

Monte Alto 2023 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 68-35VT2	Genuity VT Double PRO	63	84	29	30,380	12.9	60.6	204
Integra	6624	Genuity Trecepta	60	84	31	32,502	12.7	60.1	193
Integra	CX301119	Genuity VT Double PRO	62	86	34	32,251	12.5	59.6	192
DEKALB	DKC 69-99TRE	Genuity Trecepta	62	83	31	30,492	13.5	61.0	185
Dyna-Gro	D56TC44	Genuity Trecepta	61	82	28	30,576	12.5	59.8	184
Dyna-Gro	D57VC51	Genuity VT Double PRO	61	81	31	28,984	12.8	59.3	181
Integra	6342	Genuity Trecepta	60	78	28	30,660	12.0	58.4	180
LG Seeds	64C30TRC	Genuity Trecepta	59	81	30	29,822	12.3	59.8	175
LG Seeds	65C14TRC	Genuity Trecepta	62	82	28	29,487	12.4	58.9	171
Integra	6641SS	SmartStax	60	76	31	30,743	13.1	59.9	170
Dyna-Gro	D57TC29	Genuity Trecepta	61	87	29	28,817	12.0	58.6	167
LG Seeds	66C06VT2P	Genuity VT Double PRO	61	87	33	31,330	12.2	57.5	164
Integra	6493	Genuity Trecepta	61	80	32	30,324	12.4	60.7	162
Dyna-Gro	D54VC14	Genuity VT Double PRO	59	78	28	28,398	12.0	58.1	158
Integra	6533VT	Genuity VT Double PRO	59	73	27	30,995	12.5	59.9	156
Integra	6410	SmartStax	60	74	28	31,413	12.1	60.0	156
Dyna-Gro	D58VC65	Genuity VT Double PRO	60	75	24	28,314	12.5	60.7	151
Stine	9752-32	Agrisure Duracade Viptera	63	78	29	29,906	11.1	54.9	125

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



Monte Alto 2023 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)		
Agronomic information			Mean	61	80	29	30,300	12.4	59.3	171	
Plant Date	2/26/2023		C.V. %	2.4	3.9	9.6	4.3	1.6	1.0	5.4	
Harvest Date	7/5/2023		P>f (hybrid)	0.002	0.000	0.002	0.000	0.000	0.000	0.000	
Irrigated	Yes		L.S.D.	2.1	4.5	4.0	1,872.6	0.3	0.9	13.5	
Row Spacing (in)	30		Trial Notes							Cooperator	Texas AgriScience
Number of Rows	2		*Trial was pre-watered							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 a SRES Advanced planter with Monosem units. Plots were harvested with a JD 3300 plot combine fitted with a Harvest Master GrainGage System. Precipitation data was recorded from planting date through the harvest date.	
Target Seeds per Acre	30,000									For additional information contact: Dr. Ronnie Schnell / Katrina Horn ronnie.schnell@ag.tamu.edu / katrina.horn@ag.tamu.edu 979-845-2935 / 979-845-8505	
Precipitation (in)	10.7										
Irrigation (in)	0										
Herbicide	1.5 lb/ac Atrazine + 1.66 pt/ac S-Metolachlor										
Soil Type	Racombes sandy clay loam		Fertilizer Applied			Soil Analysis Report**					
Tillage	Conventional		N (lb/ac)	165	NO3-N (ppm)		pH				
Previous Crop	Cotton		P2O5 (lb/ac)	66	P (ppm)*		Conductivity (umho/cm)				
			K2O (lb/ac)	0	K (ppm)*		Ca (ppm)*				
			S (lb/ac)	0	S (ppm)*		Mg (ppm)*				
			Zn (lb/ac)	0			Na (ppm)*				

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

Corn

Monte Alto

Multi-Year Summary



Company	Brand	Hybrid	2 YR AVG Yield bu/Acre	3 YR AVG Yield bu/Acre
Bayer	DEKALB	DKC 69-99TRE	191	167
Wilbur-Ellis Company	Integra	6342	176	156
Wilbur-Ellis Company	Integra	6641SS	175	154
Nutrien Ag	Dyna-Gro	D57VC51	174	161
Nutrien Ag	Dyna-Gro	D57TC29	173	158
LG Seeds	LG Seeds	64C30TRC	171	152
LG Seeds	LG Seeds	65C14TRC	170	
Wilbur-Ellis Company	Integra	6533VT	161	149
Wilbur-Ellis Company	Integra	6410	156	145
Nutrien Ag	Dyna-Gro	D54VC14	153	141

Evaluation of yield across years and/or locations will provide the best indication of consistent hybrid performance. Only hybrids with two years data at each location are displayed.