

Wharton 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)
Golden Acres	G6611	Genuity VT Triple PRO	71	90	37	23,623	10.9	55.8	185
Golden Acres	G7688	Genuity VT Double PRO	71	86	35	22,806	11.9	58.1	185
Mycogen	MY15T31	RR	74	101	41	23,309	10.9	54.9	185
REV	25BHR26	Optimum Intrasect	73	97	34	22,618	11.1	56.8	184
REV	28HR20	Herculex 1 (HX1)	76	102	37	23,183	11.3	57.7	183
Dyna-Gro	D56VC46	Genuity VT Double PRO	72	89	36	23,434	12.1	57.2	183
REV	26BHR50	Optimum Intrasect	74	99	35	23,309	12.1	58.5	181
Integra	9678	Genuity VT Triple PRO	71	87	37	22,743	11.2	56.7	181
REV	23BHR55	Optimum Intrasect	73	94	38	22,366	10.2	54.7	181
Golden Acres	5788	Genuity VT Double PRO	72	88	34	23,372	11.6	58.3	180
Dyna-Gro	D57VP51	Genuity VT Triple PRO	72	86	32	23,057	11.5	56.8	180
Integra	6474	Genuity VT Double PRO	72	89	35	22,681	10.3	54.4	178
Dyna-Gro	D54DC94	Genuity DG VT Double PRO	72	91	34	23,057	10.6	54.7	177
Integra	6612	Genuity SmartStax RIB Com	71	87	35	22,806	10.3	54.0	176
Dyna-Gro	D58VC37	Genuity VT Double PRO	71	86	32	22,492	11.9	57.1	171
Mycogen	MY13M87	SmartStax	72	86	32	23,246	11.1	56.2	171
REV	22BHR43	Optimum Intrasect	72	99	34	23,057	11.5	57.1	169
NK	N78S	Agrisure Viptera 3111	73	96	36	23,309	10.5	53.6	167
Dyna-Gro	D54VC52	Genuity VT Double PRO	72	88	36	21,864	11.3	57.0	166
Integra	9642	Genuity VT Triple PRO	71	76	30	22,806	11.7	57.6	162
Phoenix	8400	Agrisure Viptera 3111	72	96	31	24,063	11.2	56.7	161
Phoenix	6542	Agrisure Viptera 3111	73	91	34	22,429	10.4	53.3	159

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

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NK	N68K	Agrisure Artesian 3011A	71	85	35	23,560	9.9	52.5	154
NK	N76A	Agrisure 3000GT	71	91	32	22,429	9.3	51.0	151
Phoenix	6518	Agrisure GT Artesian	71	89	32	22,806	10.5	54.6	150
Phoenix	6948	Agrisure 3000GT	75	91	34	22,178	10.8	54.8	149
Phoenix	6522	Agrisure Viptera 3111	73	90	33	22,492	10.5	53.7	147
NK	N69D	Agrisure 3000GT	74	90	35	21,612	10.7	54.5	143

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Agronomic information			Mean	72	91	34	22,882	11.0	55.7	170
Plant Date	2/29/2016		C.V. %	1.0	2.6	7.2	4.2	2.2	0.8	5.3
Harvest Date	8/4/2016		P>f (hybrid)	0.000	0.000	0.000	0.166	0.000	0.000	0.000
Irrigated	No		L.S.D.	1.0	3.3	3.5		0.3	0.6	12.8
Row Spacing (in)	40	Trial Notes								
Number of Rows	2	*Timely rainfall throughout the growing season resulted in outstanding yields.								
Seeds per Acre	24,000	*Eleven hybrids produced between 180-185 bu/A								
N (lb/ac)	138	*There was no lodging observed in the test block								
P2O5 (lb/ac)	39									
K2O (lb/ac)	0									
Precipitation (in)	38.76									
Irrigation (in)										
Herbicide	Sprayed 1.25 qt/A of Atrazine + 1 qt/A of Roundup		Soil Type	Caney fine sandy loam						
			Tillage	Shred, bredded, hipped, re-bedded, hipped & fertilized. Planted on raised beds.						
			Previous Crop	Corn						
				Cooperator Larry & Clint Kalina						
				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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