

## College Station 2024 Grain Sorghum Performance Trial

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)
Dyna-Gro	M67GB87	75	56	7	0	11.7	56.0	7,393
Integra	G3665	73	58	7	0	11.1	54.9	7,332
Dyna-Gro	M62GB36	74	54	7	0	11.3	57.2	7,121
Dyna-Gro	M70GR37	76	58	5	0	11.2	58.1	7,106
Dyna-Gro	M66GR32	75	59	6	0	11.8	58.8	7,019
Dyna-Gro	M71GR91	76	57	7	0	12.7	59.0	6,920
DEKALB	DKS 44-07	74	55	6	0	11.3	58.1	6,771
DEKALB	DKS 40-76	73	56	8	0	11.5	57.2	6,677
Integra	G3640	73	54	7	0	11.2	56.9	6,632
Integra	G3711	76	59	7	0	12.5	58.9	6,496
DEKALB	DKS 54-07	78	57	6	0	11.9	58.2	6,128
Dyna-Gro	M63GB78	72	53	7	0	10.3	55.2	6,088
DEKALB	DKS 36-07	72	57	8	0	10.9	57.1	6,084
DEKALB	DKS 45-60	73	58	9	0	12.3	58.8	5,872
Dyna-Gro	M72GB71	78	59	6	0	12.5	58.4	5,853
Dyna-Gro	M60GB31	76	52	5	0	10.5	57.8	5,410

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



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**Agronomic information**

Plant Date:

Harvest Date:

Irrigated:

Row Spacing (in):

Number of Rows:

Target Seeds per Acre:

Precipitation (in):

Irrigation (in):

Herbicide

Mean	75	56	7	0.0	11.5	57.5	6,556
C.V. %	1.3	3.2	21.7		4.9	1.4	7.4
P>f (hybrid)	0.000	0.000			0.000	0.000	0.000
L.S.D.	1.4	2.6			0.8	1.2	761.7

**Trial Notes**

**Cooperator:**

Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid blk. SAS 9.4 was used for statistical analysis. 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. For additional information contact:

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979-845-2935 / 979-845-8505

\* Mehlich 3 by ICP, soiltesting.tamu.edu  
\*\* Samples collected at planting, some locations may have applied fertilizer

Fertilizer Applied		Soil Analysis Report**	
N (lb/ac)	<input type="text" value="125"/>	NO3-N (ppm)	<input type="text" value="4"/>
P2O5 (lb/ac)	<input type="text" value="36"/>	pH	<input type="text" value="7.9"/>
K2O (lb/ac)	<input type="text" value="0"/>	P (ppm)*	<input type="text" value="39"/>
S (lb/ac)	<input type="text" value="15"/>	K (ppm)*	<input type="text" value="149"/>
Zn (lb/ac)	<input type="text" value="0"/>	S (ppm)*	<input type="text" value="32"/>
		Conductivity (umho/cm)	<input type="text" value="70"/>
		Ca (ppm)*	<input type="text" value="4,882"/>
		Mg (ppm)*	<input type="text" value="157"/>
		Na (ppm)*	<input type="text" value="10"/>

