

# Port Lavaca 2016 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	25BHR26	Optimum Intrasect	66	92	33	21,604	13.8	59.4	164
REV	23BHR55	Optimum Intrasect	66	91	34	21,692	13.2	57.3	164
Mycogen	2D848	SmartStax	71	88	34	22,662	14.2	59.3	163
REV	28HR20	Herculex 1 (HX1)	71	97	33	22,662	14.3	60.3	159
Dyna-Gro	D57VP51	Genuity VT Triple PRO	66	80	29	20,986	14.1	59.0	158
Dyna-Gro	D56VC46	Genuity VT Double PRO	65	81	33	21,956	14.4	59.2	158
REV	26BHR50	Optimum Intrasect	68	91	28	22,662	14.2	60.0	154
Phoenix	8400	Agrisure Viptera 3111	66	87	24	22,838	13.8	58.7	154
Phoenix	6948	Agrisure 3000GT	67	88	32	22,309	13.4	57.0	152
Golden Acres	G6611	Genuity VT Triple PRO	66	85	30	21,692	13.6	58.1	152
Dyna-Gro	D54VC52	Genuity VT Double PRO	64	85	32	21,075	13.9	59.4	151
Integra	6474	Genuity VT Double PRO	66	87	31	21,604	13.2	57.0	151
Dyna-Gro	D54DC94	Genuity DG VT Double PRO	66	82	28	22,662	13.2	56.7	150
Golden Acres	G7688	Genuity VT Double PRO	65	78	29	22,397	14.1	59.4	150
Mycogen	MY13M87	SmartStax	66	82	30	21,604	13.6	58.6	149
Mycogen	2C797	SmartStax	66	81	31	22,309	13.2	56.7	149
Integra	9678	Genuity VT Triple PRO	65	81	33	20,281	14.0	58.9	148
Phoenix	6522	Agrisure Viptera 3111	67	88	31	21,339	13.7	56.7	144
Integra	6612	Genuity SmartStax RIB Com	65	78	26	20,898	12.6	55.3	143
REV	22BHR43	Optimum Intrasect	66	88	32	22,574	14.0	59.2	142
Phoenix	6542	Agrisure Viptera 3111	66	90	33	22,397	13.0	56.8	142
NK	N78S	Agrisure Viptera 3111	67	86	30	22,662	13.3	56.8	142

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

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NK	N69D	Agrisure 3000GT	67	90	32	20,016	13.8	57.7	141
NK	N68K	Agrisure Artesian 3011A	65	80	26	22,574	12.6	55.0	140
NK	N76A	Agrisure 3000GT	65	86	27	21,692	12.5	54.3	139
Integra	9642	Genuity VT Triple PRO	64	73	20	21,339	13.6	58.4	121

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<b>Agronomic information</b>			Mean	66	85	30	21,865	13.6	57.9	149
Plant Date	2/26/2016		C.V. %	1.0	3.5	9.6	4.9	2.3	0.8	6.4
Harvest Date	8/3/2016		P>f (hybrid)	0.068	0.000	0.000	0.090	0.000	0.000	0.001
Irrigated	No		L.S.D.		4.9	4.7		0.5	0.7	15.8
Row Spacing (in)	38		<b>Trial Notes</b>							
Number of Rows	2		*A very good test despite hog damage in some plots. Those plots were deleted before final analysis							
Seeds per Acre	24,000		*SAS was used for statistical analysis, but only 3 out of the 4 reps were used. The fourth rep was removed due to a low spot with poor drainage as well as some hog damage							
N (lb/ac)	105		Soil Type	Lake Charles clay						
P2O5 (lb/ac)	40		Tillage	Disc 3 times & field cultivated twice. Planted flat						
K2O (lb/ac)	0		Previous Crop	Grain Sorghum						
Precipitation (in)	24.5		Cooperator <input type="text" value="Jim Hayes"/>							
Irrigation (in)			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 Almaco meter units on a JD Max-Emerge II 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: Dennis Pietsch croptest@tamu.edu 979-845-8505							
Herbicide	<input type="text" value="Preplant: 13 oz/A of Outlook + 1.5 lb/A Atrazine + 32 oz/a S Alecto. Post emerge: 32 oz/A of 41 S Alecto +.5 lb/A of Atrazine"/>									

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