



Department of Soil and Crop Sciences

Greenville 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)
DEKALB	DKC 62-08	Genuity SmartStax	N/A	91	37	19,283	12.3	54.1	112
Dyna-Gro	D52SS63	SmartStax	N/A	92	38	20,144	13.1	54.5	110
Legend	LR98T13	Genuity VT Double PRO	N/A	91	36	19,111	13.1	55.6	108
Dyna-Gro	D54VC14	Genuity VT Double PRO	N/A	87	33	19,542	13.2	55.6	108
Legend	LR97TX14	Genuity VT Double PRO	N/A	91	34	19,197	12.4	53.5	107
Axis	64N21	Genuity VT Double PRO	N/A	92	36	19,886	13.4	55.0	106
Legend	LR97TX16	Genuity VT Double PRO	N/A	96	36	19,111	14.1	53.1	106
Legend	LR98T14	Genuity VT Double PRO	N/A	92	33	20,747	13.3	55.1	105
REV	25LPR89	Leptra	N/A	97	38	20,403	13.3	54.4	105
REV	28LPR18	Leptra	N/A	98	41	19,025	12.3	54.4	105
NuTech	E5FN-A714	Optimum AcreMax (AM-R)	N/A	99	41	19,886	12.9	54.4	103
NuTech	5FB-1211	Optimum AcreMax (AM-R)	N/A	98	35	20,403	12.5	53.9	102
Legend	LR98T16	Genuity VT Double PRO	N/A	93	39	18,681	13.3	54.2	102
NuTech	5TN-1919	Leptra	N/A	101	43	18,767	11.5	53.9	102
Axis	64B28		N/A	89	33	18,681	11.9	55.4	102
REV	23LPR55	Leptra	N/A	100	37	19,025	11.6	53.6	102
Axis	66T27	Genuity VT Double PRO	N/A	94	39	19,283	11.8	53.7	102
Axis	65H25	Genuity VT Double PRO	N/A	93	38	19,025	13.1	54.7	101
Dyna-Gro	D56VC46	Genuity VT Double PRO	N/A	86	33	20,058	13.2	54.0	101
Dyna-Gro	58SS65	Genuity SmartStax	N/A	88	33	19,800	13.0	55.6	101
NuTech	5F713	Optimum AcreMax (AM-R)	N/A	98	39	20,230	12.4	53.5	101

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



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NuTech	5F113	Optimum AcreMax (AM-R)	N/A	97	35	21,436	13.6	55.2	101
REV	25LPR26	Leptra	N/A	99	37	18,939	11.4	53.9	100
LG Seeds	66C32	SmartStax	N/A	96	38	19,283	13.3	54.7	100
Integra	6588	Genuity VT Double PRO	N/A	92	38	17,045	13.1	56.0	98
LG Seeds	5701	Genuity VT Double PRO	N/A	92	37	19,197	12.6	53.4	98
Integra	9678	Genuity VT Double PRO	N/A	89	36	19,197	12.5	54.8	98
B-H Genetics	8660		N/A	94	39	20,230	13.4	53.8	97
Integra	6533	Genuity VT Double PRO	N/A	92	37	18,423	12.6	55.2	96
REV	24BHR99	Optimum Intrasect	N/A	97	41	20,317	12.1	52.7	95
Dyna-Gro	D57VC51	Genuity VT Double PRO	N/A	93	37	17,131	12.8	53.9	95
NuTech	5FB-4516	Optimum AcreMax (AM-R)	N/A	96	36	17,820	12.3	54.3	95
Integra	6400	Genuity SmartStax	N/A	93	37	18,423	12.3	54.5	94
Integra	6647	Genuity VT Double PRO	N/A	95	38	17,820	12.7	54.3	93
REV	27LPR79	Leptra	N/A	103	42	19,800	12.9	55.3	91
LG Seeds	64C18	Genuity VT Double PRO	N/A	91	34	19,025	12.0	54.1	89
Legend	LR9809	Genuity VT Double PRO	N/A	91	36	18,337	12.8	51.2	82

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

Greenville

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	3/13/2018	Mean		94	37	19,263	12.7	54.3	100
Harvest Date	8/29/2018	C.V. %		2.1	6.0	7.1	9.4	1.3	8.8
Irrigated	No	P>f (hybrid)		0.000	0.000	0.006	0.360	0.000	0.006
Row Spacing (in)	30	L.S.D.		2.7	3.1	1,928.2		1.0	12.4
Number of Rows	2	Trial Notes							
Seeds per Acre	24,000	<div style="border: 1px solid gray; padding: 5px;"> <p>Cooperator <input type="text" value="Texas A&M AgriLife Research"/></p> <p>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</p> </div>							
N (lb/ac)									
P2O5 (lb/ac)									
K2O (lb/ac)									
Precipitation (in)	27.19								
Irrigation (in)		Soil Type	Clay						
Herbicide		Tillage							
		Previous Crop							

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