



TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Wharton 2024 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)
Integra	6915TRE	Genuity Trecepta	68	79	30	23,014	13.8	57.7	163
DEKALB	DKC 68-35VT2	Genuity VT Double PRO	69	74	24	22,923	13.8	59.0	160
Dyna-Gro	D54VC14	Genuity VT Double PRO	65	73	27	22,706	13.7	58.8	154
Integra	6641SS	SmartStax	67	75	29	22,488	13.9	59.1	152
Progeny	PGY 2314TRE	Genuity Trecepta	67	74	28	22,760	13.9	57.9	148
Innvictis	A1689T	Genuity Trecepta	67	72	25	23,032	13.6	60.2	146
Dyna-Gro	D54SS74RIB	Genuity SmartStax RIB Com	66	74	31	23,014	13.9	58.4	143
Integra	6864R	RR2	67	73	29	22,651	13.7	59.5	142
Dyna-Gro	D58TC94	Genuity Trecepta	68	78	33	23,377	13.7	60.4	141
Innvictis	A1792T	Genuity Trecepta	67	77	33	22,724	13.8	60.0	140
DEKALB	DKC 69-99TRE	Genuity Trecepta	67	76	33	22,760	13.9	59.9	139
Dyna-Gro	D56TC44	Genuity Trecepta	67	77	31	22,488	13.9	58.4	139
Integra	6624TRE	Genuity Trecepta	65	76	29	23,087	14.0	57.8	138
Innvictis	A1542T	Genuity Trecepta	65	75	29	22,379	13.9	58.3	137
Integra	6493VT2P	Genuity VT Double PRO	67	76	32	22,815	13.7	58.2	132
Progeny	PGY 2118VT2P	Genuity VT Double PRO	67	72	29	21,290	13.8	61.2	131
Integra	6342TRE	Genuity Trecepta	65	71	28	22,161	13.3	58.2	126
Innvictis	A1292VT2PRIB	Genuity VT Double PRO RIB	67	73	28	22,488	13.4	59.7	125
Innvictis	A1551VT2P	Genuity VT Double PRO	67	77	30	23,087	13.6	57.7	124
Progeny	PGY 9117VT2P	Genuity VT Double PRO	67	73	28	21,834	13.6	59.6	124
Progeny	PGY 2215TRE	Genuity Trecepta	66	76	30	22,978	13.8	59.1	123

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



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Dyna-Gro	D57TC29	Genuity Trecepta	66	77	28	22,488	13.9	56.4	108

