

Dalhart

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)
DEKALB	DKC 62-08	Genuity SmartStax	67	89	36	29,319	21.1	58.8	201
Integra	9678	Genuity VT Triple PRO	67	85	32	28,482	20.6	57.7	189
Progeny	PGY6119	Genuity VT Double PRO	67	87	33	28,565	23.9	59.2	187
Dyna-Gro	D58VC65	Genuity VT Double PRO	68	91	33	28,817	22.7	58.8	187
Agventure	EXP1013AM	Optimum AcreMax (AM-R)	69	92	34	29,654	20.7	58.3	186
Integra	6647	N/A	68	91	33	28,398	20.1	58.3	186
Integra	6474	Genuity VT Double PRO	68	93	36	29,319	19.4	58.0	185
Progeny	EXP1726	Genuity VT Double PRO	68	89	32	27,476	20.3	58.7	182
Golden Acres	G6832	SmartStax	69	90	33	27,644	22.5	58.9	182
Agventure	EXP1014AM	Optimum AcreMax (AM-R)	68	94	32	29,235	21.1	58.4	181
Progeny	EXP1714	Genuity VT Double PRO	68	85	28	29,319	20.2	61.0	179
LG Seeds	5643	SmartStax	68	91	31	28,146	21.1	56.6	178
Phoenix	6342	Agrisure Viptera 3111	69	90	33	27,811	18.8	56.6	178
LG Seeds	5618	SmartStax	68	84	29	30,157	21.8	58.8	176
Dyna-Gro	D58VC37	Genuity VT Double PRO	68	87	29	27,811	21.4	57.6	176
Allegiant	11697	N/A	68	88	31	27,728	19.7	57.3	175
Integra	6273	N/A	68	86	30	29,319	18.1	59.8	174
Integra	6400	Genuity SmartStax	68	90	33	29,487	18.7	57.6	173
LG Seeds	5663	Genuity VT Double PRO	68	86	35	27,811	19.9	59.9	172
NuTech	5V217	Agrisure Viptera 3111	68	98	35	28,984	19.8	59.0	171
LG Seeds	5606	SmartStax	67	90	36	29,906	18.7	59.7	171

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



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Allegiant	11758	N/A	69	93	34	28,984	20.0	59.2	171
NuTech	5F713	Optimum AcreMax (AM-R)	68	90	36	29,654	19.1	58.0	171
Integra	6533	N/A	68	86	32	27,309	20.5	59.4	169
Phoenix	6542	Agrisure Viptera 3111	68	95	34	29,068	20.8	56.1	169
Dyna-Gro	D55VP77	Genuity VT Triple PRO	68	84	30	27,895	20.8	60.1	168
Progeny	EXP1715	Genuity SmartStax	69	90	35	29,068	21.4	59.3	167
Agventure	AV7307YHB	Optimum Intrasect	68	87	33	28,482	18.7	59.1	167
Progeny	PGY6116	Genuity VT Double PRO	68	90	31	26,974	21.4	57.9	167
Golden Acres	5788	Genuity VT Double PRO	68	90	33	28,900	17.9	59.4	165
Progeny	EXP1716	Genuity VT Double PRO	69	92	33	27,225	21.7	58.7	164
NuTech	5FB9016	Optimum AcreMax (AM-R)	68	97	36	28,063	19.8	57.7	164
Progeny	EXP1712	Genuity VT Double PRO	68	89	30	29,152	18.7	58.5	163
Phoenix	6948	Agrisure 3000GT	68	92	32	28,900	20.7	58.0	163
Progeny	PGY4114	Genuity VT Double PRO	68	94	33	26,974	18.2	59.0	160
Golden Acres	G8828	Genuity VT Double PRO	68	95	36	26,387	21.9	58.0	159
LG Seeds	5650	SmartStax	68	90	36	29,906	20.8	59.8	158
Progeny	PGY5115	Genuity VT Double PRO	68	84	29	26,052	20.1	59.4	158
Golden Acres	G7893	Agrisure Viptera 3111	68	91	34	24,879	19.9	56.8	157
Progeny	PGY7215	Genuity VT Double PRO	68	88	33	26,052	20.3	58.9	156
NuTech	5F015	Optimum AcreMax (AM-R)	68	90	36	27,811	20.9	59.9	156
REV	25LPR26	Leptra	68	93	36	28,314	19.6	59.6	154

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REV	28BHR18	Optimum Intrasect	68	93	35	23,790	20.5	59.3	149
REV	23LPR55	Leptra	68	90	34	26,304	19.0	58.2	148
Progeny	PGY7111	Genuity VT Double PRO	68	93	31	26,136	17.8	58.5	147
Pioneer	P1395	Optimum Intrasect	69	88	33	27,895	21.6	59.9	142
NuTech	XFN1305	Optimum AcreMax (AM-R)	68	94	35	27,728	18.2	56.6	138
Progeny	PGY6110	Genuity VT Double PRO	67	87	31	21,948	18.2	59.5	128

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Agronomic information			Mean	68	90	33	27,984	20.2	58.6	168
Plant Date	<input type="text" value="5/30/2017"/>		C.V. %	0.9	3.3	8.2	6.4	5.0	1.5	8.3
Harvest Date	<input type="text" value="10/31/2017"/>		P>f (hybrid)	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Irrigated	<input type="text" value="Yes"/>		L.S.D.	0.8	4.1	3.8	2,522.6	1.4	1.3	19.6
Row Spacing (in)	<input type="text" value="30"/>	Trial Notes								
Number of Rows	<input type="text" value="2"/>	*Special appreciation expressed to Mike Bragg, Dallam Co. CEA, for assisting with planting, silk notes, and harvest notes.								
Seeds per Acre	<input type="text" value="32,000"/>									
N (lb/ac)	<input type="text"/>	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								
P2O5 (lb/ac)	<input type="text"/>									
K2O (lb/ac)	<input type="text"/>									
Precipitation (in)	<input type="text" value="26.84"/>	Cooperator <input type="text" value="Ronald Meyer"/>								
Irrigation (in)	<input type="text"/>									
Herbicide	<input type="text"/>									
	<input type="text"/>	Soil Type	<input type="text"/>							
	<input type="text"/>	Tillage	<input type="text"/>							
	<input type="text"/>	Previous Crop	<input type="text"/>							

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