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2025 Texas Grain Sorghum Performance Variety Trials

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The Texas A&M University Systems

2025 TEXAS GRAIN SORGHUM PERFORMANCE VARIETY TRIALS

By

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2025 TEXAS GRAIN SORGHUM PERFORMANCE VARIETY TRIALS

Ronnie Schnell, Katrina Horn, Giordano Fontana, Jake Hances, and W. L. Rooney

Introduction

Texas A&M AgriLife Research conducts grain sorghum performance tests each year to provide growers in Texas with accurate and unbiased information on hybrid performance at locations across the state. Selection of superior hybrids that are well adapted for a given region is essential for maximizing yield and profit.

This year, three irrigated and nine non-irrigated test sites were planted in the major production regions of Texas. Major grain sorghum production regions include the Western Gulf Coastal Plain, Southern Texas Plains, East Central Texas Plains, Texas Blackland Prairies and High Plains. Approximate locations of the 2025 test sites are shown in Figure 1. A total of 212 entries were evaluated across 12 locations representing 39 unique hybrids from 7 commercial seed companies. Commercial seed companies enter hybrids into each trial location at their own discretion.

Performance trials are conducted by personnel from the Crop Testing Program, Texas A&M AgriLife Research, and financed by fees collected from participating commercial seed companies. Test sites are on privately owned farms or at Texas A&M University AgriLife Research Centers. All entries are randomized and replicated four times at each location. All test sites are managed according to practices common to each production region. Field maps and planting plans can be found at the link below shortly after planting. Following harvest, results are statistically analyzed and made available at: http://varietytesting.tamu.edu/grainsorghum/.

Suggestions for Selecting Hybrids and Varieties

Variety or hybrid selection is often the first decision a grower must make each crop year. The goal is to identify hybrids with superior performance (top yielding) for your environment. Many environments exist in Texas with significant variation within regions and across years, mostly due to variation in weather. Documented, consistent yield performance within a region is essential for selecting hybrids that will perform well on your farming operation. This means that evaluation of hybrids over multiple locations and years (when possible) is the best way to predict future performance. Exercise caution when using single location data to compare hybrid performance.

Following yield performance, other characteristics may be useful for selecting the best hybrid. Maturity or days to flowering may be important for selecting hybrids that are appropriate for your growing season/conditions. Typically mid- and full-season hybrids will respond favorably to additional moisture while early or short season hybrids are designed for dryland production with lower moisture requirements. Selecting the wrong maturity hybrid can result in poor yields in dry environments or the inability of a hybrid to produce higher yields if the moisture profile is favorable.

As water becomes more limited, drought tolerance becomes a critical component for production. Most sorghum hybrids possess good levels of pre-flowering drought tolerance, but there is a wide variation for post-flowering drought tolerance, and in most years post flowering drought is more common in Texas. Therefore, producers should ask seed companies for the relative level of post-flowering drought tolerance (or staygreen) their hybrids possess. Producers should realize that plant height and grain yield are correlated and while there are exceptions, taller hybrids generally have higher yield potential. Likewise taller hybrids require greater management, but if they possess good post-flowering drought tolerance (or staygreen) they should have good standability.

Finally, variation for grain quality exists in grain sorghum and there are several hybrids that are now used in food grain markets. A list of these hybrids is provided by the National Grain Sorghum Producers (https://sorghumgrowers.com/). These hybrids have white or cream-colored grain and straw colored glumes with tan plant color. While these hybrids are not suitable in all regions, in certain environments these hybrids yield comparably to traditional hybrids and may provide additional marketing opportunities.

Field-Plot Techniques

Performance trials are conducted at each location using a randomized complete block design with four replications of each entry (hybrid). Plots are generally 2 rows wide with row spacing ranging from 30 to 40 inches depending on location. Population is determined based on the appropriate seeding rate for each production region and cropping system. Seeds are packaged to deliver 30 feet of planted row per plot. Seed is planted using a SRES Advanced research air planter with Monosem units at all sites. Following emergence, alleys are trimmed if necessary for a final plot length of 30 feet with a 4 foot alley. Alleys are maintained free of weeds throughout the growing season through mechanical or chemical control measures.

Cultural and agronomic practices adapted for each region are used as determined by the cooperator. Field data such as plant height, head exertion, and days to 50% flower are recorded at the appropriate times. Additional agronomic information is provided when available. Locations are harvested with a Zurn 160 plot combine equipped with the H3 HarvestMaster Grain Gauge that measures plot weight, test weight, and grain moisture. Field and harvest notes are compiled for each location and results analyzed.

Data Analysis and Reporting

Grain yield and other agronomic data are analyzed using R 4.5. Normality was assessed using the Shapiro–Wilk test and by visual inspection of a histogram with density overlay. Homogeneity of variance among entries was evaluated with Levene's test using hybrid as the grouping factor. For the baseline randomized complete block design (RCBD) analysis, yield was analyzed with a fixed-effects ANOVA model. To account for within-trial spatial dependence, yield was also analyzed using a linear mixed model with entry as a fixed effect, block as a random intercept, and an exponential spatial correlation structure over plot coordinates (X, Y). The model was fit by REML with missing observations removed. RCBD and spatial models were compared using entry p-

values, CV, and AIC, and residual diagnostics were examined using residual plots for both models. In addition, a yield heatmap of plot-level yield was produced using X–Y coordinates to visualize within-field spatial patterns. Adjusted means were estimated with both models. After model selection, mean separation was performed when appropriate. Least Significant Difference (LSD) is a statistical test used that determines the minimum difference between two entries required to be considered having different levels of performance. LSD is provided when hybrid is significant at $p < 0.05$. Yields highlighted in yellow are not statistically different from the top ranked hybrid. All other hybrids followed by the same letter are considered to have similar yield. Differences between entries (yield, plant height, etc.) less than the LSD value represents variation measurements due to factors other than hybrid performance, such as variation in soil type, soil moisture, fertility, insect or disease pressure, planting or harvesting procedures. Although numeric differences in yield or other measurements may exist, if two entries are within the LSD value, they should be considered to have equal performance. The Coefficient of Variation (CV) is used to determine the amount of variability in the data set relative to the mean and can be used to determine if the results are reliable. Generally, CV's greater than 20% indicate that the data is unreliable and is not reported. However, each data set is evaluated individually to determine if results will be reported.

In the 2025 Grain Sorghum Characteristics table, you will find agronomic data submitted by each company for their entries. Agronomic information provided by the companies about their hybrids is found in the list below and include items such as cob color, grain color and genetic traits. Agronomic data measured and collected by the Crop Testing program is described in the section below.

Agronomic Data as designated by each company:

Grain Color: Y = Yellow, W = White, Cm = Cream, R = Red, Bz = Bronze

Plant Color: T = Tan, R = Red, P = Purple.

Maturity Class: Early (E), medium-early (ME), medium (M), medium-late (ML), late (L).

Measured Agronomic Data:

Days to 50% Flowering: the average number of days from planting to the date when 50 percent of the plants within the plot are in some stage of flowering.

Plant Height: the average height in inches from ground to tip of the panicle.

Head Exertion: the average length in inches from the flag leaf to the base of the panicle.

Grain Moisture: the average moisture at harvest as a percent (%).

Test Weight: a measure of bulk grain density and is determined by the seed weight per unit of volume. This is measured at harvest and expressed as pounds per bushel.