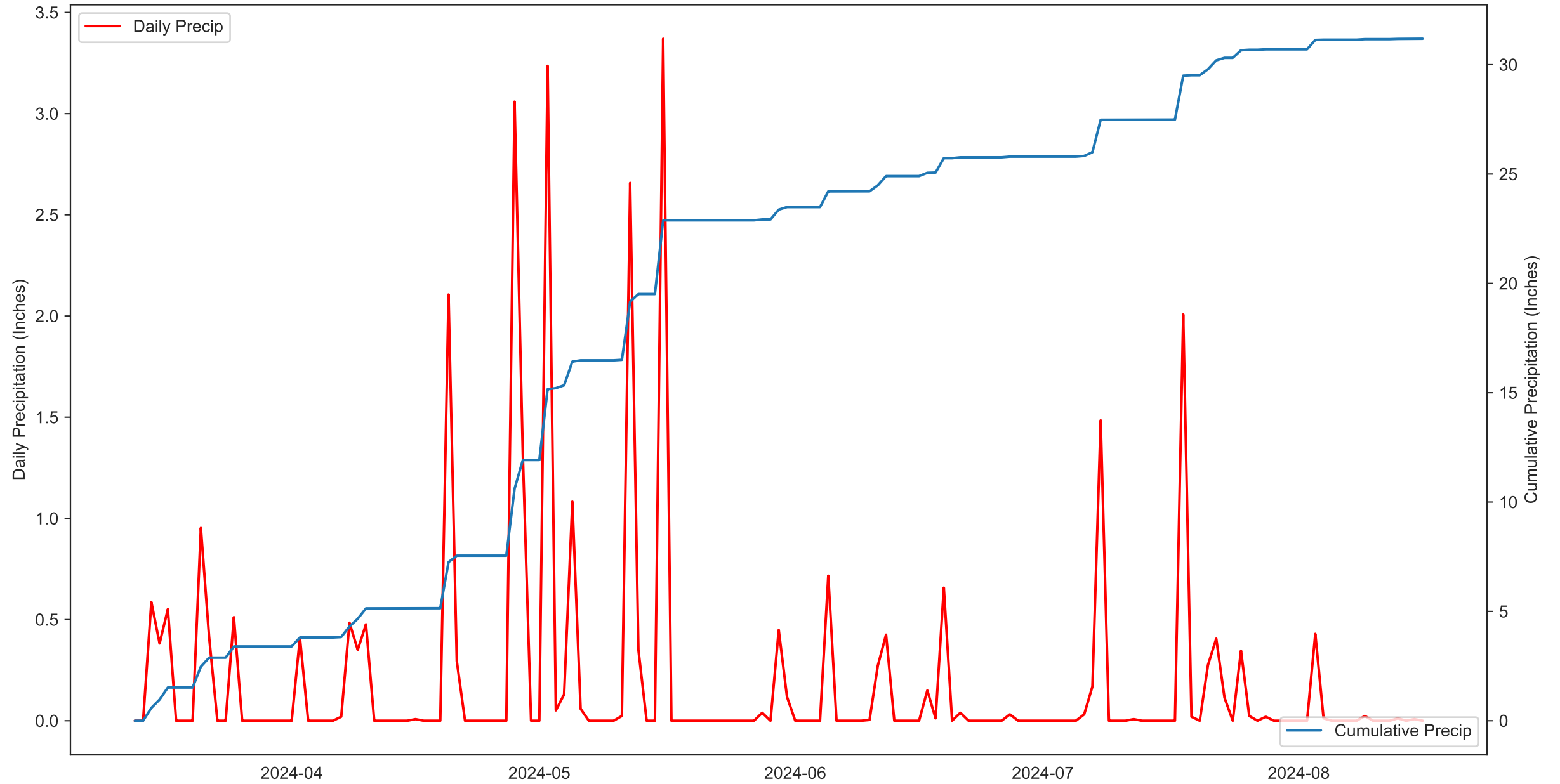
Soil Type:

Tillage:

