

Spearman 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)
Integra	6533	N/A	76	106	39	28,587	14.5	61.0	283
LG Seeds	5663	Genuity VT Double PRO	76	108	40	28,984	16.1	61.9	279
Progeny	PGY6119	Genuity VT Double PRO	76	110	40	29,822	16.3	62.0	277
Allegiant	11758	N/A	77	110	44	30,532	14.6	61.7	275
Agventure	EXP1014AM	Optimum AcreMax (AM-R)	78	115	41	32,084	14.3	59.8	275
Golden Acres	G8828	Genuity VT Double PRO	78	111	41	30,195	15.6	61.3	270
Golden Acres	G6832	SmartStax	77	109	40	28,984	14.7	61.5	270
Dyna-Gro	D58VC65	Genuity VT Double PRO	76	105	39	29,822	14.9	61.4	269
LG Seeds	5643	SmartStax	76	109	41	30,743	13.5	59.2	268
Progeny	EXP1716	Genuity VT Double PRO	77	107	42	29,822	16.0	62.2	266
LG Seeds	5650	SmartStax	76	109	43	29,403	14.9	61.8	265
DEKALB	DKC 64-69	Genuity VT Triple PRO	76	107	41	29,164	15.0	60.9	264
Dyna-Gro	D58VC37	Genuity VT Double PRO	75	104	39	28,316	15.0	61.2	264
REV	28BHR18	Optimum Intrasect	77	115	44	22,953	15.4	61.1	263
Integra	6400	Genuity SmartStax	76	108	41	31,162	13.7	59.2	263
REV	23LPR55	Leptra	76	112	42	31,581	13.6	59.1	262
Dyna-Gro	D55VP77	Genuity VT Triple PRO	75	103	38	30,405	14.5	60.4	261
NuTech	XFN1305	Optimum AcreMax (AM-R)	76	113	43	29,261	13.2	58.4	259
Progeny	PGY6116	Genuity VT Double PRO	75	106	37	28,032	14.7	59.0	258
Agventure	AV8714YHB	Optimum Intrasect	76	111	42	29,403	14.3	61.4	257
NuTech	5F015	Optimum AcreMax (AM-R)	77	113	43	29,907	14.4	61.2	257

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



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Progeny	PGY7215	Genuity VT Double PRO	75	110	39	27,811	14.7	60.6	257
Pioneer	P1395	Optimum Intrasect	77	112	39	29,789	15.6	62.0	257
Phoenix	6342	Agrisure Viptera 3111	77	112	41	30,749	12.9	57.0	256
Golden Acres	5788	Genuity VT Double PRO	77	111	43	30,377	14.3	61.0	254
Progeny	EXP1715	Genuity SmartStax	77	112	45	31,330	15.3	61.6	253
Integra	6647	N/A	75	107	42	28,733	14.6	60.2	253
Progeny	EXP1714	Genuity VT Double PRO	75	107	39	29,235	14.9	60.8	253
Integra	6474	Genuity VT Double PRO	76	111	45	28,598	12.8	58.6	251
Progeny	EXP1712	Genuity VT Double PRO	76	109	40	30,995	14.1	60.3	250
NuTech	5FB9016	Optimum AcreMax (AM-R)	77	116	42	26,097	14.4	59.2	250
Progeny	EXP1726	Genuity VT Double PRO	76	103	38	28,892	14.6	60.3	250
Agventure	EXP1013AM	Optimum AcreMax (AM-R)	76	111	37	28,367	13.6	59.3	250
LG Seeds	5618	SmartStax	76	102	37	30,562	14.6	60.7	249
Progeny	PGY4114	Genuity VT Double PRO	75	109	40	29,233	13.7	60.4	247
Allegiant	11697	N/A	76	107	42	27,507	13.5	58.3	247
NuTech	5V217	Agrisure Viptera 3111	77	119	42	28,148	14.9	59.9	246
Integra	9678	Genuity VT Triple PRO	75	103	37	27,560	15.1	59.9	243
LG Seeds	5606	SmartStax	76	108	43	31,422	13.2	59.9	242
Phoenix	6542	Agrisure Viptera 3111	77	114	45	28,063	14.6	58.3	239
NuTech	5F713	Optimum AcreMax (AM-R)	76	114	42	30,732	13.2	58.7	239
REV	25LPR26	Leptra	77	117	43	30,568	13.8	60.3	236

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Progeny	PGY7111	Genuity VT Double PRO	75	106	38	28,398	12.3	58.4	232
Integra	6273	N/A	75	106	41	31,581	14.0	58.9	231
Progeny	PGY5115	Genuity VT Double PRO	76	106	38	29,310	13.9	59.6	229
Golden Acres	G7893	Agrisure Viptera 3111	76	115	45	24,293	14.8	57.6	228
Progeny	PGY6110	Genuity VT Double PRO	75	106	38	23,455	14.0	60.1	194

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Agronomic information			Mean	76	109	41	29,169	14.4	254
Plant Date	4/27/2017	C.V. %	1.3	2.8	5.9	6.5	5.2	1.5	7.5
Harvest Date	10/26/2017	P>f (hybrid)	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Irrigated	Yes	L.S.D.	1.4	4.3	3.4	2,652.4	1.1	1.3	27.0
Trial Notes									
Row Spacing (in)	30	Cooperator Travis Patterson 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							
Number of Rows	2								
Seeds per Acre	32,000								
N (lb/ac)									
P2O5 (lb/ac)									
K2O (lb/ac)									
Precipitation (in)	29.51								
Irrigation (in)									
Herbicide									
		Soil Type							
		Tillage							
		Previous Crop							

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