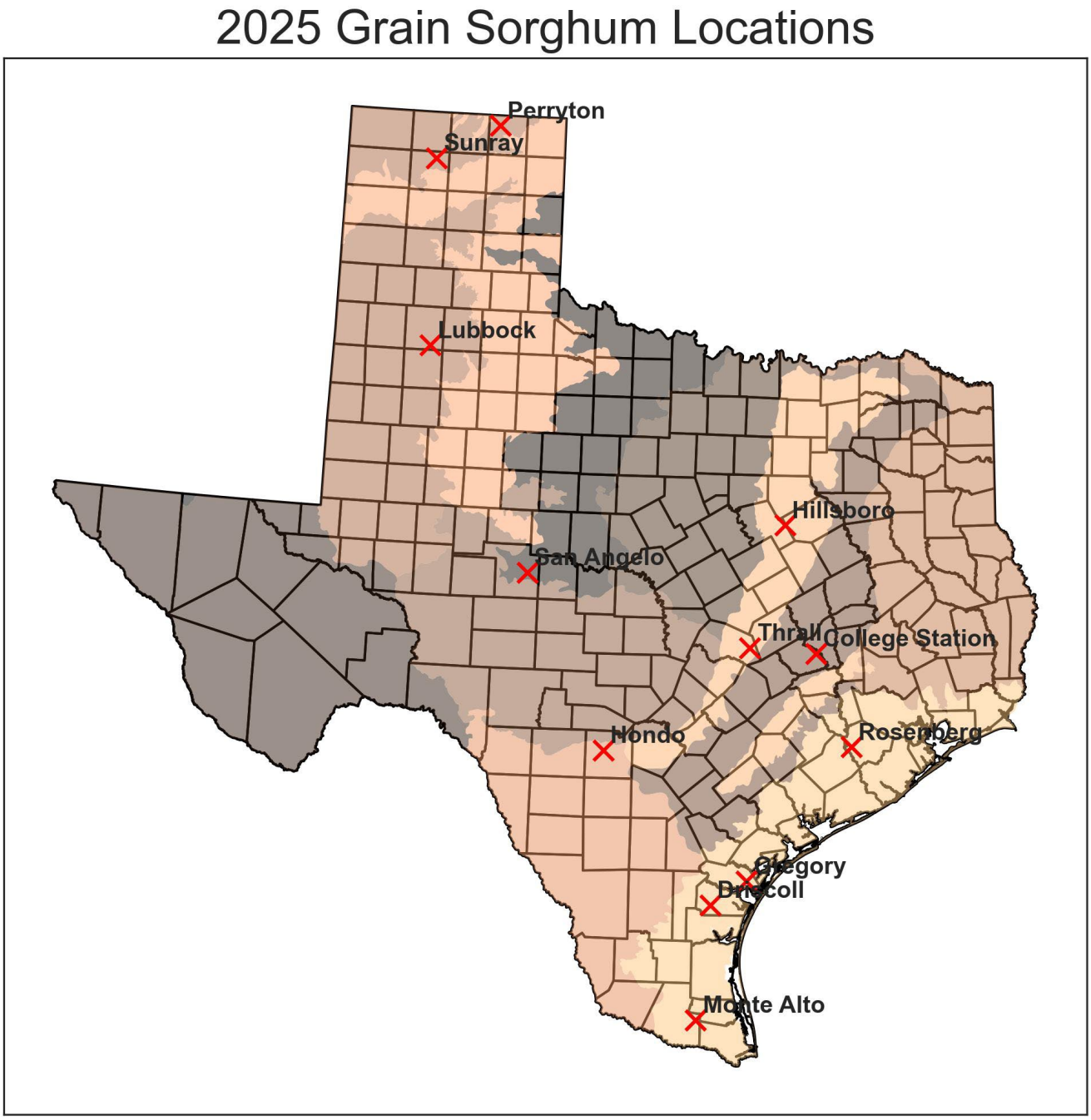
Yield: Standardized to 14% moisture: expressed in pounds per acre (lb/acre) and calculated using [((100 – moisture (%) /86) * yield (lb/acre)].

In addition to individual site performance, information on multi-year performance for each site is provided. Multi-year tables are presented as 2 and 3-year summaries of yield performance data. The entries are ranked according to hybrid performance in the current year. Hybrids must appear in two of the past three years to appear in this report.

Weather Reports

Weather reports are provided for each location. Reports are generated from planting date to date of harvest. The report includes the minimum and maximum temperatures, as well as cumulative precipitation. Weather data is obtained from Meteostat (https://dev.meteostat.net/bulk/) using Python library as an interface to bulk data dumps. Meteostat uses a mix of NOAA observations and model data by default. Weather models are generally used to provide analysis for geographical locations where observed data is lacking. Greater spatial resolution of nearby observed data will improve model data. While not as good as measured observations, especially for local precipitation events and thunderstorms, composite weather data provides insight on factors influencing crop performance across various regions in Texas.

Figure 1. 2025 Grain Sorghum Trial Locations



2025 Grain Sorghum
Hybrid Characteristics

Company	Brand	Hybrid	Grain Color	Plant Color	Maturity
Advanta Seeds	Alta Seeds	ADVG 3127	Red	Purple	Medium
Advanta Seeds	Alta Seeds	ADVG 2165	Red	Purple	Medium
Advanta Seeds	Alta Seeds	ADVG 1125IG	Red	Purple	Medium-Early
Advanta Seeds	Alta Seeds	ADVG 1329	Cream	Purple	Early
Bayer	DEKALB	DKS 40-76	Bronze	Purple	Medium-Early
Bayer	DEKALB	DKS 44-07	Red	Purple	Medium
Bayer	DEKALB	DKS 45-60	Bronze	Purple	Medium
Bayer	DEKALB	DKS 43-76	Bronze	Purple	Medium
Bayer	DEKALB	DKS 49-76	Bronze	Purple	Medium
Bayer	DEKALB	DKS 36-07	Bronze	Purple	Medium-Early
Corteva	Pioneer	83P38			N/A
Corteva	Pioneer	84P94			N/A
Nutrien Ag	Dyna-Gro	M62GB36	Bronze		Medium-Early
Nutrien Ag	Dyna-Gro	M54GR24	Red		Early
Nutrien Ag	Dyna-Gro	M59GB94	Bronze	Purple	Early
Nutrien Ag	Dyna-Gro	M66GR32	Red		Medium
Nutrien Ag	Dyna-Gro	M62GC23	Cream		Medium-Early
Nutrien Ag	Dyna-Gro	M71GR91	Red	Purple	Medium-Late
Nutrien Ag	Dyna-Gro	M72GB71	Bronze	Purple	Medium-Late
Nutrien Ag	Dyna-Gro	M67GB87	Bronze	Purple	Medium
Nutrien Ag	Dyna-Gro	M70GR37	Red		Medium-Late
Nutrien Ag	Dyna-Gro	M60GB31	Bronze	Purple	Medium-Early

2025 Grain Sorghum
Hybrid Characteristics

Company	Brand	Hybrid	Grain Color	Plant Color	Maturity
Nutrien Ag	Dyna-Gro	M64GB05 DT	Bronze		Medium-Early
S&W Seed Company	Sorghum Partners	SP59C30 DT2	Cream	Purple	Medium
S&W Seed Company	Sorghum Partners	SP43M80	Bronze	Purple	Medium-Early
S&W Seed Company	Sorghum Partners	SP66M16	Bronze	Purple	Medium
S&W Seed Company	Sorghum Partners	SP62M22 DT2	Bronze	Purple	Medium
S&W Seed Company	Sorghum Partners	SP65B21 DT	Bronze	Purple	Medium
S&W Seed Company	Sorghum Partners	SP65M60	Bronze	Purple	Medium
West Gaines Seed, Inc.	West Gaines Seed	EXP WG817C	Cream	Purple	Medium
Wilbur-Ellis Company	Integra	G3640	Bronze	Purple	Medium
Wilbur-Ellis Company	Integra	G3665	Red	Purple	Medium
Wilbur-Ellis Company	Integra	G3711	Red	Purple	Medium-Late
Winfield United	Croplan	5811A	Bronze		Early
Winfield United	Croplan	6011	Red		Medium-Early
Winfield United	Croplan	6111A	Red		Medium-Early
Winfield United	Croplan	6145DT	Bronze		Medium-Early
Winfield United	Croplan	5614DT2			N/A
Winfield United	Croplan	6311A	Bronze		Medium-Early

Hybrid characteristics are provided by representatives of each company.
For additional information contact your local seed dealer or:
Katrina Horn
katrina.horn@ag.tamu.edu
979-845-8505

Grain Sorghum

Company Contacts

Company	Brand	Contact Information	Phone	Email
Advanta Seeds	Alta Seeds	Shane Halfmann 1700 Research Pkwy College Station, TX 77845	979-324-0205	shane.halfmann@advantaseeds.com
Bayer	DEKALB	Kagan Randolph PO Box 433 Sunray, TX 79086	806-338-1751	kagan.randolph@bayer.com
Bayer	DEKALB	Scott Stanislav 800 N. Lindbergh St. Louis, MO 63141	573-253-4962	scott.stanislav@bayer.com
Nutrien Ag	Dyna-Gro	Cord Willms 1024 Willms Road Columbus, TX 78934	361-960-4399	james.willms@nutrien.com
S&W Seed Company	Sorghum Partners	Scott Staggenborg 2101 Ken Pratt Blvd Longmont, CO 80501	785-313-3115	scottstaggenborg@swseed.com
West Gaines Seed, Inc.	West Gaines Seed	Braxton Coor 8801 US Hwy 87 Lubbock, TX 79423	432-935-8669	bcoor@westgainesseed.com
Wilbur-Ellis Company	Integra	Colton Tate 2340 Storm St Ames, IA 50014	515-230-0832	ctate@wilburellis.com
Winfield United	Croplan	Jonathan Folsom 3302 Grandview St Plainview, TX 79072	806-638-4198	jafolsom@landolakes.com

