



TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Dalhart

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)
Croplan	CP5760TRE	Genuity Trecepta	N/A	112	45	31,557	25.3	53.0	288
Integra	6342TRE	Genuity Trecepta	N/A	104	46	31,073	17.6	57.1	287
Dyna-Gro	D58TC94	Genuity Trecepta	N/A	110	47	30,366	23.9	55.1	281
Integra	6915TRE	Genuity Trecepta	N/A	108	52	33,308	23.0	53.4	280
Dyna-Gro	D60TC45	Genuity Trecepta	N/A	109	51	32,141	23.2	53.7	272
DEKALB	DKC 69-99TRE	Genuity Trecepta	N/A	104	48	30,492	22.2	56.0	269
Integra	6244PCE	Powercore	N/A	106	43	30,008	17.1	57.0	268
Dyna-Gro	D57TC29	Genuity Trecepta	N/A	112	45	31,750	25.9	52.6	263
DEKALB	DKC 113-83	Genuity Trecepta	N/A	109	44	31,436	19.5	56.8	262
Dyna-Gro	D56TC44	Genuity Trecepta	N/A	102	48	31,277	20.3	55.9	261
DEKALB	DKC 66-06TRE	Genuity Trecepta	N/A	108	42	30,782	20.9	55.5	257
DEKALB	DKC 70-45VT2	Genuity VT Double PRO	N/A	104	47	29,040	24.2	54.3	257
DEKALB	DKC 68-35VT2	Genuity VT Double PRO	N/A	102	44	30,536	20.8	56.8	255
Integra	6864R	RR2	N/A	112	47	30,202	24.6	53.4	254
DEKALB	DKC 114-99	VT4PRO with RNAi	N/A	104	54	31,291	21.0	56.2	253
Integra	6493VT2P	Genuity VT Double PRO	N/A	103	46	30,589	20.2	56.2	253
Croplan	CP5363TRE	Genuity Trecepta	N/A	104	43	30,535	21.2	55.5	253
Integra	6624TRE	Genuity Trecepta	N/A	106	44	29,819	21.0	55.5	253
Integra	6641SS	SmartStax	N/A	104	45	30,879	20.4	54.9	247
Croplan	CP5682TRE	Genuity Trecepta	N/A	109	47	33,106	23.2	53.6	238
DEKALB	DKC 117-78	Genuity VT Double PRO	N/A	104	46	27,733	20.6	56.4	213

