AGRICULTURE & LIFE SCIENCES
TEXAS A&M UNIVERSITY

Department of Soil and Crop Sciences

College Station
2018 Corn
Performance Trial

TEXAS A&M AGRILIFE RESEARCH | EXTENSION

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)
NuTech	5TN-1919	Leptra	72	102	38	24,269	11.4	58.9	219
REV	25LPR26	Leptra	70	96	32	26,655	11.1	58.8	217
Dyna-Gro	D56VC46	Genuity VT Double PRO	69	88	33	25,306	11.5	58.2	213
REV	25LPR89	Leptra	70	100	34	26,343	10.9	58.7	210
REV	28LPR18	Leptra	72	103	38	23,751	11.3	58.8	210
NuTech	5F713	Optimum AcreMax (AM-R)	70	99	33	25,306	11.0	57.4	208
NuTech	5FB-4516	Optimum AcreMax (AM-R)	72	98	32	28,107	11.1	58.6	207
REV	23LPR55	Leptra	70	93	32	25,617	11.2	60.6	206
LG Seeds	66C32	SmartStax	72	93	32	26,551	10.9	59.4	206
Progeny	PGY6119	Genuity VT Double PRO	70	91	35	25,203	11.8	59.3	206
REV	27LPR79	Leptra	73	106	35	24,995	11.6	60.4	205
Progeny	PGY8116	SmartStax	72	92	35	25,721	11.5	60.4	204
LG Seeds	5701	Genuity VT Double PRO	71	93	34	24,684	11.2	58.4	202
REV	24BHR99	Optimum Intrasect	71	97	30	26,136	10.9	58.6	202
DEKALB	DKC 62-08	Genuity SmartStax	68	89	33	25,306	10.7	57.8	200
Dyna-Gro	58SS65	Genuity SmartStax	71	89	30	24,684	11.1	59.1	198
Legend	LR98T14	Genuity VT Double PRO	67	91	31	27,069	11.4	58.7	198
Integra	9678	Genuity VT Double PRO	70	88	35	25,306	11.5	59.1	197
Progeny	PGY6116	Genuity VT Double PRO	69	92	33	25,721	10.8	57.9	196
LG Seeds	68C88	Genuity VT Double PRO	71	92	35	26,136	12.0	59.2	195
B-H Genetics	8660		69	92	33	26,136	10.8	57.6	194

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

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Integra	6533	Genuity VT Double PRO	68	91	34	25,514	11.3	58.6	191
Integra	6647	Genuity VT Double PRO	69	89	32	24,891	10.6	58.0	191
Dyna-Gro	D57VC51	Genuity VT Double PRO	70	92	32	24,891	11.0	58.1	191
Progeny	PGY5115	Genuity VT Double PRO	69	91	27	24,580	11.1	57.7	189
Legend	LR98T16	Genuity VT Double PRO	69	92	31	26,551	11.0	58.1	188
Legend	LR9809	Genuity VT Double PRO	69	85	29	24,477	11.0	55.4	187
Integra	6400	Genuity SmartStax	69	94	34	26,966	10.8	57.7	186
Integra	6588	Genuity VT Double PRO	72	90	31	26,240	12.0	59.6	186
Mission	A1677	Genuity VT Double PRO	71	93	34	26,447	11.7	59.3	185
Legend	LR97TX14	Genuity VT Double PRO	69	88	28	26,136	10.9	57.6	185
Progeny	7118	Genuity VT Double PRO	70	99	38	24,788	11.0	57.3	184
NuTech	E5FN-A714	Optimum AcreMax (AM-R)	72	97	33	24,995	11.7	58.0	183
NK	NK1573	Agrisure 3000GT	70	96	31	27,069	11.5	56.9	181
Mission	A1657	Genuity DG VT Double PRO	69	91	29	24,684	11.4	57.9	181
NuTech	5FB-1211	Optimum AcreMax (AM-R)	69	90	31	24,891	11.1	57.5	180
Mission	A1637	Genuity VT Double PRO	70	91	31	24,269	10.9	56.0	178
NuTech	5F113	Optimum AcreMax (AM-R)	69	96	31	27,173	11.1	59.3	178
Legend	LR98T13	Genuity VT Double PRO	67	88	32	25,721	11.3	58.5	177
Dyna-Gro	D52SS63	SmartStax	70	90	29	26,032	11.1	58.4	176
Legend	LR97TX16	Genuity VT Double PRO	67	96	33	24,891	10.9	56.6	174
Dyna-Gro	D54VC14	Genuity VT Double PRO	67	88	28	23,439	11.4	57.6	173

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Progeny	EXP1814		68	85	28	24,891	11.0	58.2	171
NK	NK1694	Agrisure Viptera 3111	70	94	33	26,966	11.3	57.3	169
Navajo Seeds	Oscar	Conventional	71	98	35	26,136	11.1	59.3	167
Navajo Seeds	Lombard	Conventional	72	97	37	26,032	10.8	57.8	166
Mission	A1687	Genuity VT Double PRO	68	90	32	23,025	11.5	58.5	159
Navajo Seeds	Legacy	Conventional	67	90	35	24,165	11.2	58.2	143
Navajo Seeds	Ranger	Conventional	72	99	32	24,788	11.1	58.8	142
Navajo Seeds	Regent	Conventional	70	95	31	24,062	11.2	59.1	131

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	Mean		70	93	32	25,474	11.2	58.3	188
	C.V. %		1.1	3.8	10.8	6.8	2.8	1.8	7.5
	P>f (hybrid)		0.000	0.000	0.000	0.032	0.000	0.000	0.000
	L.S.D.		1.1	4.9	4.9	2,410.9	0.4	1.4	19.7

Agronomic information

Plant Date	3/9/2018
Harvest Date	8/11/2018
Irrigated	Yes
Row Spacing (in)	30
Number of Rows	2
Seeds per Acre	30,000
N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
Precipitation (in)	17.6
Irrigation (in)	

Herbicide

Trial Notes

Soil Type	Ships Clay
Tillage	Conventional
Previous Crop	Corn

Cooperator: Texas A&M AgriLife Research

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:
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