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Monte Alto
2025 Grain Sorghum Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)	
Sorghum Partners	SP65M60	83	48	2	0	11.7	53.4	3,757	a
DEKALB	DKS 49-76	84	46	1	0	11.9	53.8	3,713	a
Alta Seeds	ADVG 1125IG	82	45	1	0	11.5	52.8	3,485	ab
Dyna-Gro	M71GR91	82	44	0	0	11.6	53.1	3,435	abc
Dyna-Gro	M70GR37	85	45	1	0	11.9	53.6	3,410	abcd
Dyna-Gro	M72GB71	83	45	0	0	11.0	51.1	3,383	abcd
Integra	G3640	83	45	1	0	11.5	52.1	3,335	abcde
Integra	G3665	80	44	1	0	11.6	52.4	3,168	abcde
DEKALB	DKS 43-76	85	48	0	0	11.7	52.4	3,092	abcdef
DEKALB	DKS 40-76	83	45	1	0	11.9	52.3	3,004	abcdef
DEKALB	DKS 45-60	84	47	2	0	12.1	52.8	2,968	abcdef
Alta Seeds	ADVG 2165	85	44	2	0	11.6	52.2	2,917	abcdef
Dyna-Gro	M62GB36	85	45	1	0	10.9	51.6	2,699	bcdef
Dyna-Gro	M60GB31	84	46	2	0	11.9	52.6	2,687	bcdef
Alta Seeds	ADVG 3127	83	45	1	0	11.3	52.0	2,643	bcdef
Sorghum Partners	SP65B21 DT	83	48	0	0	11.8	52.3	2,525	cdef
Integra	G3711	86	46	0	0	11.5	52.9	2,499	def
Dyna-Gro	M66GR32	85	43	0	0	11.9	51.8	2,456	ef
DEKALB	DKS 44-07	85	47	1	0	11.0	51.4	2,427	ef
DEKALB	DKS 36-07	85	45	2	0	11.4	51.8	2,223	f

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

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2025 Grain Sorghum
Performance Trial

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Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)
Mean		84	45	1	0.0	11.6	52.4	2,991
C.V. %		2.4	6.9	119.5		5.6	3.7	21.8
P>f (hybrid)		0.034	0.655			0.446	0.935	0.026

Agronomic information

Plant Date	2/27/2025
Harvest Date	7/11/2025
Irrigated	No
Row Spacing (in)	30
Number of Rows	2
Target Seeds per Acre	45,000
Precipitation (in)	8.82
Irrigation (in)	

Herbicide

1.5 lb/ac Atrazine + 1.66 pt/ac Dual II Magnum applied after planting

Soil Type	Hidalgo sandy clay loam
Tillage	Conventional, beds
Previous Crop	Cotton

Trial Notes

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

Cooperator: Texas AgriScience

Four replications of each hybrid are planted in a randomized block design. Grain yield was analyzed using a linear mixed model (REML) with hybrid as a fixed effect, block as a random effect, and exponential spatial correlation structure based on plot coordinates. LSD provided when hybrid significant at $p < 0.05$. Yields highlighted in yellow are not statistically different from the top ranked hybrid. All other hybrids followed by the same letter are considered to have similar yield. 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 using MeteoStat in Python 3.11. 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

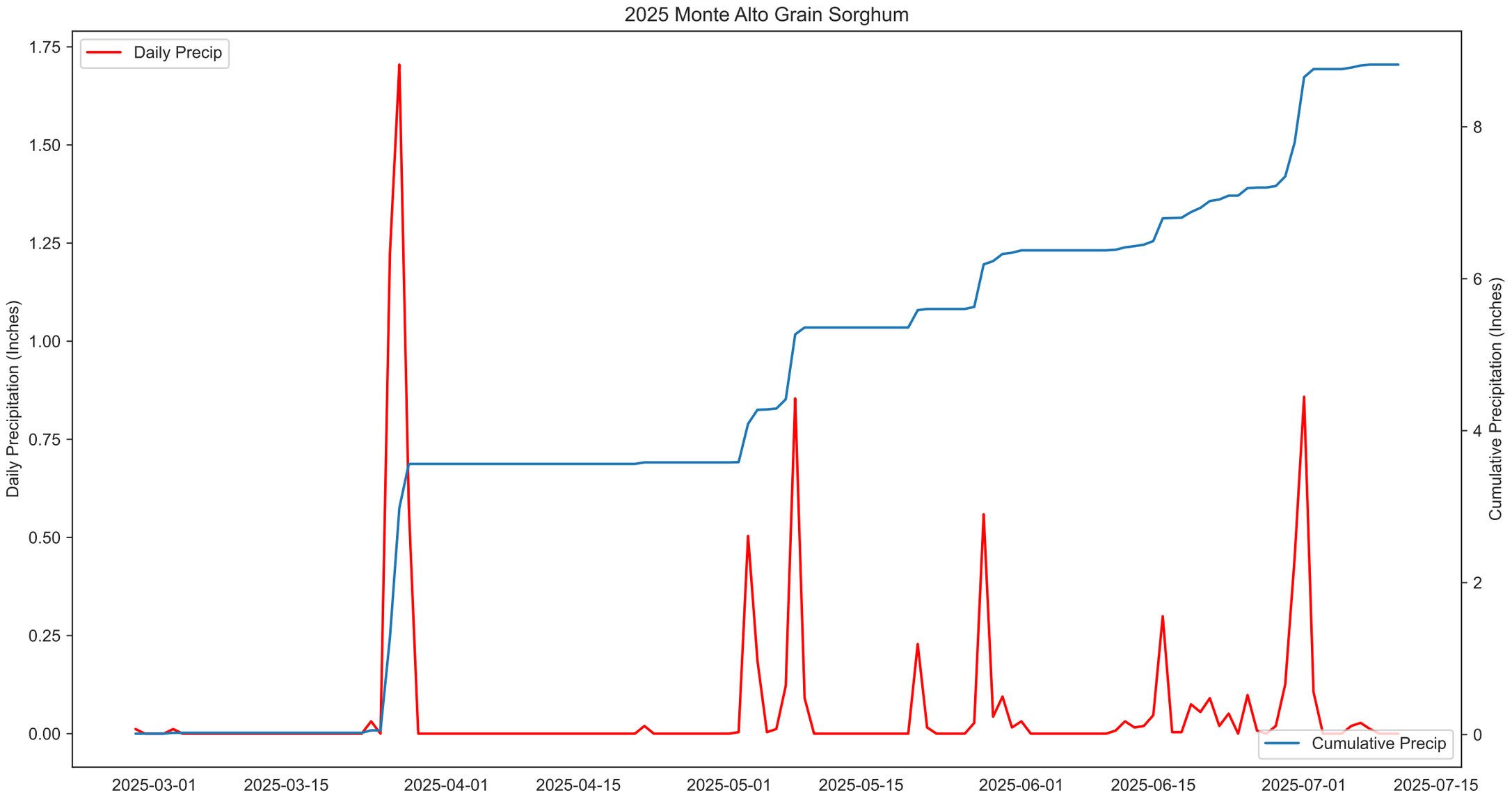
Fertilizer Applied

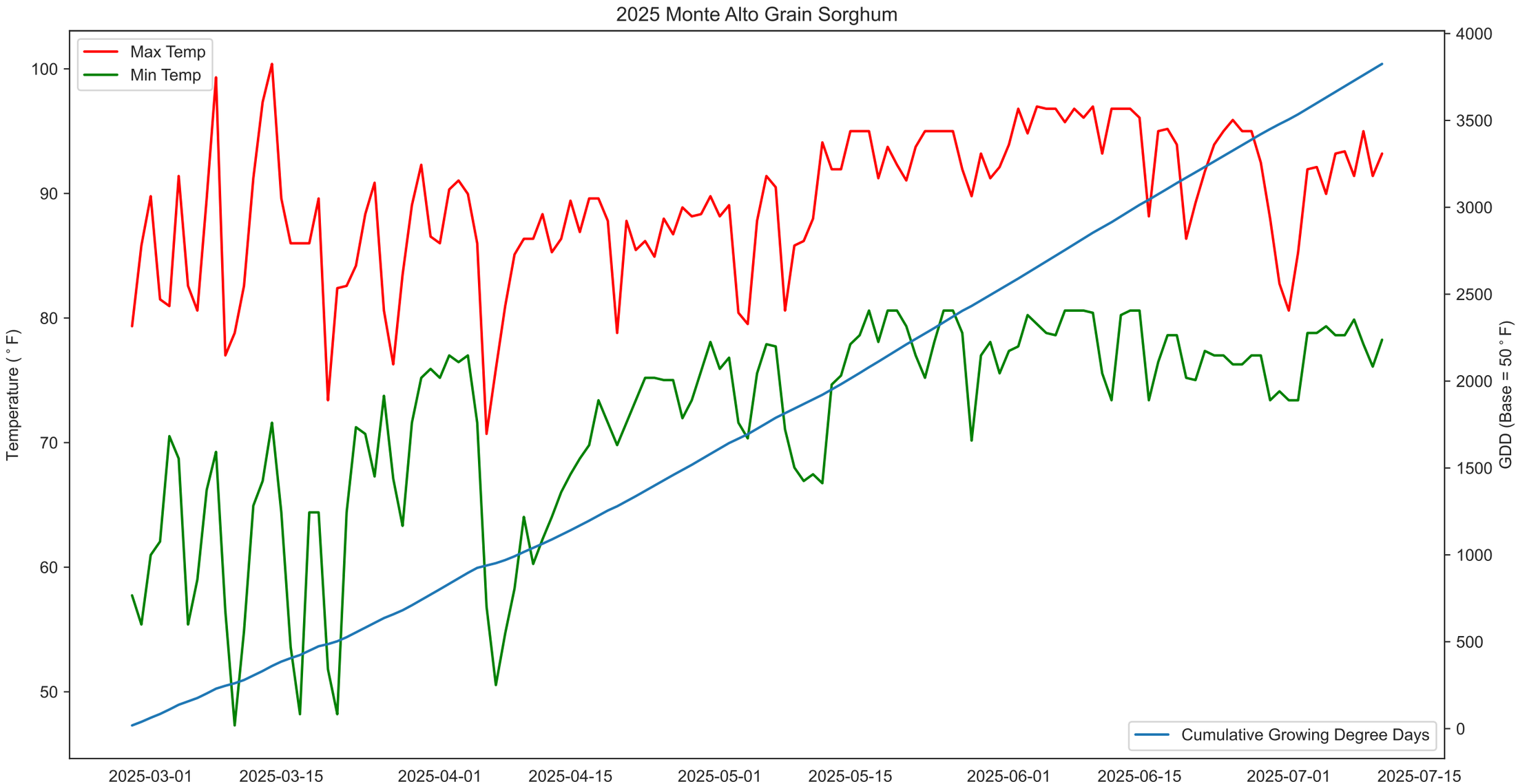
N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)		pH	
P (ppm)*		Conductivity (umho/cm)	
K (ppm)*		Ca (ppm)*	
S (ppm)*		Mg (ppm)*	
		Na (ppm)*	