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

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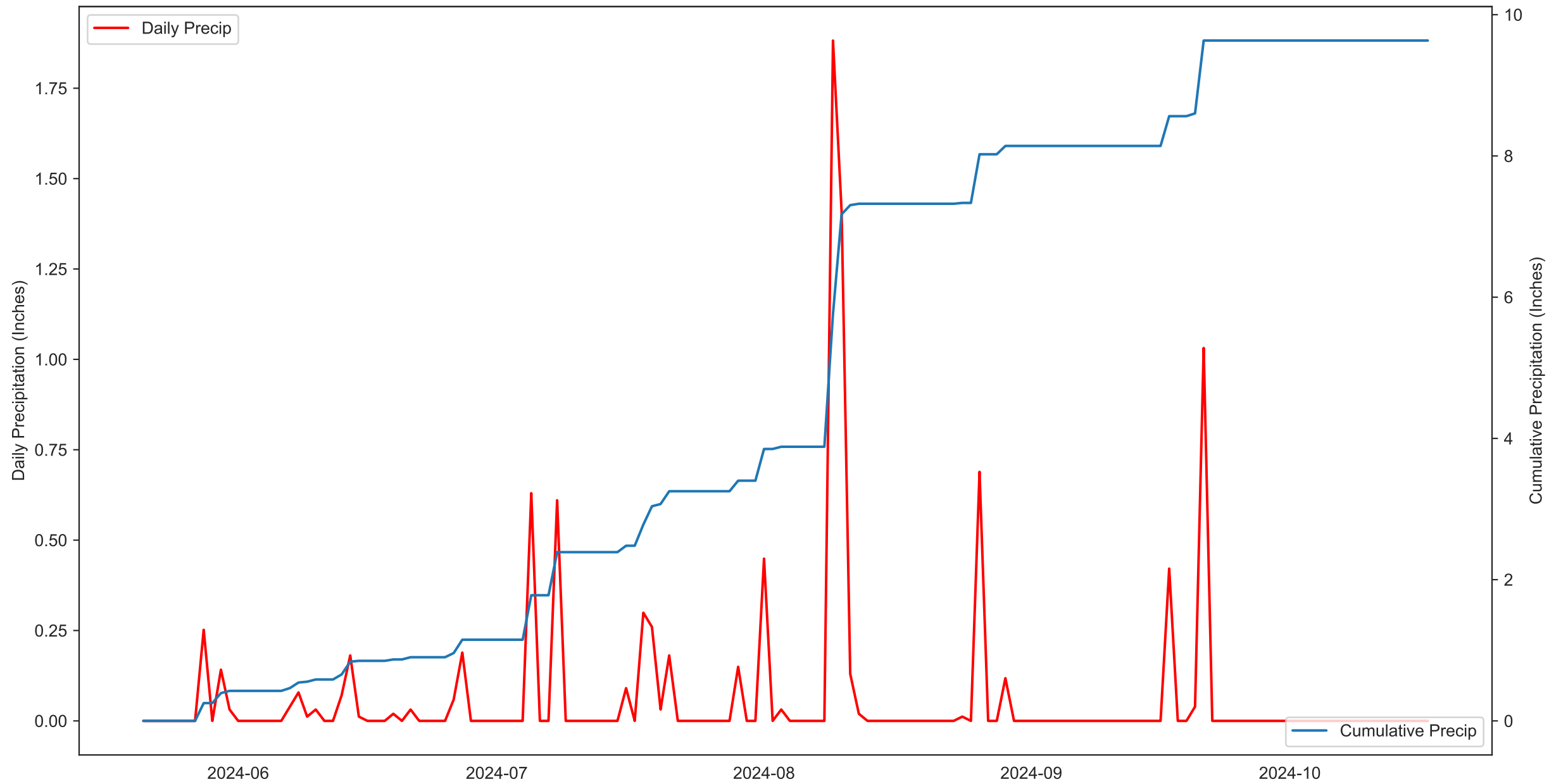
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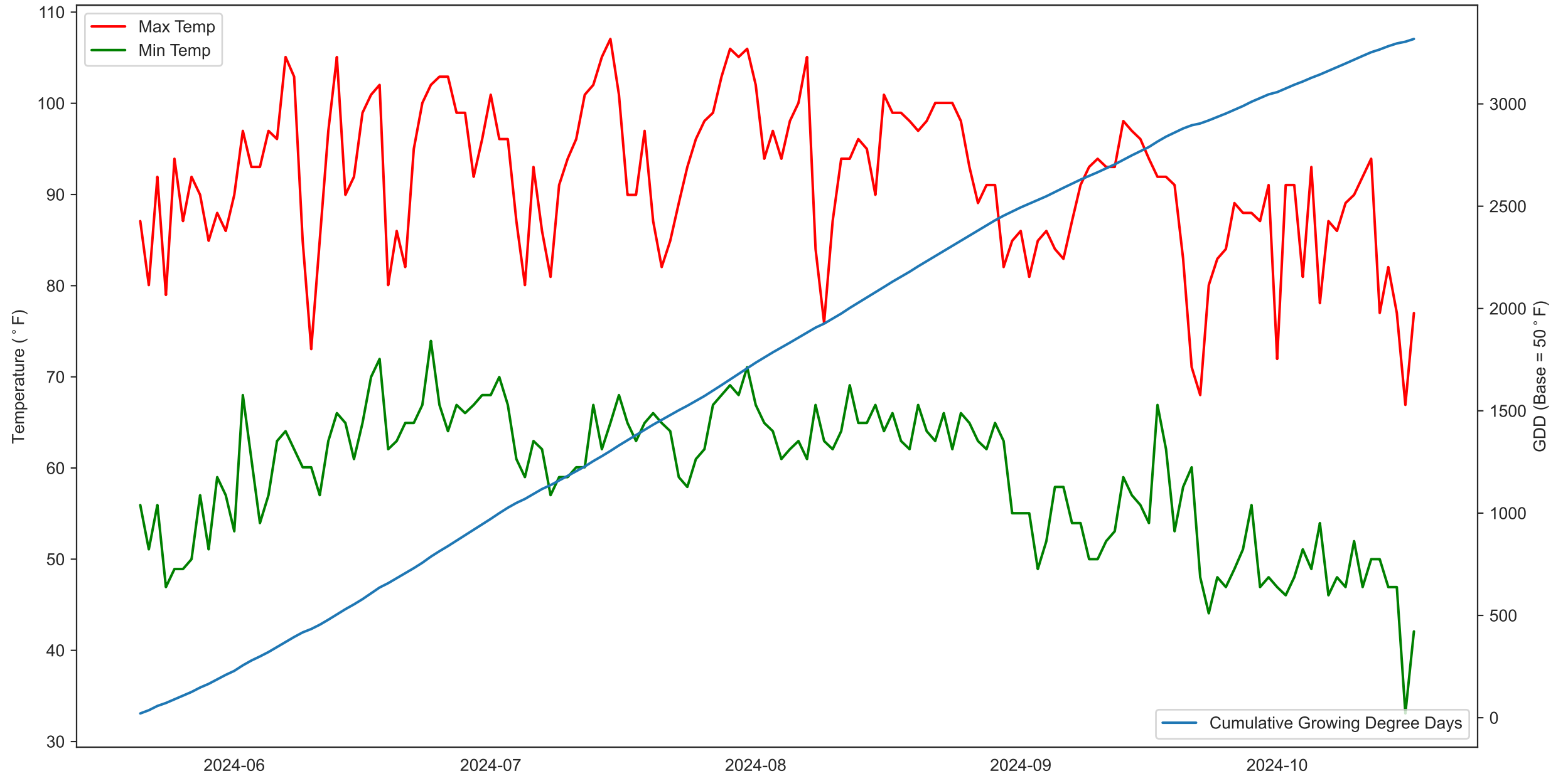
Brand	Hybrid	GE Trait(s)	Days to 50% Silk	Plant Height (in)	Ear Height (in)	Plants per Acre	Moisture %	Test Weight (lb/bu)	Yield (bu/acre)
Agronomic information			Mean	107	46	30,853	21.7	55.2	260
Plant Date	5/21/2024		C.V. %	4.4	7.3	3.4	6.1	1.1	7.8
Harvest Date	10/17/2024		P>f (hybrid)	0.092	0.001	0.000	0.000	0.000	0.018
Irrigated	Yes		L.S.D.	7.1	5.2	3.4	2.0	0.9	31.2
Row Spacing (in)	30		Trial Notes						
Number of Rows	2		<div style="border: 1px solid gray; padding: 5px; min-height: 100px;"> <p>Cooperator Evan Dewey</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 Zurn 160 plot combine fitted with a Harvest Master H3 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 979-321-5939 / 979-845-8505</p> </div>						
Target Seeds per Acre	32,000								
