

San Patricio County 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)
Mycogen	2C797	SmartStax	70	78	25	23,987	10.0	54.6	153
REV	25BHR26	Optimum Intrasect	70	85	28	21,696	10.8	55.6	146
Golden Acres	G4678DG	Genuity DG VT Double PRO	70	79	26	22,809	9.8	53.1	144
Mycogen	2D848	SmartStax	72	79	30	24,561	11.4	55.4	144
Mycogen	MY13M87	SmartStax	71	76	24	24,635	10.8	55.9	143
REV	22BHR43	Optimum Intrasect	70	85	29	23,867	10.8	55.9	143
REV	28HR20	Herculex 1 (HX1)	72	89	29	24,284	10.7	56.4	142
REV	26BHR50	Optimum Intrasect	72	83	23	24,729	11.5	57.0	140
Golden Acres	G7688	Genuity VT Double PRO	70	76	26	23,872	10.9	56.9	139
REV	23BHR55	Optimum Intrasect	71	85	31	23,660	9.8	54.0	134
Phoenix	6522	Agrisure Viptera 3111	71	82	26	23,874	10.3	54.3	133
Phoenix	6542	Agrisure Viptera 3111	71	79	25	23,455	10.2	53.4	131
Phoenix	8400	Agrisure Viptera 3111	71	85	21	23,707	10.9	55.8	128
Phoenix	6948	Agrisure 3000GT	72	83	30	23,267	10.4	53.6	123
Phoenix	6518	Agrisure GT Artesian	70	79	23	24,021	10.2	54.2	116

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

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Agronomic information			Mean	71	81	26	23,762	10.6	55.1	137
Plant Date	2/19/2016		C.V. %	1.1	2.8	10.4	4.9	6.3	0.7	9.1
Harvest Date	7/20/2016		P>f (hybrid)	0.000	0.000	0.000	0.083	0.008	0.000	0.013
Irrigated	Yes		L.S.D.	1.1	3.2	3.9		1.0	0.6	17.9
Row Spacing (in)	30	Trial Notes								
Number of Rows	2	*AF 36 was applied on April 9 at 10 lb/A for Aflatoxin (A. flavus)								
Seeds per Acre	26,000	*Lodging was not observed in the test plot								
N (lb/ac)	138	Cooperator <input type="text" value="Charles Ring"/>								
P2O5 (lb/ac)	6	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								
K2O (lb/ac)	1									
Precipitation (in)	17.41									
Irrigation (in)	1.5									
Herbicide	20 oz/A PowerMax Roundup + 0.75 lb/A Atrazine	Soil Type	Victoria clay							
		Tillage	Disc, field cultivated 3 times, planted flat							
		Previous Crop	Cotton							

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