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


2025 Monte Alto Grain Sorghum
Daily Precip
Cumulative Precip
Daily Precipitation (Inches)
Cumulative Precipitation (Inches)
1.75
1.50
1.25
1.00
0.75
0.50
0.25
0.00
8
6
4
2
0
2025-03-01
2025-03-15
2025-04-01
2025-04-15
2025-05-01
2025-05-15
2025-06-01
2025-06-15
2025-07-01
2025-07-15


2025 Monte Alto Grain Sorghum
Max Temp
Min Temp
Cumulative Growing Degree Days
Temperature (° F)
GDD (Base = 50 ° F)
100
90
80
70
60
50
4000
3500
3000
2500
2000
1500
1000
500
0
2025-03-01
2025-03-15
2025-04-01
2025-04-15
2025-05-01
2025-05-15
2025-06-01
2025-06-15
2025-07-01
2025-07-15

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Driscoll
2025 Grain Sorghum
Performance Trial

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Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)	
Dyna-Gro	M62GB36	72	45	4	53	13.4	55.8	4,989	a
DEKALB	DKS 49-76	73	46	3	65	13.5	54.0	4,942	a
Integra	G3665	72	45	2	68	10.7	51.4	4,925	a
DEKALB	DKS 44-07	73	44	2	83	13.1	55.2	4,696	ab
Integra	G3640	72	45	3	58	14.4	55.3	4,629	ab
DEKALB	DKS 43-76	72	49	2	80	13.2	52.9	4,524	abc
Integra	G3711	73	47	1	85	14.0	55.1	4,455	abc
Dyna-Gro	M70GR37	72	45	2	78	14.1	55.9	4,446	abc
Dyna-Gro	M72GB71	73	45	1	78	13.4	54.2	4,446	abc
Dyna-Gro	M60GB31	73	48	3	35	12.4	53.6	4,336	abc
DEKALB	DKS 36-07	71	44	4	83	11.6	51.2	4,257	bc
Dyna-Gro	M66GR32	72	50	1	62	14.5	55.3	4,251	bc
DEKALB	DKS 40-76	71	44	3	73	12.6	53.1	4,146	bc
Alta Seeds	ADVG 2165	72	44	2	60	14.5	53.1	4,104	bc
DEKALB	DKS 45-60	72	44	2	83	13.8	56.2	3,979	c
Alta Seeds	ADVG 3127	72	48	4	58	14.7	55.7	3,938	c

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

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2025 Grain Sorghum
Performance Trial

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Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)
Mean		72	46	2	68.6	13.4	54.2	4,442
C.V. %		0.9	5.7	55.6	21.5	8.5	2.9	10.8
P>f (hybrid)		0.000	0.024			0.000	0.000	0.028

Agronomic information

Plant Date	2/26/2025
Harvest Date	7/15/2025
Irrigated	No
Row Spacing (in)	30
Number of Rows	2
Target Seeds per Acre	50,000
Precipitation (in)	16.52
Irrigation (in)	
Herbicide	
Soil Type	Victoria clay
Tillage	Conventional
Previous Crop	Cotton

Trial Notes

*A storm cell with 110mph gusts went over the field on May 8 resulting in significant lodging. While plants were lodged, we were able to pick the crop up.

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

Cooperator: McNair Farms

Four replications of each hybrid are planted in a randomized block design. Grain yield was analyzed using a linear mixed model (REML) with hybrid as a fixed effect, block as a random effect, and exponential spatial correlation structure based on plot coordinates. LSD provided when hybrid significant at $p < 0.05$. Yields highlighted in yellow are not statistically different from the top ranked hybrid. All other hybrids followed by the same letter are considered to have similar yield. 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 using MeteoStat in Python 3.11. 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

Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	71	pH	8.1
P (ppm)*	38	Conductivity (umho/cm)	361
K (ppm)*	739	Ca (ppm)*	11,776
S (ppm)*	160	Mg (ppm)*	477
		Na (ppm)*	62

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

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Driscoll
2025 Grain Sorghum
Performance Trial

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Brand	Hybrid	Plant Population per Acre	Heads per Acre	Plant Stand %	Mean Tiller # per Plant	Lodging (%)	Head Size lb/head	Weathering Rating (0-9)	Iron Chlorosis Rating
Integra	G3640	39,857	45,738	80	0.23	58	0.10		
Integra	G3665	43,560	50,965	87	0.17	68	0.09		
Integra	G3711	43,342	44,431	87	0.08	85	0.10		
Dyna-Gro	M60GB31	38,986	40,293	78	0.08	35	0.11		
Dyna-Gro	M62GB36	37,244	43,778	74	0.18	53	0.11		
Dyna-Gro	M66GR32	41,382	44,867	83	0.19	62	0.09		
Dyna-Gro	M70GR37	37,026	40,511	74	0.14	78	0.11		
Dyna-Gro	M72GB71	40,946	42,689	82	0.08	78	0.11		
DEKALB	DKS 36-07		41,382	87	0.32	83	0.10		
DEKALB	DKS 40-76		43,342	87	0.06	73	0.09		
DEKALB	DKS 43-76	40,075	41,818	80	0.10	80	0.11		
DEKALB	DKS 44-07	43,560	46,827	87	0.08	83	0.10		
DEKALB	DKS 45-60	43,560	44,213	87	0.09	83	0.09		
DEKALB	DKS 49-76	35,719	38,333	71	0.13	65	0.13		
Alta Seeds	ADVG 2165	39,204	39,422	78	0.10	60	0.11		
Alta Seeds	ADVG 3127	36,808	41,818	74	0.14	58	0.10		

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Driscoll
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Plant Population per Acre	Heads per Acre	Plant Stand %	Mean Tiller # per Plant	Lodging (%)	Head Size lb/head	Weathering Rating (0-9)	Iron Chlorosis Rating
Mean		40,511	43,152	81	0.14	69	0.10		

Agronomic information

Plant Date	2/26/2025
Harvest Date	7/15/2025
Irrigated	No
Row Spacing (in)	30
Number of Rows	2
Target Seeds per Acre	50,000
Precipitation (in)	16.52
Irrigation (in)	
Herbicide	
Soil Type	Victoria clay
Tillage	Conventional
Previous Crop	Cotton

Trial Notes

*A storm cell with 110mph gusts went over the field on May 8 resulting in significant lodging. While plants were lodged, we were able to pick the crop up.

