



Department of Soil and Crop Sciences

# Monte Alto 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)
Golden Acres	G8828	Genuity VT Double PRO	N/A	80	29	27,644	14.2	60.7	195
Golden Acres	G7893	Agrisure Viptera 3111	N/A	81	29	25,550	13.1	56.7	189
Dyna-Gro	D57VP51	Genuity VT Triple PRO	N/A	80	28	27,644	13.7	59.2	186
REV	25BHR26	Optimum Intrasect	N/A	82	28	28,900	13.6	59.1	184
Integra	9678	Genuity VT Triple PRO	N/A	77	27	28,063	13.3	59.0	182
Progeny	PGY6119	Genuity VT Double PRO	N/A	79	30	27,141	14.0	60.8	181
REV	26LPR50	Leptra	N/A	84	28	27,057	13.9	61.3	181
Pioneer	P1395	Optimum Intrasect	N/A	81	28	27,560	13.7	59.1	180
DEKALB	DKC 64-69	Genuity VT Triple PRO	N/A	80	32	26,974	13.7	58.9	180
Dyna-Gro	D56VP46	Genuity VT Triple PRO	N/A	77	29	26,974	13.9	58.6	179
REV	23LPR55	Leptra	N/A	84	30	27,225	13.1	56.3	179
Golden Acres	G6708	Genuity VT Double PRO	N/A	78	28	28,230	13.6	59.2	178
Integra	6647	N/A	N/A	78	27	28,482	13.9	58.0	178
Progeny	PGY6116	Genuity VT Double PRO	N/A	79	28	26,471	13.3	57.9	177
Progeny	EXP1715	Genuity SmartStax	N/A	79	31	28,146	14.2	59.1	173
Progeny	EXP1716	Genuity VT Double PRO	N/A	81	28	26,806	14.3	61.1	173
Golden Acres	G6792	SmartStax	N/A	82	35	27,057	13.1	60.1	171
Integra	6533	N/A	N/A	78	29	27,560	13.6	59.5	171
Texas A&M AgriLife Research	TST1/TX779	BGTCBLL	N/A	83	31	22,618	14.1	58.2	169
Texas A&M AgriLife Research	TST2/TX777	RR2	N/A	89	36	24,963	14.1	59.1	168
Progeny	EXP1726	Genuity VT Double PRO	N/A	77	26	27,560	13.2	59.0	166

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



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NK	N78S	Agrisure Viptera 3111	N/A	80	28	26,387	13.3	56.7	165
Integra	6400	N/A	N/A	75	26	28,733	13.4	56.9	162
Progeny	PGY7215	Genuity VT Double PRO	N/A	79	28	23,037	14.0	59.1	158
Texas A&M AgriLife Research	TST2/TX779	RR2	N/A	87	38	21,780	14.0	61.4	157
Dyna-Gro	D54VC52	Genuity VT Double PRO	N/A	79	29	25,717	13.7	59.1	156
Dyna-Gro	58SS65	Genuity SmartStax	N/A	75	26	26,555	14.1	59.7	153
Anzu Genetica	AG 1911	Conventional	N/A	85	32	24,963	14.2	58.0	141
Anzu Genetica	AG 2525	N/A	N/A	83	33	25,633	15.7	58.2	138
NK	N76A	Agrisure 3000GT	N/A	80	26	25,298	13.3	54.4	132
Anzu Genetica	MA-9035	N/A	N/A	82	31	20,188	15.1	59.3	121
Progeny	PGY5115	Genuity VT Double PRO	N/A	73	23	26,890	13.6	57.7	119
Anzu Genetica	AG 9002	N/A	N/A	85	34	18,429	15.4	59.2	116
Integra	6273	N/A	N/A	72	22	26,806	13.3	56.8	102

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<b>Agronomic information</b>									
Plant Date	<input type="text" value="2/14/2017"/>	Mean	<input type="text"/>	<input type="text" value="80"/>	<input type="text" value="29"/>	<input type="text" value="26,148"/>	<input type="text" value="13.8"/>	<input type="text" value="58.7"/>	<input type="text" value="164"/>
Harvest Date	<input type="text" value="7/11/2017"/>	C.V. %	<input type="text"/>	<input type="text" value="3.3"/>	<input type="text" value="10.2"/>	<input type="text" value="5.4"/>	<input type="text" value="4.8"/>	<input type="text" value="1.6"/>	<input type="text" value="11.1"/>
Irrigated	<input type="text" value="Yes"/>	P>f (hybrid)	<input type="text"/>	<input type="text" value="0.000"/>	<input type="text" value="0.000"/>	<input type="text" value="0.000"/>	<input type="text" value="0.000"/>	<input type="text" value="0.000"/>	<input type="text" value="0.000"/>
Row Spacing (in)	<input type="text" value="30"/>	L.S.D.	<input type="text"/>	<input type="text" value="3.7"/>	<input type="text" value="4.2"/>	<input type="text" value="1,994.7"/>	<input type="text" value="1.0"/>	<input type="text" value="1.4"/>	<input type="text" value="26.4"/>
Number of Rows	<input type="text" value="2"/>	<b>Trial Notes</b>							
Seeds per Acre	<input type="text" value="30,000"/>	<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%; border: 1px solid gray; padding: 5px;"> <p>Cooperator <input type="text" value="Rio Farms"/></p> </div> <div style="width: 35%; border: 1px solid gray; padding: 5px;"> <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 ronschnell@tamu.edu 979-845-2935</p> </div> </div>							
N (lb/ac)	<input type="text"/>								
P2O5 (lb/ac)	<input type="text"/>								
K2O (lb/ac)	<input type="text"/>								
Precipitation (in)	<input type="text" value="11.61"/>								
Irrigation (in)	<input type="text"/>	Soil Type	<input type="text"/>						
Herbicide	<input type="text"/>	Tillage	<input type="text"/>						
		Previous Crop	<input type="text"/>						

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