



Department of Soil and Crop Sciences

# Spearman 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)
Progeny	PGY8116	SmartStax	N/A	105	51	32,279	17.8	58.1	261
Hoegemeyer	HPT 8529	Optimum AcreMax (AM-R)	N/A	116	45	31,944	17.0	58.1	260
Integra	6474	Genuity VT Double PRO	N/A	111	48	30,073	16.3	55.9	259
Agventure	AV8212		N/A	106	41	30,327	16.3	56.9	259
REV	23LPR55	Leptra	N/A	109	47	30,416	16.1	57.3	258
REV	28LPR18	Leptra	N/A	110	46	28,518	16.9	58.2	257
DEKALB	DKC 62-08	Genuity SmartStax	N/A	101	51	30,576	17.0	57.3	257
REV	25LPR26	Leptra	N/A	112	45	31,093	18.0	58.5	256
Progeny	EXP1814		N/A	100	41	31,694	15.7	57.8	256
LG Seeds	5643	SmartStax	N/A	107	44	30,324	16.2	56.5	254
Hoegemeyer	HPT 8556	Optimum AcreMax (AM-R)	N/A	112	45	32,233	18.1	58.0	253
LG Seeds	66C32	SmartStax	N/A	107	50	30,492	18.2	57.8	252
REV	25LPR89	Leptra	N/A	113	47	30,492	17.3	58.5	252
REV	27LPR79	Leptra	N/A	119	48	28,398	19.8	58.6	251
Hoegemeyer	HPT 8415	Optimum AcreMax (AM-R)	N/A	106	43	28,817	15.3	56.7	251
Integra	6284	Genuity VT Double PRO	N/A	105	44	30,073	16.0	56.8	249
NuTech	5FB-1211	Optimum AcreMax (AM-R)	N/A	104	40	29,487	16.7	57.4	249
NuTech	E5FN-A714	Optimum AcreMax (AM-R)	N/A	110	46	29,469	16.6	56.8	248
Progeny	PGY6116	Genuity VT Double PRO	N/A	106	43	31,665	19.1	57.4	246
NuTech	5FB-4516	Optimum AcreMax (AM-R)	N/A	112	44	31,274	20.9	57.6	245
B-H Genetics	8660		N/A	105	44	30,715	18.8	56.8	245

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



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Progeny	PGY6119	Genuity VT Double PRO	N/A	106	43	28,482	18.8	57.5	245
Mycogen	MY09V46	Powercore	N/A	95	39	31,852	16.0	57.3	244
Mycogen	MY12G38	SmartStax	N/A	109	47	31,330	18.5	55.2	243
Integra	6533	Genuity VT Double PRO	N/A	103	43	28,817	18.1	57.9	243
NuTech	5F713	Optimum AcreMax (AM-R)	N/A	112	48	29,375	15.2	57.3	242
Integra	9678	Genuity VT Double PRO	N/A	103	45	29,490	18.8	57.3	238
Integra	6400	Genuity SmartStax	N/A	104	46	29,710	15.5	57.5	235
Progeny	7118	Genuity VT Double PRO	N/A	110	47	30,911	16.3	56.2	230
LG Seeds	68C88	Genuity VT Double PRO	N/A	107	46	28,398	18.2	57.8	230
Progeny	PGY5115	Genuity VT Double PRO	N/A	104	41	28,474	16.2	56.9	229
Mycogen	MY13M87	SmartStax	N/A	100	41	29,319	17.7	57.4	227
REV	24BHR99	Optimum Intrasect	N/A	101	42	26,301	16.2	57.4	225
Integra	6588	Genuity VT Double PRO	N/A	106	48	26,918	18.5	58.3	224

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<b>Agronomic information</b>									
		Mean		107	45	29,992	17.3	57.4	246
Plant Date	5/2/2018	C.V. %		3.5	7.6	9.3	9.7	1.5	7.4
Harvest Date	9/26/2018	P>f (hybrid)		0.000	0.000	0.601	0.001	0.000	0.218
Irrigated	Yes	L.S.D.		5.2	4.8		2.5	1.3	
Row Spacing (in)	30	<b>Trial Notes</b>							
Number of Rows	2	<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%; border: 1px solid gray; padding: 5px;"> <p>Cooperator <span style="border: 1px solid black; padding: 2px 10px;">Travis Patterson</span></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 &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 / Katrina Horn ronschnell@tamu.edu / khorn@tamu.edu 979-845-2935 / 979-845-8505</p> </div> <div style="width: 35%; border: 1px solid gray; padding: 5px;"> <p>Soil Type <span style="border: 1px solid black; padding: 2px 10px;">Silty clay loam</span></p> <p>Tillage <span style="border: 1px solid black; padding: 2px 10px;">Strip-till</span></p> <p>Previous Crop <span style="border: 1px solid black; padding: 2px 10px;">Cotton</span></p> </div> </div>							
Seeds per Acre	32,000								
N (lb/ac)	270								
P2O5 (lb/ac)	80								
K2O (lb/ac)	0								
Precipitation (in)	15.55								
Irrigation (in)	30								
Herbicide	2.5 oz/A Panther + 3 oz/A Balance Flexx applied early post-emerge								

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