Cooperator: McNair Farms

Four replications of each hybrid are planted in a randomized block design. 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. 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

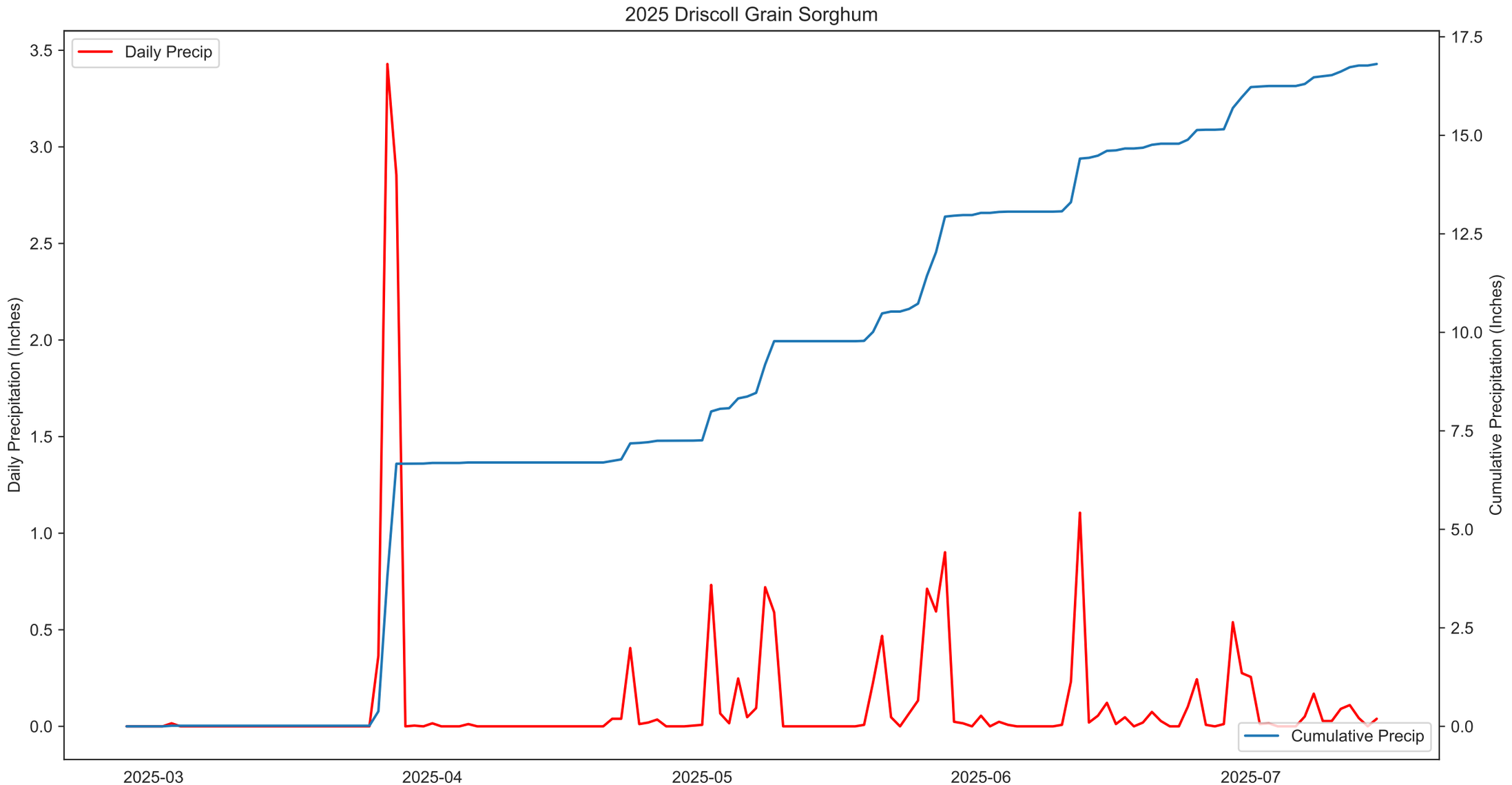
* Mehlich 3 by ICP, soiltesting.tamu.edu
** Samples collected at planting, some locations may have applied fertilizer

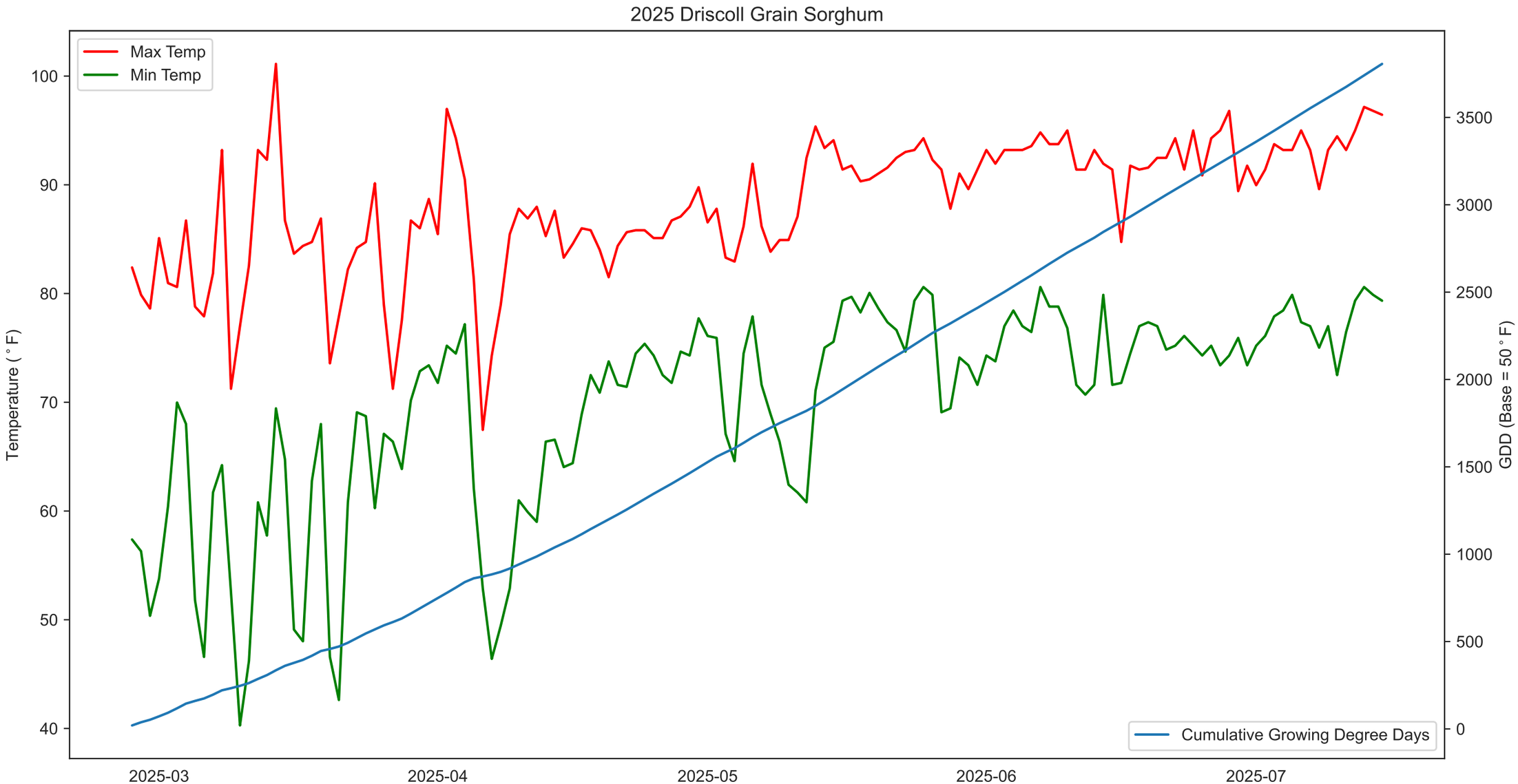
Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	71	pH	8.1
P (ppm)*	38	Conductivity (umho/cm)	361
K (ppm)*	739	Ca (ppm)*	11,776
S (ppm)*	160	Mg (ppm)*	477
		Na (ppm)*	62


2025 Driscoll Grain Sorghum
Daily Precip
Cumulative Precip
Daily Precipitation (Inches)
Cumulative Precipitation (Inches)
3.5
3.0
2.5
2.0
1.5
1.0
0.5
0.0
17.5
15.0
12.5
10.0
7.5
5.0
2.5
0.0
2025-03
2025-04
2025-05
2025-06
2025-07


2025 Driscoll Grain Sorghum
Max Temp
Min Temp
Cumulative Growing Degree Days
Temperature (° F)
GDD (Base = 50 ° F)
100
90
80
70
60
50
40
3500
3000
2500
2000
1500
1000
500
0
2025-03
2025-04
2025-05
2025-06
2025-07

