

Spearman 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)
Dyna-Gro	D58TC94	Genuity Trecepta	N/A	106	48	31,557	17.6	59.4	281
Integra	6342TRE	Genuity Trecepta	N/A	103	44	31,266	14.4	59.0	276
Innvictis	A1292VT2PRIB	Genuity VT Double PRO RIB	N/A	106	45	30,710	14.5	60.0	272
Dyna-Gro	D60TC45	Genuity Trecepta	N/A	110	52	31,508	17.2	57.8	270
Croplan	CP5363TRE	Genuity Trecepta	N/A	108	45	29,815	16.4	58.0	269
DEKALB	DKC 70-45VT2	Genuity VT Double PRO	N/A	110	46	27,080	18.6	58.5	268
Dyna-Gro	D56TC44	Genuity Trecepta	N/A	107	45	29,693	15.9	59.0	267
Croplan	CP5760TRE	Genuity Trecepta	N/A	110	45	31,557	17.6	57.3	267
DEKALB	DKC 113-83	Genuity Trecepta	N/A	107	43	30,855	15.0	59.3	267
Integra	6493VT2P	Genuity VT Double PRO	N/A	109	47	29,693	15.9	58.9	266
Integra	6915TRE	Genuity Trecepta	N/A	109	50	30,821	17.8	58.1	264
Integra	6624TRE	Genuity Trecepta	N/A	110	47	29,166	16.0	58.6	260
DEKALB	DKC 68-35VT2	Genuity VT Double PRO	N/A	108	46	29,972	16.6	60.2	260
DEKALB	DKC 114-99	VT4PRO with RNAi	N/A	107	48	28,822	16.7	58.4	259
Innvictis	A1551VT2P	Genuity VT Double PRO	N/A	104	45	30,492	15.5	57.4	258
Innvictis	A1542T	Genuity Trecepta	N/A	108	46	28,072	15.7	58.5	256
Innvictis	A1689T	Genuity Trecepta	N/A	106	47	29,963	16.5	59.7	256
DEKALB	DKC 117-78	Genuity VT Double PRO	N/A	109	49	28,895	16.2	59.8	254
DEKALB	DKC 69-99TRE	Genuity Trecepta	N/A	110	49	28,750	17.4	59.4	253
Dyna-Gro	D57TC29	Genuity Trecepta	N/A	110	42	30,879	18.6	56.8	252
Integra	6244PCE	Powercore	N/A	107	46	31,726	14.7	58.5	251

*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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Integra	6641SS	SmartStax	N/A	106	47	30,202	18.8	57.0	251
Innvictis	A1792T	Genuity Trecepta	N/A	109	50	28,604	17.8	59.6	248
Croplan	CP5682TRE	Genuity Trecepta	N/A	110	49	31,291	17.4	57.1	240
Integra	6864R	RR2	N/A	101	43	29,814	17.3	58.5	238
DEKALB	DKC 66-06TRE	Genuity Trecepta	N/A	106	43	29,911	16.3	58.6	225

