58.6	153

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



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Dyna-Gro	D57VC53	Genuity VT Double PRO	67	81	37	30,207	16.4	60.4	153
Integra	6410SS	SmartStax	65	79	30	27,363	12.2	59.2	153
Progeny	PGY9117VT2P	Genuity VT Double PRO	65	84	34	27,518	13.1	60.2	153
Progeny	PGY8116SS	SmartStax	67	84	37	26,754	15.0	60.8	150
Dyna-Gro	D53TC19	Genuity Trecepta	64	80	33	28,630	11.5	57.9	150
Integra	6811VT	Genuity VT Double PRO	67	80	35	29,099	15.7	60.2	149
Pioneer	P1718	N/A	68	89	33	28,689	11.8	58.2	136

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<b>Agronomic information</b>			Mean	66	83	34	29,369	13.4	59.4	160	
Plant Date	3/14/2022		C.V. %	1.2	3.0	7.2	3.3	5.1	0.7	6.1	
Harvest Date	7/25/2022		P>f (hybrid)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
Irrigated	Yes		L.S.D.	1.1	3.5	3.4	1,363.0	1.0	0.6	13.6	
Row Spacing (in)	36		<b>Trial Notes</b>							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 &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 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>								
Target Seeds per Acre	30,000										
Precipitation (in)	4.5										
Irrigation (in)											
Herbicide			<p>* Mehlich 3 by ICP, soiltesting.tamu.edu ** Samples collected at planting, some locations may have applied fertilizer</p>								
Soil Type	Knippa clay		<b>Fertilizer Applied</b>		<b>Soil Analysis Report**</b>						
Tillage	Strip-till		N (lb/ac)		NO3-N (ppm)	18	pH		7.7		
Previous Crop	Cotton		P2O5 (lb/ac)		P (ppm)*	16	Conductivity (umho/cm)		205		
			K2O (lb/ac)		K (ppm)*	547	Ca (ppm)*		11,123		
			S (lb/ac)		S (ppm)*	15	Mg (ppm)*		212		
			Zn (lb/ac)				Na (ppm)*		13		

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