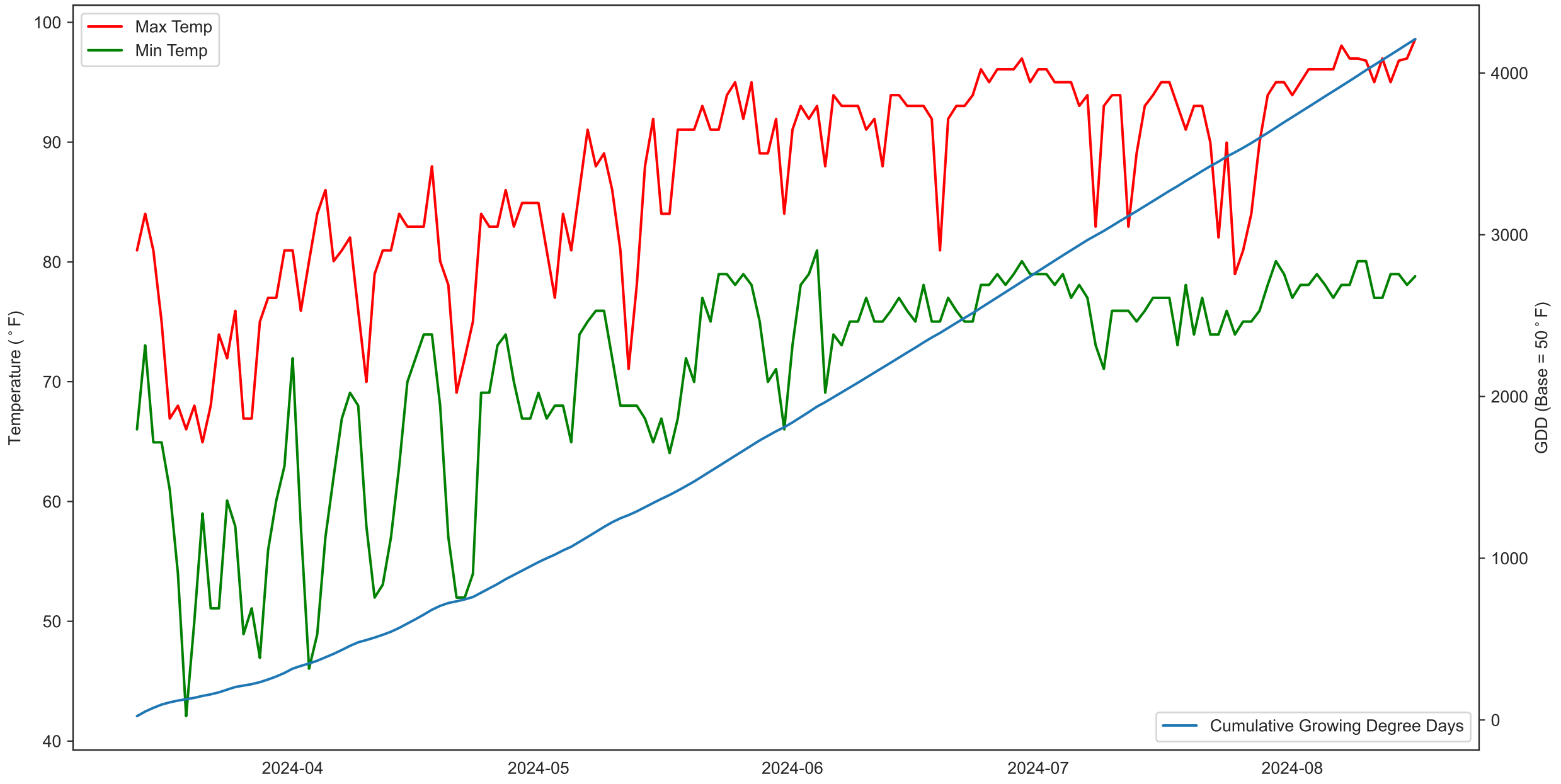
Previous Crop:

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

2024 College Station Grain Sorghum



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# Grain Sorghum College Station Multi-Year Summary



Company	Brand	Hybrid	2 YR AVG Yield lb/Acre	3 YR AVG Yield lb/Acre
Wilbur-Ellis Company	Integra	G3665	7,060	6,205
Wilbur-Ellis Company	Integra	G3711	6,941	5,848
Bayer	DEKALB	DKS 44-07	6,941	6,311
Bayer	DEKALB	DKS 54-07	6,879	5,786
Nutrien Ag	Dyna-Gro	M67GB87	6,786	5,976
Nutrien Ag	Dyna-Gro	M71GR91	6,776	5,835
Wilbur-Ellis Company	Integra	G3640	6,725	
Bayer	DEKALB	DKS 40-76	6,641	5,689
Bayer	DEKALB	DKS 45-60	6,228	5,350
Nutrien Ag	Dyna-Gro	M72GB71	6,086	5,232
Nutrien Ag	Dyna-Gro	M63GB78	5,934	5,143
Nutrien Ag	Dyna-Gro	M60GB31	4,977	4,152

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.