

# Dalhart

## 2016 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)
Mycogen	12G36	SmartStax	74	103	51	30,619	18.5	54.2	274
Phoenix	6542	Agrisure Viptera 3111	73	109	52	28,394	18.4	54.0	267
Golden Acres	G6611	Genuity VT Triple PRO	71	107	51	30,827	17.1	57.8	267
Mycogen	MY15T31	RR	73	107	55	29,907	18.0	54.7	265
Agventure	AV7307YHB	Optimum Intrasect	72	103	50	30,408	12.6	58.6	261
NuTech	5F015	Optimum AcreMax (AM-R)	74	106	51	29,473	15.8	59.2	257
Phoenix	6518	Agrisure GT Artesian	72	105	49	29,068	17.8	54.3	253
Mycogen	MY13M87	SmartStax	71	104	46	29,822	17.7	56.7	252
Phoenix	6948	Agrisure 3000GT	74	107	52	29,889	17.5	56.3	251
Mycogen	MY13A35	Powercore	72	105	48	29,068	16.8	53.9	248
Dyna-Gro	D54DC94	Genuity DG VT Double PRO	73	104	52	30,241	15.6	57.5	247
Dyna-Gro	D55VP77	Genuity VT Triple PRO	72	95	45	29,906	17.8	56.6	247
Golden Acres	G7601	Genuity VT Triple PRO	73	110	54	29,588	16.6	57.6	246
NuTech	5F713	Optimum AcreMax (AM-R)	74	106	51	30,248	13.5	58.1	245
Agventure	AV8714YHB	Optimum Intrasect	73	106	51	30,576	15.8	58.6	243
Mycogen	MY10Z28	SmartStax	73	97	48	31,139	11.9	55.7	242
REV	23BHR55	Optimum Intrasect	73	104	48	28,819	13.3	58.0	240
NuTech	5F418	Optimum AcreMax (AM-R)	73	108	47	30,324	16.0	57.9	237
Dyna-Gro	D58VC37	Genuity VT Double PRO	72	102	46	30,073	17.7	57.9	236
REV	25BHR26	Optimum Intrasect	73	106	50	29,272	13.8	59.3	233
Integra	6273	N/A	71	101	46	30,781	14.3	57.3	232
REV	22BHR43	Optimum Intrasect	72	105	45	27,924	14.2	59.8	232

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

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NuTech	5F515	Optimum AcreMax (AM-R)	74	106	50	29,275	16.3	58.9	232
Phoenix	8400	Agrisure Viptera 3111	73	111	52	29,813	17.6	57.3	230
REV	24BHR93	Optimum Intrasect	74	105	52	27,211	15.3	58.7	226
Golden Acres	5788	Genuity VT Double PRO	73	101	52	29,166	15.5	60.1	224
REV	18BHR84	Optimum Intrasect	72	102	46	29,197	13.7	57.4	223
Dyna-Gro	D54VC52	Genuity VT Double PRO	72	103	51	26,510	17.4	58.5	221
NuTech	5F709	Optimum AcreMax - AQUA	72	101	47	29,276	12.5	58.7	221
Integra	9678	Genuity VT Triple PRO	72	98	45	29,824	16.6	58.3	218
NuTech	5F510	Optimum AcreMax (AM-R)	73	99	48	29,383	12.7	60.0	215

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<b>Agronomic information</b>									
Plant Date	5/4/2016		Mean	72	104	49	29,549	15.8	242
Harvest Date	10/6/2016		C.V. %	1.1	3.7	5.2	5.1	6.8	10.9
Irrigated	Yes		P>f (hybrid)	0.000	0.000	0.000	0.019	0.000	0.099
Row Spacing (in)	30		L.S.D.	1.1	5.3	3.6	2,149.9	1.6	1.4
Number of Rows	2		<b>Trial Notes</b>						
Seeds per Acre	32,000		*Field was strip-tilled and 20-80-6-2 Zn applied. At planting, 3 gal/A of 10-34-0 was applied. Throughout growing season, 135 lb/A of N + 52 lb/A of S was applied						
N (lb/ac)	229		*Absolute Maxx fungicide was applied during growing season						
P2O5 (lb/ac)	94		*Appreciation is expressed to Mr. Mike Bragg, Dallam CEA, for his assistance in planting, monitoring test and taking silk notes						
K2O (lb/ac)	6		Cooperator <input type="text" value="Gerald Wilhelm"/> 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: Dennis Pietsch croptest@tamu.edu 979-845-8505						
Precipitation (in)	23.06								
Irrigation (in)	24								
Herbicide	Applied preplant 8 oz of Verdict + 1lb/A of Atrazine + 24oz of Roundup. Applied post-plant 4 oz/A of Status + 32 oz of Roundup								
Soil Type	Dallam loam								
Tillage	Strip till								
Previous Crop	Wheat								

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