Precipitation (in)	9.63		<p>* Mehlich 3 by ICP, soiltesting.tamu.edu</p> <p>** Samples collected at planting, some locations may have applied fertilizer</p>						
Irrigation (in)									
Herbicide			Fertilizer Applied			Soil Analysis Report**			
Soil Type	Dallam loamy fine sand		N (lb/ac)		NO3-N (ppm)	106	pH		7.6
Tillage	Strip-till		P2O5 (lb/ac)		P (ppm)*	200	Conductivity (umho/cm)		394
Previous Crop	Wheat		K2O (lb/ac)		K (ppm)*	1,250	Ca (ppm)*		3,763
			S (lb/ac)		S (ppm)*	43	Mg (ppm)*		554
			Zn (lb/ac)				Na (ppm)*		127

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

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Corn Dalhart Multi-Year Summary



Company	Brand	Hybrid	2 YR AVG Yield bu/Acre	3 YR AVG Yield bu/Acre
Wilbur-Ellis Company	Integra	6342TRE	248	
Nutrien Ag	Dyna-Gro	D57TC29	247	
Bayer	DEKALB	DKC 66-06TRE	247	
Bayer	DEKALB	DKC 69-99TRE	243	
Wilbur-Ellis Company	Integra	6624TRE	243	
Nutrien Ag	Dyna-Gro	D56TC44	241	
Bayer	DEKALB	DKC 70-45VT2	239	
Bayer	DEKALB	DKC 68-35VT2	238	
Wilbur-Ellis Company	Integra	6641SS	237	

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.