AGRICULTURE & LIFE SCIENCES
TEXAS A&M UNIVERSITY

Department of Soil and Crop Sciences

Thrall
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)
Legend	LR97TX16	Genuity VT Double PRO	N/A	69	22	18,178	10.5	53.4	61
Legend	LR97TX14	Genuity VT Double PRO	N/A	63	21	17,340	10.6	52.5	58
Dyna-Gro	D54VC14	Genuity VT Double PRO	N/A	65	17	18,848	10.9	53.9	55
Integra	6588	Genuity VT Double PRO	N/A	69	24	16,251	11.0	53.7	53
Progeny	EXP1814		N/A	63	19	16,586	11.0	54.1	53
Integra	9678	Genuity VT Double PRO	N/A	69	25	17,005	11.0	53.7	52
Progeny	PGY6119	Genuity VT Double PRO	N/A	62	23	15,916	10.9	53.8	50
Progeny	PGY8116	SmartStax	N/A	65	25	17,592	11.1	54.2	50
NuTech	5F713	Optimum AcreMax (AM-R)	N/A	76	21	17,424	10.0	52.1	50
NK	NK1694	Agrisure Viptera 3111	N/A	71	22	16,754	11.0	53.9	49
Dyna-Gro	D52SS63	SmartStax	N/A	65	19	17,843	10.8	53.2	49
DEKALB	DKC 62-08	Genuity SmartStax	N/A	61	23	15,749	10.3	51.9	49
Legend	LR98T16	Genuity VT Double PRO	N/A	70	25	16,000	10.6	53.2	48
REV	23LPR55	Leptra	N/A	76	20	16,419	10.5	52.7	47
Legend	LR98T14	Genuity VT Double PRO	N/A	65	21	17,759	11.2	54.4	47
Integra	6400	Genuity SmartStax	N/A	69	24	15,246	10.6	53.4	47
REV	24BHR99	Optimum Intrasect	N/A	74	25	16,419	10.8	52.9	46
Dyna-Gro	D56VC46	Genuity VT Double PRO	N/A	64	25	17,173	10.8	53.1	45
Pioneer	P1847	Leptra	N/A	76	24	17,173	11.1	54.1	45
Mission	A1677	Genuity VT Double PRO	N/A	76	26	17,005	10.4	52.5	44
LG Seeds	66C32	SmartStax	N/A	66	26	16,084	10.7	52.1	43

*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	58SS65	Genuity SmartStax	N/A	55	18	16,419	11.0	53.3	43
Pioneer	P1464	Leptra	N/A	77	24	17,173	10.5	52.1	42
NuTech	5F113	Optimum AcreMax (AM-R)	N/A	80	22	16,670	10.4	53.0	42
Legend	LR98T13	Genuity VT Double PRO	N/A	60	22	16,419	10.9	53.5	42
REV	25LPR89	Leptra	N/A	69	18	16,503	10.0	52.5	42
B-H Genetics	8660		N/A	69	23	16,754	10.6	51.8	41
NuTech	E5FN-A714	Optimum AcreMax (AM-R)	N/A	78	24	14,325	10.1	51.9	41
REV	27LPR79	Leptra	N/A	78	25	17,843	10.9	53.9	40
Progeny	PGY6116	Genuity VT Double PRO	N/A	68	25	16,754	10.5	51.7	40
REV	28LPR18	Leptra	N/A	84	26	16,838	10.7	52.6	40
Mission	A1657	Genuity DG VT Double PRO	N/A	67	24	16,670	10.7	52.3	39
Mission	A1687	Genuity VT Double PRO	N/A	67	25	12,230	10.6	52.8	39
NuTech	5FB-1211	Optimum AcreMax (AM-R)	N/A	68	17	16,000	10.9	52.9	39
NuTech	5FB-4516	Optimum AcreMax (AM-R)	N/A	75	19	16,670	10.5	52.4	38
NuTech	5TN-1919	Leptra	N/A	81	27	15,246	11.2	52.8	38
Progeny	7118	Genuity VT Double PRO	N/A	72	24	16,503	10.2	52.0	38
Integra	6647	Genuity VT Double PRO	N/A	66	22	16,167	10.3	51.7	38
Integra	6533	Genuity VT Double PRO	N/A	62	24	14,827	10.4	51.8	37
Mission	A1637	Genuity VT Double PRO	N/A	71	23	17,005	10.1	52.4	35
REV	25LPR26	Leptra	N/A	77	20	18,345	10.7	53.5	35
Legend	LR9809	Genuity VT Double PRO	N/A	69	23	17,089	10.1	50.7	34

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Dyna-Gro	D57VC51	Genuity VT Double PRO	N/A	62	24	17,592	9.7	50.4	32
LG Seeds	5701	Genuity VT Double PRO	N/A	68	23	14,911	9.7	51.4	28
Navajo Seeds	D-Bear	Conventional	N/A	63	16	14,660	10.4	52.8	24

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	Mean			69	23	16,542	10.6	52.8	43
	C.V. %			6.4	12.4	14.4	4.5	1.8	24.0
	P>f (hybrid)			0.000	0.000	0.536	0.000	0.000	0.001
	L.S.D.			6.2	3.9		0.7	1.4	14.5

Agronomic information

Plant Date	3/5/2018
Harvest Date	8/20/2018
Irrigated	No
Row Spacing (in)	30
Number of Rows	2
Seeds per Acre	24,000
N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
Precipitation (in)	12.68
Irrigation (in)	

Herbicide

Trial Notes

Below average rainfall, in particular during critical growth stages resulted in lower than normal yields.

Soil Type	Burleson Clay
Tillage	
Previous Crop	Grain Sorghum

Cooperator: Stiles Farm Foundation

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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