



Department of Soil and Crop Sciences

# Hondo 2019 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)
REV	26BHR30	Optimum Intrasect	74	97	43	29,056	12.9	61.8	222
Pioneer	P1847	Leptra	74	98	45	29,979	12.0	60.6	220
Dyna-Gro	D57VC51	Genuity VT Double PRO	74	97	45	30,600	12.8	61.1	220
Integra	CX801115	Genuity DG VT Double PRO	71	95	43	30,104	11.1	58.8	220
Dyna-Gro	D56VC46	Genuity VT Double PRO	73	93	43	30,639	14.9	60.0	219
Progeny	PGY9114	Genuity VT Double PRO	71	92	41	29,374	11.8	60.9	219
REV	25LPR89	Leptra	73	100	46	30,472	11.0	60.0	214
Progeny	PGY6119	Genuity VT Double PRO	73	93	45	29,165	13.6	61.5	214
Dyna-Gro	D54VC14	Genuity VT Double PRO	72	92	42	30,041	11.6	60.4	213
Integra	6720	Genuity DG VT Double PRO	74	94	49	29,666	14.2	60.5	211
LG Seeds	67C45	SmartStax	75	93	45	30,167	14.6	60.9	211
Progeny	EXP1918	Genuity VT Double PRO	71	94	42	29,290	12.1	59.5	210
LG Seeds	64C30	Genuity Trecepta	72	94	45	29,629	11.8	60.1	210
Dyna-Gro	D57VC17	Genuity VT Double PRO	75	92	45	30,532	13.6	60.9	209
Integra	6695	Genuity Trecepta	71	92	43	30,855	11.7	60.9	209
Pioneer	P1366	Optimum Intrasect	71	93	42	29,290	10.4	59.4	208
LG Seeds	66C32	Genuity VT Double PRO	74	89	39	29,603	11.8	60.2	207
Integra	6533	Genuity VT Double PRO	73	93	43	29,123	13.1	60.9	206
Progeny	PGY8116	SmartStax	75	93	47	29,916	14.0	61.0	206
Pioneer	P1464	Leptra	75	96	48	30,229	12.0	60.9	206
REV	24LPR70	Leptra	73	90	43	29,353	11.1	60.6	205

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



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Pioneer	P2089	Optimum Intrasect	75	103	46	29,040	11.3	59.3	205
B-H Genetics	8721	N/A	73	98	42	29,754	12.8	61.3	204
Pioneer	P1395R	RR2	73	97	43	29,728	11.6	60.3	204
Progeny	PGY9117	Genuity VT Double PRO	72	98	42	28,664	12.7	61.0	203
Integra	6410	SmartStax	72	90	40	29,791	11.5	60.4	203
LG Seeds	68C88	Genuity VT Double PRO	73	96	44	29,434	14.0	59.2	199
Progeny	EXP1915	SmartStax	73	95	42	30,229	13.3	61.6	199
Progeny	EXP1913	Genuity VT Double PRO	73	95	46	28,664	11.7	59.6	198
Dyna-Gro	D58SS65	Genuity SmartStax	75	91	42	28,854	12.3	60.8	198
Integra	6588	Genuity VT Double PRO	74	97	46	29,512	13.9	59.2	192

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<b>Agronomic information</b>										
Plant Date	3/11/2019		Mean	73	94	44	29,702	12.5	60.4	208
Harvest Date	8/5/2019		C.V. %	0.6	2.6	6.1	4.4	4.5	0.9	4.7
Irrigated	Yes		P>f (hybrid)	0.000	0.000	0.000	0.762	0.000	0.000	0.002
Row Spacing (in)	36		L.S.D.	0.6	3.6	3.9		0.8	0.8	14.3
Number of Rows	2		<b>Trial Notes</b>							
Seeds per Acre	30,000		*5 lb/ac Sulfur applied							
N (lb/ac)	200		*6 oz/ac Approach fungicide applied @ V6							
P2O5 (lb/ac)	60		*Aerial application of Travapro fungicide & 4 oz/ac Oberon miticide applied @ R2							
K2O (lb/ac)	5									
Precipitation (in)	12.57									
Irrigation (in)	11									
Herbicide	32 oz/ac Roundup		Soil Type	Clay						
			Tillage	Disc ripped, then strip-tilled						
			Previous Crop	Cotton						
						Cooperator <input type="text" value="Nelson Reus"/>				
<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. For additional information contact: Dr. Ronnie Schnell / Katrina Horn ronschnell@tamu.edu / khorn@tamu.edu 979-845-2935 / 979-845-8505</p>										

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