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Gregory
2025 Grain Sorghum Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)	
Integra	G3711	72	53	3	0	13.1	59.0	6,638	a
Integra	G3665	68	48	4	0	9.9	52.3	6,574	ab
DEKALB	DKS 44-07	70	49	5	0	13.0	58.4	6,507	ab
DEKALB	DKS 49-76	73	49	5	0	12.0	56.2	6,439	ab
Dyna-Gro	M66GR32	70	54	5	0	13.0	57.6	6,337	abc
Dyna-Gro	M62GB36	69	47	6	0	12.0	57.1	6,249	abc
Dyna-Gro	M70GR37	71	52	3	0	12.5	57.9	6,211	abc
Dyna-Gro	M71GR91	70	53	3	0	13.2	58.6	6,207	abcd
Alta Seeds	ADVG 3127	68	47	5	0	12.2	55.9	6,062	abcde
Integra	G3640	69	47	7	0	11.5	56.7	6,046	bcde
DEKALB	DKS 43-76	71	51	7	0	12.5	56.8	6,002	bcde
DEKALB	DKS 36-07	67	48	7	0	11.1	55.5	5,978	bcde
DEKALB	DKS 45-60	72	50	6	0	13.2	58.2	5,872	cdef
Dyna-Gro	M72GB71	75	50	6	0	11.7	56.4	5,871	bcdef
Alta Seeds	ADVG 2165	68	47	4	0	11.7	55.4	5,623	def
DEKALB	DKS 40-76	68	48	7	0	12.1	55.9	5,516	ef
Alta Seeds	ADVG 1125IG	66	43	7	0	11.0	56.1	5,231	fg
Dyna-Gro	M64GB05 DT	66	48	5	0	11.7	56.3	4,835	g

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

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Soil & Crop Sciences

Gregory
2025 Grain Sorghum Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)
	Mean	69	49	5	0.0	12.1	56.7	6,011
	C.V. %	2.3	4.7	28.3		5.8	1.2	6.3
	P>f (hybrid)	0.000	0.001			0.000	0.000	0.000

Agronomic information

Plant Date	2/27/2025
Harvest Date	7/9/2025
Irrigated	No
Row Spacing (in)	30
Number of Rows	2
Target Seeds per Acre	60,000
Precipitation (in)	13.3
Irrigation (in)	
Herbicide	
Soil Type	Victoria clay
Tillage	Conventional
Previous Crop	Cotton

Trial Notes

Cooperator: Joel Hoskinson

Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid + blk. R 4.5.0 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. All other hybrids followed by the same letter are considered to have similar yield. 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 using MeteoStat in Python 3.11. For additional information contact:

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ronnie.schnell@ag.tamu.edu / katrina.horn@ag.tamu.edu
979-321-5939 / 979-845-8505

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

Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	80	pH	8.0
P (ppm)*	29	Conductivity (umho/cm)	470
K (ppm)*	412	Ca (ppm)*	10,784
S (ppm)*	145	Mg (ppm)*	508
		Na (ppm)*	112

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

TEXAS A&M UNIVERSITY
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Gregory
2025 Grain Sorghum Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Plant Population per Acre	Heads per Acre	Plant Stand %	Mean Tiller # per Plant	Lodging (%)	Head Size lb/head	Weathering Rating (0-9)	Iron Chlorosis Rating
Integra	G3640	45,085	49,223	75	0.24	0	0.12		
Integra	G3665	41,818	57,935	70	0.39	0	0.11		
Integra	G3711		49,223	82	0.06	0	0.14		
Dyna-Gro	M62GB36	45,738	52,054	76	0.14	0	0.12		
Dyna-Gro	M64GB05 DT	43,850	55,466	73	0.27	0	0.08		
Dyna-Gro	M66GR32	42,108	48,206	70	0.30	0	0.13		
Dyna-Gro	M70GR37	42,398	44,431	71	0.11	0	0.14		
Dyna-Gro	M71GR91	45,738	49,223	76	0.08	0	0.13		
Dyna-Gro	M72GB71	47,045	49,223	78	0.04	0	0.12		
DEKALB	DKS 36-07	50,820	52,853	85	0.09	0	0.11		
DEKALB	DKS 40-76		50,094	87	0.02	0	0.11		
DEKALB	DKS 43-76		49,223	82	0.05	0	0.12		
DEKALB	DKS 44-07	48,569	55,975	81	0.19	0	0.12		
DEKALB	DKS 45-60	49,876	50,094	83	0.06	0	0.12		
DEKALB	DKS 49-76	50,747	51,619	85	0.06	0	0.12		
Alta Seeds	ADVG 1125IG	47,045	50,094	78	0.07	0	0.10		
Alta Seeds	ADVG 2165	42,907	44,431	72	0.10	0	0.13		
Alta Seeds	ADVG 3127	37,462	44,431	62	0.19	0	0.14		

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Gregory
2025 Grain Sorghum Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Plant Population per Acre	Heads per Acre	Plant Stand %	Mean Tiller # per Plant	Lodging (%)	Head Size lb/head	Weathering Rating (0-9)	Iron Chlorosis Rating
Mean		46,218	50,211	77	0.14	0	0.12		

Agronomic information

Plant Date	2/27/2025
Harvest Date	7/9/2025
Irrigated	No
Row Spacing (in)	30
Number of Rows	2
Target Seeds per Acre	60,000
Precipitation (in)	13.3
Irrigation (in)	
Herbicide	
Soil Type	Victoria clay
Tillage	Conventional
Previous Crop	Cotton

Trial Notes

Cooperator: Joel Hoskinson

Four replications of each hybrid are planted in a randomized block design. 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. For additional information contact:

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979-321-5939 / 979-845-8505

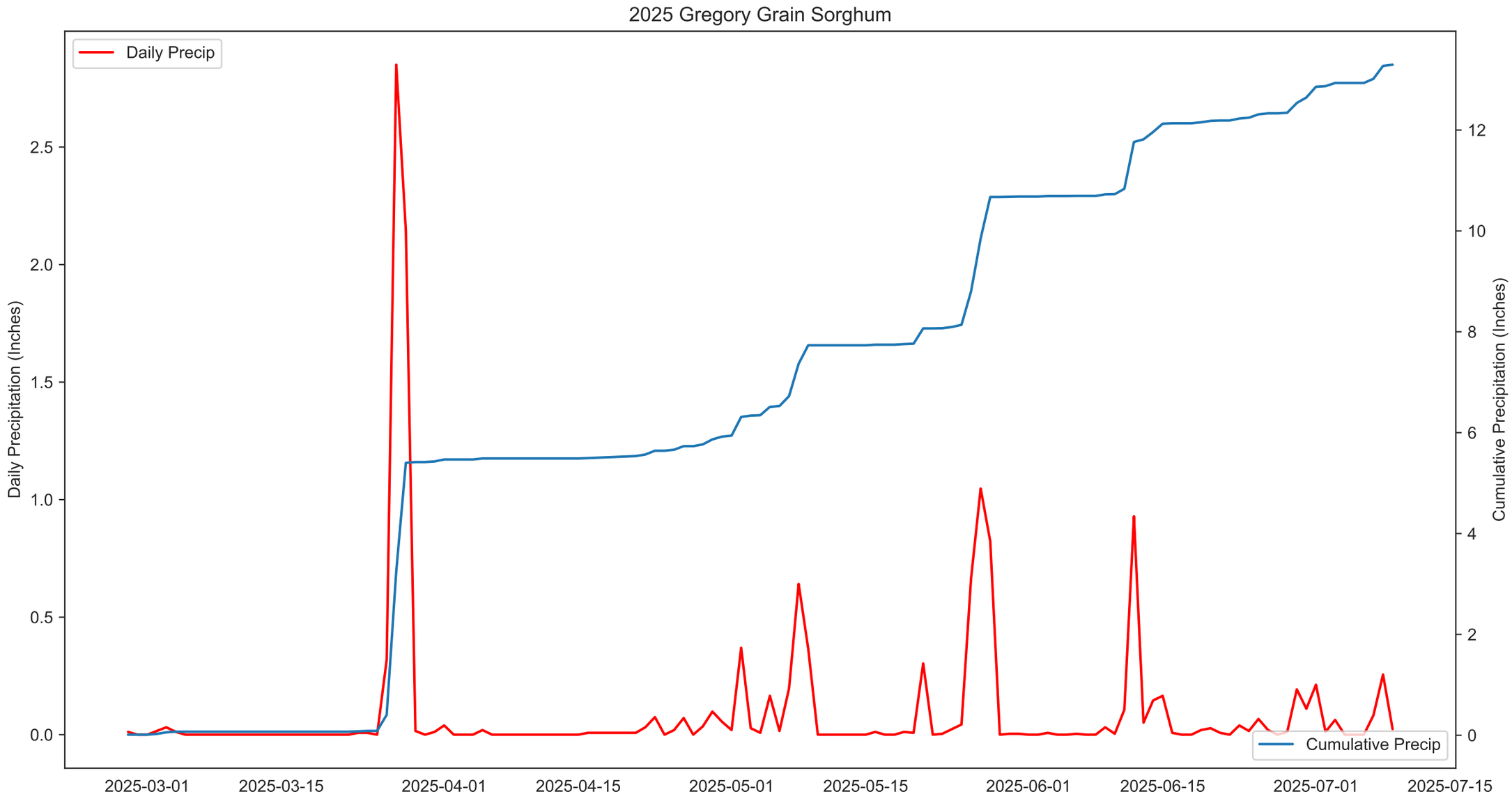
* Mehlich 3 by ICP, soiltesting.tamu.edu
** Samples collected at planting, some locations may have applied fertilizer

Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	80	pH	8.0
P (ppm)*	29	Conductivity (umho/cm)	470
K (ppm)*	412	Ca (ppm)*	10,784
S (ppm)*	145	Mg (ppm)*	508
		Na (ppm)*	112


2025 Gregory Grain Sorghum
Daily Precip
Cumulative Precip
Daily Precipitation (Inches)
Cumulative Precipitation (Inches)
0.0
0.5
1.0
1.5
2.0
2.5
0
2
4
6
8
10
12
2025-03-01
2025-03-15
2025-04-01
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2025-07-01
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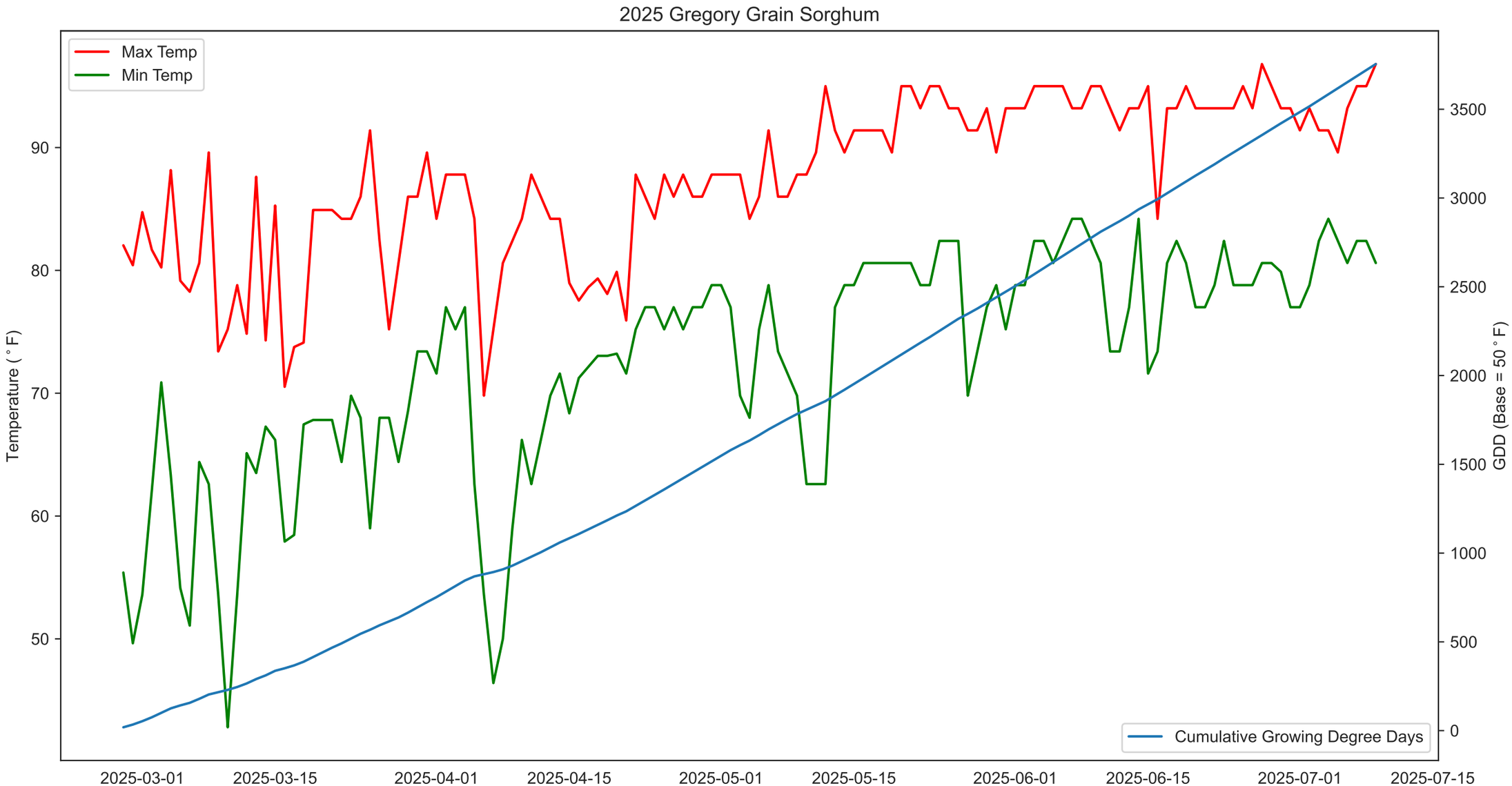

2025 Gregory Grain Sorghum
Max Temp
Min Temp
Cumulative Growing Degree Days
Temperature (° F)
GDD (Base = 50 ° F)
90
80
70
60
50
3500
3000
2500
2000
1500
1000
500
0
2025-03-01
2025-03-15
2025-04-01
2025-04-15
2025-05-01
2025-05-15
2025-06-01
2025-06-15
2025-07-01
2025-07-15

Grain Sorghum
Gregory
Multi-Year Summary

Company	Brand	Hybrid	2 YR AVG Yield lb/Acre	3 YR AVG Yield lb/Acre
Wilbur-Ellis Company	Integra	G3711	5,597	6,197
Wilbur-Ellis Company	Integra	G3665	5,592	5,918
Nutrien Ag	Dyna-Gro	M70GR37	5,484	
Nutrien Ag	Dyna-Gro	M71GR91	5,374	6,058
Nutrien Ag	Dyna-Gro	M66GR32	5,228	
Bayer	DEKALB	DKS 44-07	5,158	5,858
Wilbur-Ellis Company	Integra	G3640	5,158	5,785
Bayer	DEKALB	DKS 45-60	5,104	5,733
Nutrien Ag	Dyna-Gro	M62GB36	5,091	
Nutrien Ag	Dyna-Gro	M72GB71	5,038	5,759
Bayer	DEKALB	DKS 36-07	4,791	
Bayer	DEKALB	DKS 40-76	4,689	5,300

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.

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Rosenberg
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)	
DEKALB	DKS 44-07	68	53	2	0	13.1	60.4	6,648	a
DEKALB	DKS 36-07	65	51	4	0	11.9	58.6	6,490	ab
DEKALB	DKS 49-76	69	52	6	0	12.5	58.9	6,310	abc
DEKALB	DKS 43-76	68	53	5	0	12.2	58.6	6,162	abc
Dyna-Gro	M62GB36	68	50	3	0	12.1	59.1	6,006	abc
Dyna-Gro	M70GR37	68	53	4	0	13.4	60.7	5,923	abc
DEKALB	DKS 45-60	69	53	8	0	13.9	61.4	5,598	bcd
DEKALB	DKS 40-76	68	52	5	0	11.9	58.0	5,584	bcd
Dyna-Gro	M66GR32	69	55	3	0	13.4	60.9	5,468	cd
Dyna-Gro	M71GR91	70	53	3	0	13.4	60.2	4,950	de
Dyna-Gro	M72GB71	70	56	5	0	13.2	59.0	4,874	de
Dyna-Gro	M64GB05 DT	64	49	2	0	11.2	57.0	4,245	e

*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

Rosenberg
2025 Grain Sorghum Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)
Mean		68	53	4	0.0	12.7	59.4	5,688
C.V. %		1.5	5.3	41.0		7.8	1.2	12.0
P>f (hybrid)		0.000	0.083			0.011	0.000	0.000

Agronomic information

Plant Date	3/24/2025
Harvest Date	7/21/2025
Irrigated	No
Row Spacing (in)	36
Number of Rows	2
Target Seeds per Acre	65,000
Precipitation (in)	17.88
Irrigation (in)	
Herbicide	
Soil Type	Lake Charles clay
Tillage	Conventional, beds
Previous Crop	Cotton

Trial Notes

Cooperator: Alan Stasney

Four replications of each hybrid are planted in a randomized block design. Grain yield was analyzed using a linear mixed model (REML) with hybrid as a fixed effect, block as a random effect, and exponential spatial correlation structure based on plot coordinates. LSD provided when hybrid significant at $p < 0.05$. Yields highlighted in yellow are not statistically different from the top ranked hybrid. All other hybrids followed by the same letter are considered to have similar yield. 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 using MeteoStat in Python 3.11. 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

