

# Monte Alto 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)
Dyna-Gro	D57VP51	Genuity VT Triple PRO	61	88	34	22,115	10.1	55.8	173
Golden Acres	G7688	Genuity VT Double PRO	60	83	34	23,707	10.7	57.5	171
Dyna-Gro	D54VC52	Genuity VT Double PRO	61	87	35	23,707	10.2	56.2	170
NK	N78S	Agrisure Viptera 3111	62	93	35	23,958	9.8	54.2	170
REV	26BHR50	Optimum Intrasect	63	94	33	23,455	10.8	57.3	169
Dyna-Gro	D58VC37	Genuity VT Double PRO	62	87	31	22,366	10.4	56.6	166
Phoenix	6542	Agrisure Viptera 3111	63	89	33	22,534	9.7	54.2	162
Mycogen	2D848	SmartStax	60	89	38	23,790	10.2	55.8	161
Phoenix	8400	Agrisure Viptera 3111	62	96	31	23,372	10.7	56.1	160
Dyna-Gro	D56VC46	Genuity VT Double PRO	61	88	36	22,785	10.3	56.6	160
Integra	9678	Genuity VT Triple PRO	61	85	34	22,953	10.3	56.5	159
REV	25BHR26	Optimum Intrasect	61	92	35	22,785	10.7	56.1	158
REV	23BHR55	Optimum Intrasect	61	93	39	22,618	9.8	54.4	158
Mycogen	2C797	SmartStax	61	87	34	23,623	9.8	54.3	158
Phoenix	6522	Agrisure Viptera 3111	63	90	35	23,790	10.3	55.2	158
Integra	9642	Genuity VT Triple PRO	61	86	32	23,707	10.2	56.1	155
REV	28HR20	Herculex 1 (HX1)	60	99	34	22,618	10.6	57.1	154
Phoenix	6948	Agrisure 3000GT	63	91	37	23,623	9.8	54.6	153
NK	N76A	Agrisure 3000GT	61	89	30	23,790	8.9	51.7	153
Mycogen	MY13M87	SmartStax	62	82	32	24,293	9.9	55.8	152
Integra	6474	Genuity VT Double PRO	63	90	38	24,042	9.6	53.9	152
Anzu Genetica	MB-2225	N/A	68	94	39	24,209	10.7	56.2	152

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

# Monte Alto 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)
Dyna-Gro	D54DC94	Genuity DroughtGard VT Do	62	87	31	21,529	9.5	54.1	150
Golden Acres	G7601	Genuity VT Triple PRO	63	95	32	24,461	9.5	54.7	150
REV	22BHR43	Optimum Intrasect	60	95	36	21,194	10.4	56.7	149
Anzu Genetica	MB-1911	Conventional	61	97	42	22,701	10.1	55.5	146
Anzu Genetica	MA-9035	N/A	63	94	40	22,534	11.6	58.6	145
NK	N68K	Agrisure Artesian 3011A	62	85	29	23,958	9.5	51.6	144
NK	N69D	Agrisure 3000GT	62	94	37	23,288	10.0	54.3	140
Phoenix	6518	Agrisure GT Artesian	62	87	32	24,209	9.5	54.1	140
Anzu Genetica	MA-9035A	N/A	62	99	44	23,539	11.4	58.1	140
Integra	6612	Genuity SmartStax RIB Com	63	86	31	22,115	9.4	53.0	135
3MG	15-2256	Conventional	59	97	44	22,115	10.9	57.8	131
Anzu Genetica	MB-2222AS	N/A	62	95	40	19,770	10.8	56.3	131

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

# Monte Alto 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)	
<b>Agronomic information</b>			Mean	62	91	35	23,096	10.2	55.5	154
Plant Date	2/18/2016		C.V. %	2.2	3.4	10.0	6.4	3.0	1.1	7.8
Harvest Date	7/21/2016		P>f (hybrid)	0.000	0.000	0.000	0.009	0.000	0.000	0.000
Irrigated	Yes		L.S.D.	1.9	4.3	4.9	2,067.8	0.5	0.9	17.6
Row Spacing (in)	30	<b>Trial Notes</b>								
Number of Rows	2	*Fertilizer was applied as follows: 2/2/16: 18 gal/A of 10-28-0-5(S) 3/8/16: Sidedress 400 lb/A of 28-0-0-5(S) 3/30/16: Broadcast sprayed 2.3 pt/A of FOLIGRO (2-17-17) & 2 pt/A of Nitrozin (17-0-0-5(Zn))								
Seeds per Acre	25,000	*Test was irrigated three times *Appreciation is expressed to Andy Scott, Juan Garza, and Eddie Hernandez for their assistance in monitoring and maintaining the test block								
N (lb/ac)		Soil Type: Hidalgo sandy clay loam								
P2O5 (lb/ac)		Tillage: Conventional tillage, planted on raised beds								
K2O (lb/ac)		Previous Crop: Soybeans - Fall 2015								
Precipitation (in)	24.25	Cooperator: Rio Farms, Inc.								
Irrigation (in)	11.5	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 dpietsch@ag.tamu.edu 979-845-8505								
Herbicide	1 qt/A of Outlook pre-emerge									

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