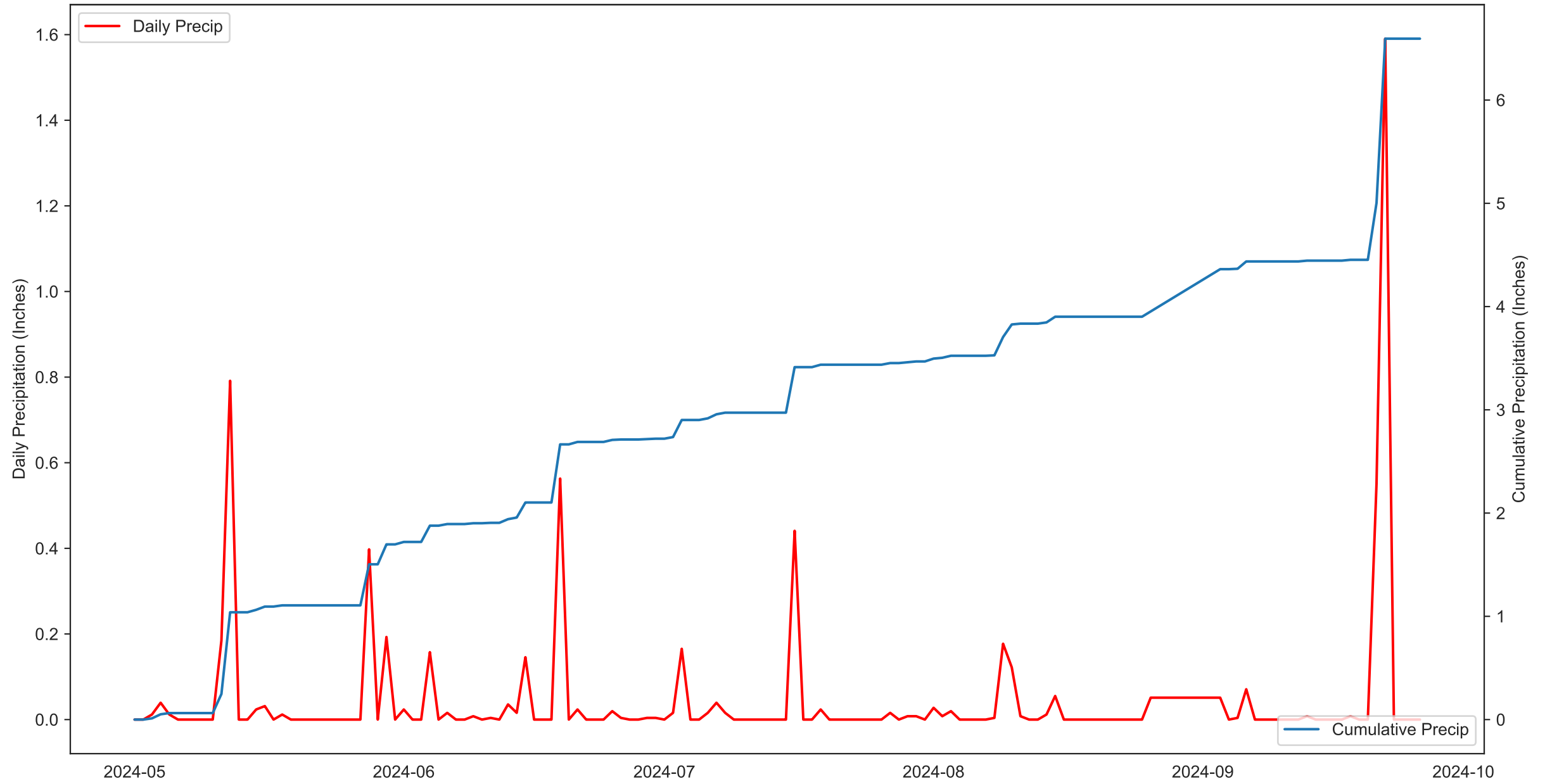
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Agronomic information			Mean	108	46	30,043	16.6	58.6	259
Plant Date	5/1/2024		C.V. %	3.1	7.2	4.4	3.0	1.2	4.9
Harvest Date	9/26/2024		P>f (hybrid)	0.086	0.035	0.001	0.000	0.000	0.001
Irrigated	Yes		L.S.D.		5.2	2,061.4	0.8	1.1	19.9
Row Spacing (in)	30		Trial Notes						
Number of Rows	2		<div style="display: flex; justify-content: space-between;"> <div style="width: 60%; border: 1px solid gray; height: 100px;"></div> <div style="width: 35%; border: 1px solid gray; padding: 5px;"> <p style="text-align: center;">Cooperator Travis Patterson</p> <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> </div> </div>						
Target Seeds per Acre	32,000								
Precipitation (in)	6.59								
Irrigation (in)									
Herbicide			<div style="display: flex; justify-content: space-between;"> <div style="width: 60%; border: 1px solid gray; height: 100px;"></div> <div style="width: 35%; border: 1px solid gray; padding: 5px;"> <p>* Mehlich 3 by ICP, soiltesting.tamu.edu ** Samples collected at planting, some locations may have applied fertilizer</p> </div> </div>						
Soil Type	Perryton silty clay loam		Fertilizer Applied			Soil Analysis Report**			
Tillage	Strip-till		N (lb/ac)		NO3-N (ppm)	29	pH	7.5	
Previous Crop	Wheat		P2O5 (lb/ac)		P (ppm)*	54	Conductivity (umho/cm)	128	
			K2O (lb/ac)		K (ppm)*	815	Ca (ppm)*	3,845	
			S (lb/ac)		S (ppm)*	38	Mg (ppm)*	1,043	
			Zn (lb/ac)				Na (ppm)*	52	

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