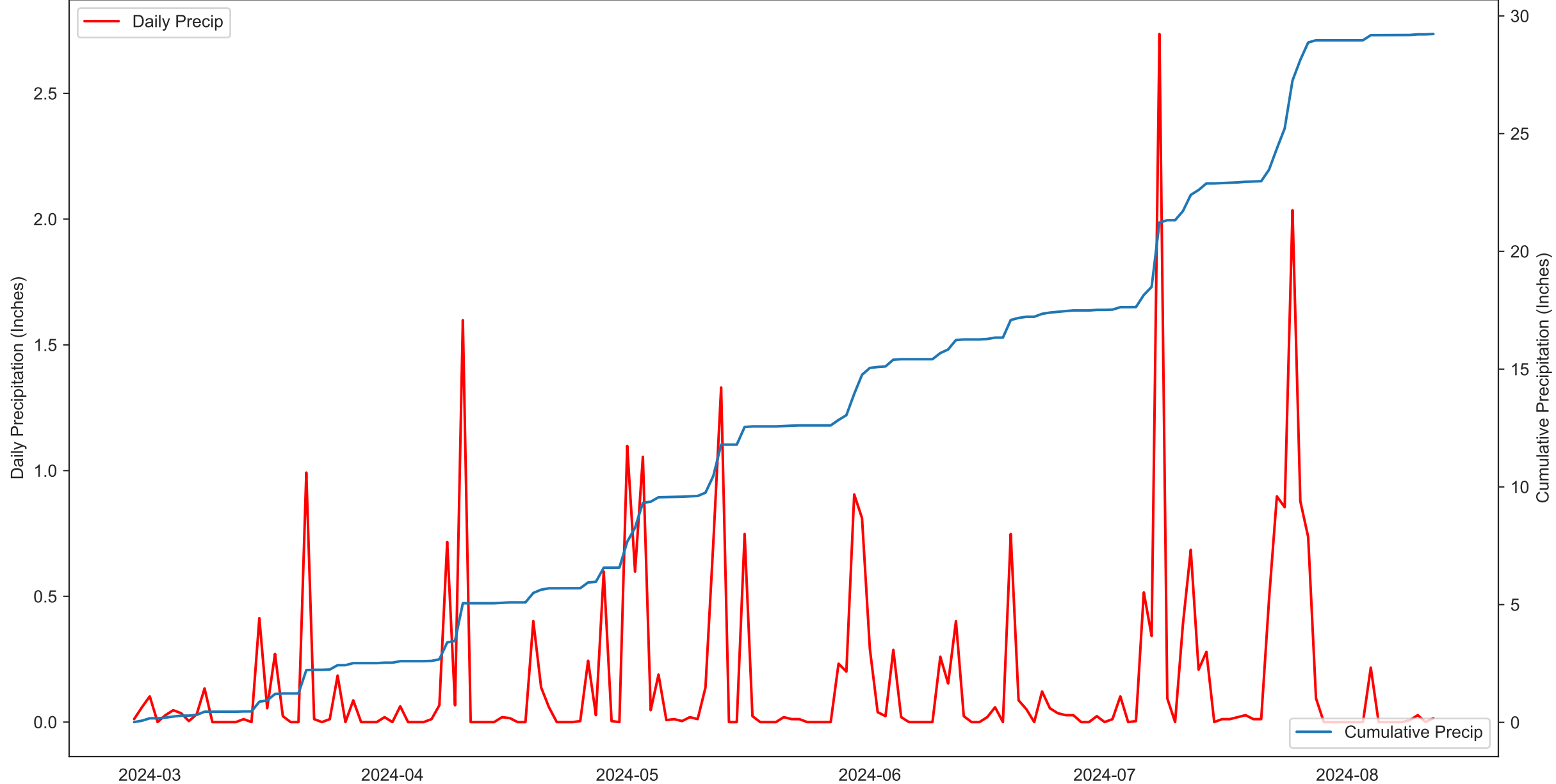
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Agronomic information			Mean	67	75	29	13.7	58.9	138
Plant Date	<input type="text" value="2/28/2024"/>		C.V. %	1.0	3.9	10.3	2.3	1.7	12.5
Harvest Date	<input type="text" value="8/12/2024"/>		P>f (hybrid)	0.000	0.008	0.002	0.245	0.000	0.004
Irrigated	<input type="text" value="No"/>		L.S.D.	1.0	4.1			1.4	24.6
Row Spacing (in)	<input type="text" value="40"/>		Trial Notes						
Number of Rows	<input type="text" value="2"/>		<div style="border: 1px solid gray; height: 100px; width: 100%;"></div> <div style="border: 1px solid gray; height: 60px; width: 100%;"></div> <p style="font-size: small; margin-top: 5px;">* Mehlich 3 by ICP, soiltesting.tamu.edu ** Samples collected at planting, some locations may have applied fertilizer</p>						
Target Seeds per Acre	<input type="text" value="24,000"/>								
Precipitation (in)	<input type="text" value="29.23"/>								
Irrigation (in)	<input type="text"/>								
Herbicide	<input type="text"/>								
			Cooperator				<input type="text" value="Larry & Clint Kalina"/>		
			<p>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.</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>						
Soil Type	<input type="text" value="Clemville silty clay loam"/>		Fertilizer Applied			Soil Analysis Report**			
Tillage	<input type="text" value="Conventional"/>		N (lb/ac)	<input type="text"/>	NO3-N (ppm)	<input type="text" value="29"/>	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="15"/>	Conductivity (umho/cm)	<input type="text" value="100"/>	
			K2O (lb/ac)	<input type="text"/>	K (ppm)*	<input type="text" value="222"/>	Ca (ppm)*	<input type="text" value="17,984"/>	
			S (lb/ac)	<input type="text"/>	S (ppm)*	<input type="text" value="124"/>	Mg (ppm)*	<input type="text" value="295"/>	
			Zn (lb/ac)	<input type="text"/>			Na (ppm)*	<input type="text" value="26"/>	

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2024 Wharton Corn



Corn Wharton Multi-Year Summary



Company	Brand	Hybrid	2 YR AVG Yield bu/Acre	3 YR AVG Yield bu/Acre
Bayer	DEKALB	DKC 68-35VT2	171	
Nutrien Ag	Dyna-Gro	D54VC14	164	142
Innvictis Seed Solutions	Innvictis	A1689T	157	
Innvictis Seed Solutions	Innvictis	A1792T	156	
Innvictis Seed Solutions	Innvictis	A1542T	155	
Bayer	DEKALB	DKC 69-99TRE	154	135
Nutrien Ag	Dyna-Gro	D56TC44	154	
Progeny Ag Products	Progeny	PGY 9117VT2P	142	129
Progeny Ag Products	Progeny	PGY 2118VT2P	142	121
Innvictis Seed Solutions	Innvictis	A1551VT2P	142	
Progeny Ag Products	Progeny	PGY 2215TRE	140	119
Nutrien Ag	Dyna-Gro	D57TC29	138	122

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.