

Hansford 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)
REV	23BHR55	Optimum Intrasect	65	110	53	30,579	10.9	60.1	313
Dyna-Gro	D54DC94	Genuity DG VT Double PRO	66	107	54	29,098	10.2	58.6	306
Mycogen	MY10Z28	SmartStax	66	103	49	32,496	10.5	58.9	303
REV	25BHR26	Optimum Intrasect	65	108	53	32,147	11.7	61.4	300
NuTech	5F015	Optimum AcreMax (AM-R)	66	108	54	31,537	11.4	61.4	298
Golden Acres	5788	Genuity VT Double PRO	66	107	52	33,715	11.0	61.7	296
NuTech	5F713	Optimum AcreMax (AM-R)	66	110	54	30,405	10.6	59.4	295
NuTech	5F418	Optimum AcreMax (AM-R)	66	114	51	32,409	11.4	57.9	294
Phoenix	6542	Agrisure Viptera 3111	66	109	54	30,666	13.0	58.8	291
Mycogen	12G36	SmartStax	66	108	52	31,799	14.9	58.2	288
NuTech	5F510	Optimum AcreMax (AM-R)	65	107	52	30,492	9.9	60.6	284
Dyna-Gro	D58VC37	Genuity VT Double PRO	65	104	47	29,185	12.4	61.1	281
Dyna-Gro	D55VP77	Genuity VT Triple PRO	65	96	44	29,447	11.3	61.8	280
Phoenix	6518	Agrisure GT Artesian	65	113	52	29,882	12.9	59.1	279
NuTech	5F515	Optimum AcreMax (AM-R)	66	109	53	32,322	10.7	59.5	279
Golden Acres	G4678DG	Genuity DG VT Double PRO	66	112	55	30,405	10.4	59.1	277
Phoenix	8400	Agrisure Viptera 3111	66	116	54	31,537	15.5	61.1	277
Integra	6273	N/A	65	104	47	30,144	10.3	60.2	270
Mycogen	MY13M87	SmartStax	64	101	50	30,492	13.7	60.8	265
REV	24BHR93	Optimum Intrasect	67	109	52	29,272	10.9	59.9	264
REV	18BHR84	Optimum Intrasect	64	103	46	30,231	10.2	59.9	263
Golden Acres	2778	Genuity DG VT Double PRO	64	103	47	28,488	10.1	61.3	262

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

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Integra	9678	Genuity VT Triple PRO	65	99	50	29,708	12.6	60.5	262
REV	22BHR43	Optimum Intrasect	65	112	51	31,625	11.3	62.6	261
NuTech	5F709	Optimum AcreMax - AQUA	65	101	45	29,882	10.1	59.7	257
Phoenix	6948	Agrisure 3000GT	66	108	54	29,447	12.6	59.5	256
Dyna-Gro	D54VC52	Genuity VT Double PRO	64	104	51	24,916	12.7	61.0	248
Mycogen	MY13A35	Powercore	65	106	49	28,314	10.9	57.8	227

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Agronomic information			Mean	65	107	51	30,380	11.6	60.1	278
Plant Date	5/11/2016		C.V. %	0.8	2.1	3.5	5.9	3.8	0.9	8.9
Harvest Date	10/11/2016		P>f (hybrid)	0.000	0.000	0.000	0.000	0.000	0.000	0.001
Irrigated	Yes		L.S.D.	0.8	3.2	2.5	2,524.1	0.6	0.8	35.0
Row Spacing (in)	30	Trial Notes								
Number of Rows	2	*No fungicides were applied to test block								
Seeds per Acre	32,000	*Fertilizer was applied as follows: - 120-40-0 when strip tilled - 100-0-0 through pivot - 50-0-0 at tassel stage								
N (lb/ac)	270	*Appreciation is expressed to the following CEA's for assisting in the trial: - Mr. Andrew Sprague, Hansford County - Mr. J.R. Sprague, Lipscomb County - Mr. Scott Strawn, Ochiltree County								
P2O5 (lb/ac)	40	Cooperator <input type="text" value="Travis Patterson"/>								
K2O (lb/ac)	0									
Precipitation (in)	22.46									
Irrigation (in)	24									
Herbicide	Applied pre-plant 1 lb/A of Atrazine + 2 pt/A of Balance Flexx. Applied 4 oz/A of Require Q when corn was 12" tall	Soil Type	Perryton silty clay							
		Tillage	Strip till							
		Previous Crop	Soybeans							
			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							

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