

# Wharton 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	73	92	32	21,726	14.3	60.2	181
Dyna-Gro	D54VC14	Genuity VT Double PRO	72	86	28	21,834	12.0	59.7	177
Innvictis	A1542T	Genuity Trecepta	71	89	29	22,107	12.7	58.8	176
Dyna-Gro	D56TC44	Genuity Trecepta	71	88	30	22,216	12.4	58.6	174
Innvictis	A1792T	Genuity Trecepta	74	90	31	23,087	15.0	60.2	171
Progeny	PGY9117VT2P	Genuity VT Double PRO	72	90	31	22,107	13.1	59.8	171
Innvictis	A1689T	Genuity Trecepta	74	87	29	23,032	12.9	60.2	169
Dyna-Gro	D57TC29	Genuity Trecepta	70	94	31	22,869	12.2	58.0	169
Dyna-Gro	D58VC65	Genuity VT Double PRO	73	86	25	21,943	12.9	60.3	168
LG Seeds	66C06VT2P	Genuity VT Double PRO	72	91	28	21,889	11.7	58.2	167
Dyna-Gro	D57VC51	Genuity VT Double PRO	72	91	33	22,542	12.1	58.7	167
DEKALB	DKC 69-99TRE	Genuity Trecepta	72	88	33	22,270	15.0	60.6	167
LG Seeds	67C07VT2PRO	Genuity DG VT Double PRO	71	88	34	21,671	13.8	60.2	167
LG Seeds	64C30TRC	Genuity Trecepta	70	86	36	21,780	11.7	58.6	167
LG Seeds	65C14TRC	Genuity Trecepta	70	88	29	21,780	13.4	57.3	164
Innvictis	A1551VT2P	Genuity VT Double PRO	70	86	31	24,012	13.1	57.6	163
Golden Harvest	G15J91	Agrisure Viptera	71	95	29	22,760	11.2	57.5	161
Golden Harvest	G14B65	Agrisure Duracade Viptera	74	95	31	24,394	10.7	56.6	158
Stine	9818-32	Agrisure Duracade Viptera	73	96	31	22,216	11.4	57.6	155
Golden Harvest	G16Q82	Agrisure Duracade Viptera	73	95	27	23,522	11.0	57.4	155
Progeny	PGY2118VT2P	Genuity VT Double PRO	73	86	30	21,290	16.3	60.3	153

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



TEXAS A&M UNIVERSITY  
Soil & Crop Sciences

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Progeny	PGY2215TRE	Genuity Trecepta	72	90	33	21,943	14.3	58.5	153
Golden Harvest	G17B31	Agrisure Viptera	74	85	31	21,181	11.2	57.3	134
Stine	9752-32	Agrisure Duracade Viptera	75	82	27	21,399	9.8	56.0	127

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<b>Agronomic information</b>			Mean	72	89	30	22,315	12.7	58.7	163	
Plant Date	<input type="text" value="3/2/2023"/>		C.V. %	1.7	4.1	8.9	4.6	5.6	0.9	6.4	
Harvest Date	<input type="text" value="7/21/2023"/>		P>f (hybrid)	0.000	0.000	0.000	0.001	0.000	0.000	0.000	
Irrigated	<input type="text" value="No"/>		L.S.D.	1.8	5.2	3.8	1,447.4	1.0	0.7	10.3	
Row Spacing (in)	<input type="text" value="40"/>		<b>Trial Notes</b>							Cooperator <input type="text" value="Larry Kalina"/>	
Number of Rows	<input type="text" value="2"/>		<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 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.</p> <p>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</p>								
Target Seeds per Acre	<input type="text" value="24,000"/>										
Precipitation (in)	<input type="text" value="16.16"/>										
Irrigation (in)	<input type="text"/>										
Herbicide	<input type="text"/>		<p>* Mehlich 3 by ICP, soiltesting.tamu.edu ** Samples collected at planting, some locations may have applied fertilizer</p>								
Soil Type	<input type="text" value="Clemville silty clay loam"/>		<b>Fertilizer Applied</b>			<b>Soil Analysis Report**</b>					
Tillage	<input type="text" value="Conventional"/>		N (lb/ac)	<input type="text"/>	NO3-N (ppm)	<input type="text" value="46"/>	pH	<input type="text" value="7.8"/>			
Previous Crop	<input type="text" value="Corn"/>		P2O5 (lb/ac)	<input type="text"/>	P (ppm)*	<input type="text" value="11"/>	Conductivity (umho/cm)	<input type="text" value="114"/>			
			K2O (lb/ac)	<input type="text"/>	K (ppm)*	<input type="text" value="142"/>	Ca (ppm)*	<input type="text" value="18,774"/>			
			S (lb/ac)	<input type="text"/>	S (ppm)*	<input type="text" value="100"/>	Mg (ppm)*	<input type="text" value="273"/>			
			Zn (lb/ac)	<input type="text"/>			Na (ppm)*	<input type="text" value="16"/>			

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# Corn Wharton Multi-Year Summary



Company	Brand	Hybrid	2 YR AVG Yield bu/Acre	3 YR AVG Yield bu/Acre
Nutrien Ag	Dyna-Gro	D54VC14	136	149
Bayer	DEKALB	DKC 69-99TRE	133	148
Progeny Ag Products	Progeny	PGY9117VT2P	132	
LG Seeds	LG Seeds	64C30TRC	129	143
Nutrien Ag	Dyna-Gro	D57TC29	129	141
Nutrien Ag	Dyna-Gro	D57VC51	128	146
LG Seeds	LG Seeds	67C07VT2PRO	119	
Progeny Ag Products	Progeny	PGY2215TRE	117	
Progeny Ag Products	Progeny	PGY2118VT2P	117	136
LG Seeds	LG Seeds	65C14TRC	116	

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.