

San Patricio County 2018 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)
Agronomic information									
Plant Date	2/28/2018	Mean	68	69	26	25,428	14.8	52.7	50
Harvest Date	7/12/2018	C.V. %	1.5	8.8	8.5	9.9	3.3	1.5	21.4
Irrigated	Yes	P>f (hybrid)	0.000	0.002	0.000	0.111	0.000	0.000	0.001
Row Spacing (in)	30	L.S.D.	1.4	8.7	3.1		0.7	1.2	15.3
Number of Rows	2	Trial Notes							
Seeds per Acre	26,000	Extended drought and high temperatures during critical growth dates contributed to lower than normal yields and a high variance of data across plots. Hybrid yield data will not be published.							
N (lb/ac)	106	Cooperator Ring Brothers							
P2O5 (lb/ac)	15	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: Dr. Ronnie Schnell / Katrina Horn ronschnell@tamu.edu / khorn@tamu.edu 979-845-2935 / 979-845-8505							
K2O (lb/ac)	0	Soil Type Victoria Clay							
Precipitation (in)	12.18	Tillage Field cultivated							
Irrigation (in)		Previous Crop Cotton							
Herbicide	22 oz/ac Powermax applied 4/11								

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