

Bardwell

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)
NK	N68K	Agrisure Artesian 3011A	74	94	36	20,551	12.9	53.2	128
Phoenix	6542	Agrisure Viptera 3111	76	98	39	21,222	13.0	55.8	127
NK	N76A	Agrisure 3000GT	73	96	33	21,110	11.5	52.4	126
NK	N78S	Agrisure Viptera 3111	76	85	38	21,445	12.4	55.6	119
Golden Acres	5788	Genuity VT Double PRO	74	90	34	21,333	14.5	58.6	118
Phoenix	6518	Agrisure GT Artesian	74	98	31	20,551	12.5	54.0	109
REV	26BHR50	Optimum Intrasect	77	101	36	20,998	13.4	58.5	108
Golden Acres	G6611	Genuity VT Triple PRO	74	94	34	20,663	11.6	53.5	108
Integra	9678	Genuity VT Triple PRO	73	84	31	20,663	13.8	56.2	107
NuTech	5F515	Optimum AcreMax (AM-R)	78	105	40	22,003	13.8	56.9	106
Dyna-Gro	D54DC94	Genuity DG VT Double PRO	75	95	37	20,551	13.3	54.6	104
Phoenix	6948	Agrisure 3000GT	76	98	40	20,328	13.3	55.4	103
Mycogen	MY13M87	SmartStax	75	90	31	20,775	13.0	55.6	103
American Hybrids	2708	N/A	73	95	31	20,886	12.8	54.2	103
Phoenix	8400	Agrisure Viptera 3111	76	98	34	21,780	14.1	55.6	102
REV	22BHR43	Optimum Intrasect	74	96	32	21,445	13.9	58.1	102
Phoenix	6522	Agrisure Viptera 3111	76	95	37	19,323	13.6	56.0	102
American Hybrids	2696	N/A	74	94	32	21,110	14.3	58.2	100
Integra	6474	Genuity VT Double PRO	75	96	33	21,222	14.2	54.7	99
Dyna-Gro	D57VP51	Genuity VT Triple PRO	75	86	31	21,333	13.3	54.1	99
Golden Acres	G7688	Genuity VT Double PRO	74	86	33	20,663	13.8	55.9	95
REV	23BHR55	Optimum Intrasect	75	99	40	20,216	13.2	54.3	95

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

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Dyna-Gro	D56VC46	Genuity VT Double PRO	75	95	32	20,440	14.1	55.5	94
Dyna-Gro	D54VC52	Genuity VT Double PRO	74	89	33	20,216	13.4	55.8	94
Integra	6612	Genuity SmartStax RIB Com	76	92	34	20,216	12.4	52.9	93
REV	28HR20	Herculex 1 (HX1)	79	103	39	21,445	14.4	58.3	90
NK	N69D	Agrisure 3000GT	76	95	35	19,770	11.8	54.2	87
REV	25BHR26	Optimum Intrasect	76	96	37	21,333	12.5	56.1	84
3MG	15-2256	Conventional	79	101	45	19,434	13.8	59.0	83
American Hybrids	2843	N/A	74	82	28	20,440	14.5	56.6	80
Mycogen	12G36	SmartStax	78	88	38	22,003	13.9	54.6	79
Integra	9642	Genuity VT Triple PRO	73	77	26	20,328	13.6	56.8	77
Texas A&M AgriLife Research	GP7169GT/TX777	RR	78	93	34	20,328	14.0	58.3	76
Texas A&M AgriLife Research	TR8145xTX777	Conventional	79	101	40	18,988	14.9	58.6	76
NuTech	5F709	Optimum AcreMax - AQUA	74	88	25	20,886	13.4	55.4	72
NuTech	5H615	Herculex 1 (HX1)	75	87	28	22,003	12.9	54.6	63

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Agronomic information			Mean	75	93	34	20,778	13.4	55.8	97
Plant Date	3/23/2016		C.V. %	1.3	5.8	10.7	5.2	5.5	1.6	16.9
Harvest Date	9/1/2016		P>f (hybrid)	0.000	0.000	0.000	0.124	0.000	0.000	0.001
Irrigated	No		L.S.D.	1.7	8.8	6.0		1.2	1.5	27.0
Row Spacing (in)	30	Trial Notes								
Number of Rows	2	*Yields were ok despite heavy rain events throughout the growing season. Some areas in the field did not have good drainage after a heavy rain, thus plants were yellow, stunted, and flowered late. Potential yields were reduced due to these factors.								
Seeds per Acre	22,000	*Applied 100 lb/A of 18-46-0 preplant *Applied 250 lb/A of 48-0-0 at layby *Aflaguard was applied at label rate								
N (lb/ac)	133	Cooperator Bob & Steve Beakley								
P2O5 (lb/ac)	46	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)	0	Soil Type Houston black clay								
Precipitation (in)	37.1	Tillage Disced & field cultivated								
Irrigation (in)		Previous Crop Wheat								
Herbicide	1.5 ox/A of Zidua									

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