



Department of Soil and Crop Sciences

# Bardwell 2017 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	23LPR55	Leptra	68	88	33	23,623	12.7	58.6	189
Dyna-Gro	D57VP51	Genuity VT Triple PRO	68	81	30	22,701	14.3	59.7	189
Golden Acres	G6708	Genuity VT Double PRO	60	78	30	22,562	15.1	59.8	184
Integra	6647	N/A	66	82	33	23,344	13.9	59.1	183
Dyna-Gro	58SS65	Genuity SmartStax	68	79	30	22,785	14.7	61.4	183
Golden Acres	G6611	Genuity VT Triple PRO	67	83	34	21,864	13.5	59.0	181
NuTech	5F713	Optimum AcreMax (AM-R)	68	85	31	21,948	12.8	58.7	181
NK	N83D	Agrisure 3000GT	69	89	34	22,115	14.2	60.2	180
Integra	6474	Genuity VT Double PRO	67	84	35	22,869	13.7	59.2	177
REV	28BHR18	Optimum Intrasect	68	90	37	19,434	14.5	60.8	177
Dyna-Gro	D56VP46	Genuity VT Triple PRO	66	81	32	21,948	14.5	60.2	177
Integra	6533	N/A	67	84	33	23,120	15.0	61.3	177
NK	N76A	Agrisure 3000GT	67	92	33	22,701	13.0	58.1	177
REV	26LPR50	Leptra	69	91	31	22,953	15.1	62.6	176
NK	NK1405-3220	Agrisure Viptera 3111	69	93	34	23,623	13.2	58.1	176
Integra	9678	Genuity VT Triple PRO	67	77	31	21,864	14.5	59.8	176
Dyna-Gro	D55VP77	Genuity VT Triple PRO	67	77	28	22,450	14.5	60.0	175
NuTech	5V217	Agrisure Viptera 3111	69	91	32	21,892	14.4	61.0	175
DEKALB	DKC 62-08	Genuity SmartStax	67	75	33	23,120	13.8	59.9	174
Dyna-Gro	D54VC52	Genuity VT Double PRO	67	83	33	20,691	14.6	60.7	173
Integra	6400	N/A	67	81	32	22,701	13.3	58.8	171

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



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REV	25LPR26	Leptra	69	84	31	23,120	13.3	59.3	169
NK	N78S	Agrisure Viptera 3111	68	87	33	20,942	13.8	58.6	168
NuTech	5F015	Optimum AcreMax (AM-R)	69	85	32	22,701	13.8	60.9	167
NuTech	5F113	Optimum AcreMax (AM-R)	67	93	33	22,953	14.1	61.0	167
Pioneer	P1395	Optimum Intrasect	68	82	31	22,115	13.9	60.5	167
Golden Acres	5788	Genuity VT Double PRO	67	82	32	22,534	14.7	61.0	167
Golden Acres	G7893	Agrisure Viptera 3111	69	83	32	22,199	13.7	58.3	165
Texas A&M AgriLife Research	TST2/TX777	RR2	71	93	38	21,668	15.2	60.8	163
NuTech	5H216	Herculex 1 (HX1)	68	89	33	21,696	14.2	61.2	159
Integra	6273	N/A	N/A	79	30	22,897	13.4	59.3	154
NuTech	5F709	Optimum AcreMax (AM-R)	67	88	31	22,701	12.8	58.2	152
Texas A&M AgriLife Research	TST2/TX779	RR2	73	88	37	19,267	15.3	63.1	150

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<b>Agronomic information</b>			Mean	68	85	32	22,276	14.0	60.0	173						
Plant Date	3/16/2017		C.V. %	3.0	2.7	5.4	4.9	3.2	1.0	8.3						
Harvest Date	8/17/2017		P>f (hybrid)	0.000	0.000	0.000	0.000	0.000	0.000	0.038						
Irrigated	No		L.S.D.	3.4	3.3	2.6	1,579.0	0.7	0.9	21.3						
Row Spacing (in)	30	<b>Trial Notes</b>														
Number of Rows	2	<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"></div> <div style="width: 35%; border: 1px solid gray; padding: 5px;">                     Cooperator <b>Bob &amp; Steve Beakley</b> </div> </div> <p>Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid blk. LSD provided when hybrid significant at p &lt; 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                      ronschnell@tamu.edu                      979-845-2935</p>														
Seeds per Acre	24,000															
N (lb/ac)																
P2O5 (lb/ac)																
K2O (lb/ac)		<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Soil Type</td> <td style="border: 1px solid gray;"></td> </tr> <tr> <td>Tillage</td> <td style="border: 1px solid gray;"></td> </tr> <tr> <td>Previous Crop</td> <td style="border: 1px solid gray;"></td> </tr> </table>									Soil Type		Tillage		Previous Crop	
Soil Type																
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Precipitation (in)	24.22															
Irrigation (in)																
Herbicide																

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