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

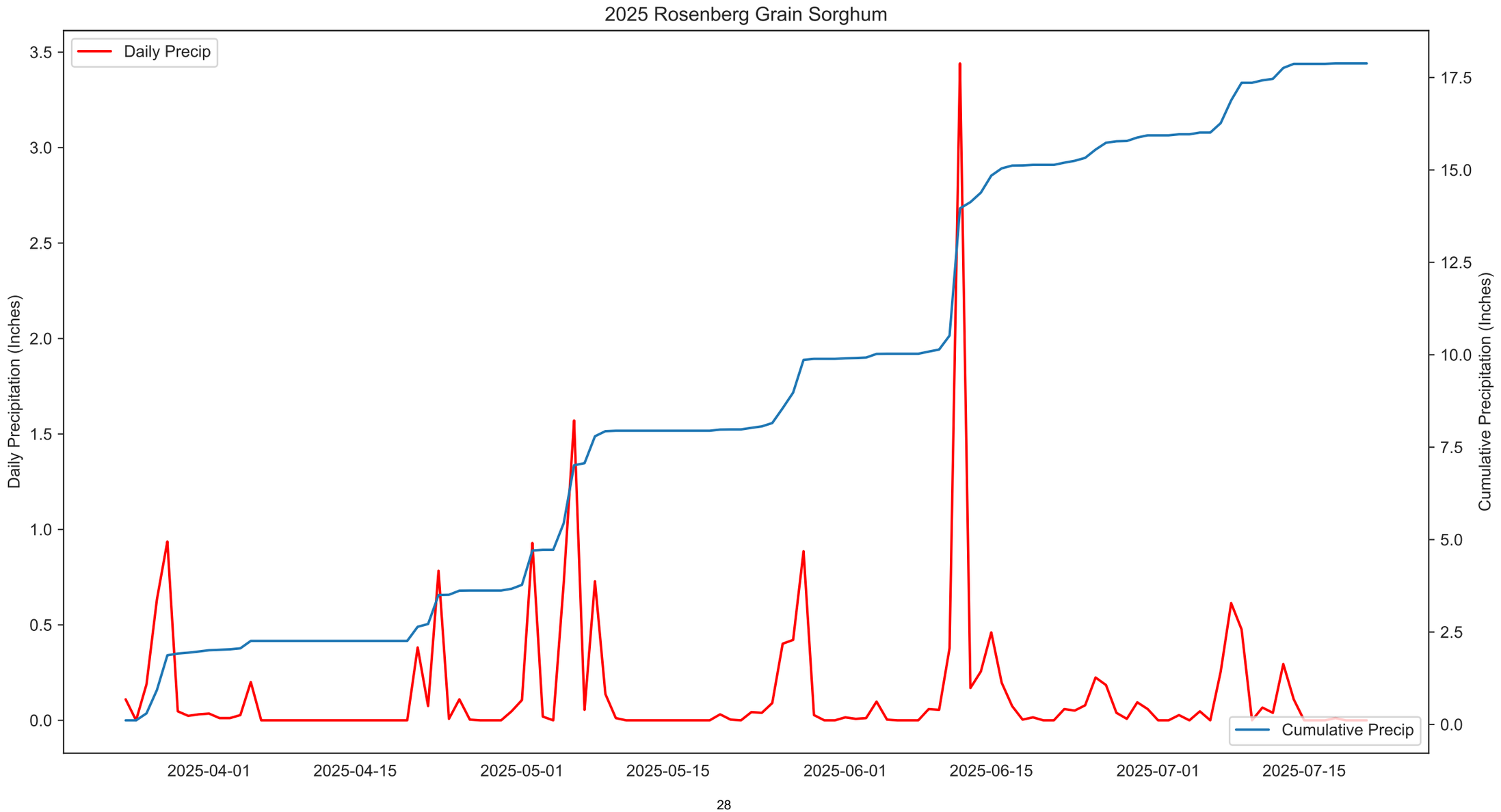
Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	18	pH	6.1
P (ppm)*	85	Conductivity (umho/cm)	161
K (ppm)*	307	Ca (ppm)*	3,964
S (ppm)*	59	Mg (ppm)*	731
		Na (ppm)*	25

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


2025 Rosenberg Grain Sorghum
Daily Precip
Cumulative Precip
Daily Precipitation (Inches)
Cumulative Precipitation (Inches)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
3.5
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
2025-04-01
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2025-05-01
2025-05-15
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2025-06-15
2025-07-01
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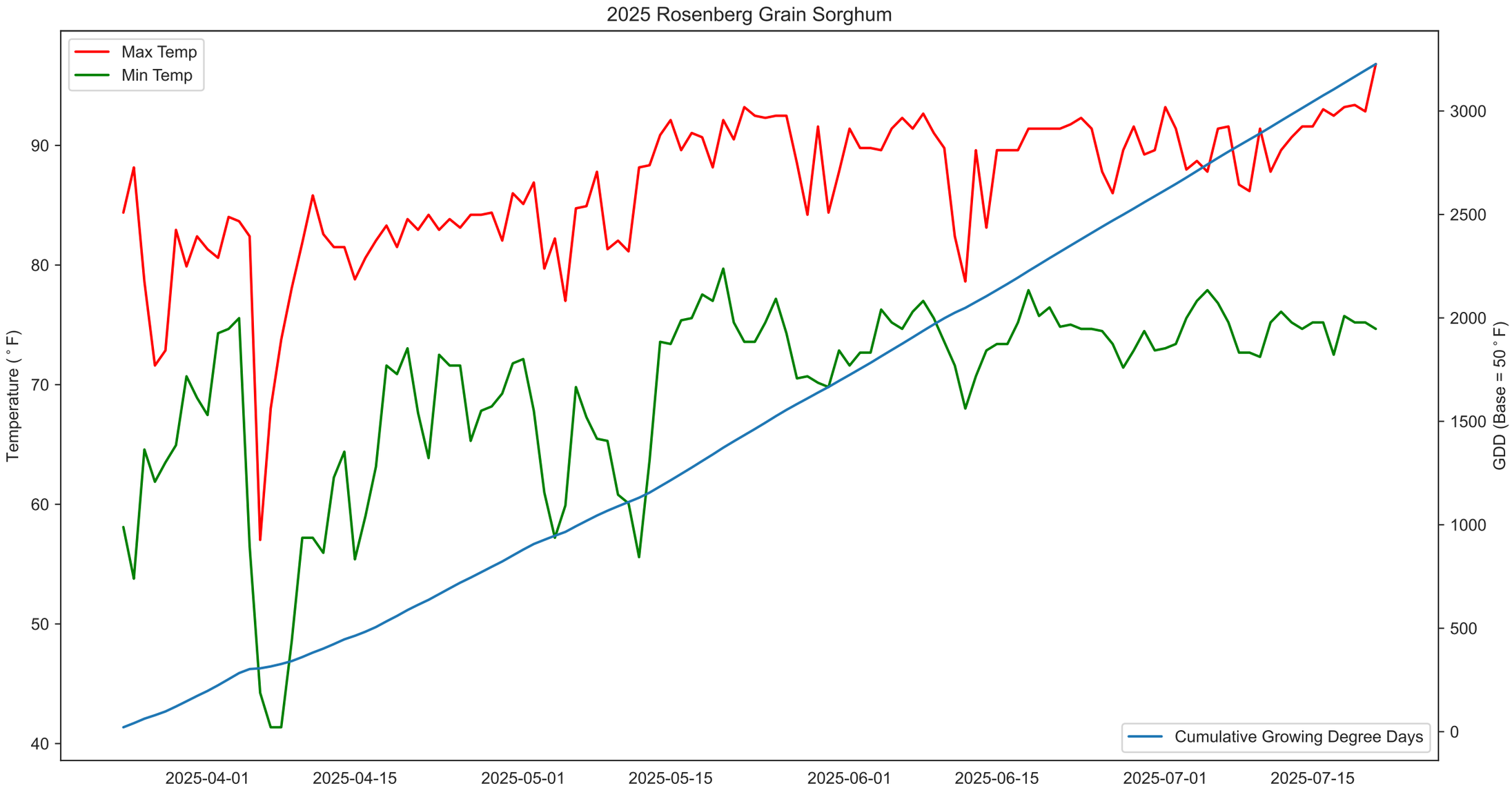
2025 Rosenberg Grain Sorghum
Max Temp
Min Temp
Cumulative Growing Degree Days
Temperature (° F)
GDD (Base = 50 ° F)
90
80
70
60
50
40
3000
2500
2000
1500
1000
500
0
2025-04-01
2025-04-15
2025-05-01
2025-05-15
2025-06-01
2025-06-15
2025-07-01
2025-07-15

Grain Sorghum
Rosenberg
Multi-Year Summary

Company	Brand	Hybrid	2 YR AVG Yield lb/Acre	3 YR AVG Yield lb/Acre
Bayer	DEKALB	DKS 44-07	6,963	7,332
Bayer	DEKALB	DKS 36-07	5,973	
Nutrien Ag	Dyna-Gro	M62GB36	5,757	
Bayer	DEKALB	DKS 45-60	5,732	6,493
Nutrien Ag	Dyna-Gro	M66GR32	5,678	
Nutrien Ag	Dyna-Gro	M70GR37	5,403	
Bayer	DEKALB	DKS 40-76	5,263	6,052
Nutrien Ag	Dyna-Gro	M72GB71	5,189	6,302
Nutrien Ag	Dyna-Gro	M71GR91	4,870	5,910

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.

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Hondo
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)	
Pioneer	84P94	79	47	1	0	10.4	56.4	7,254	a
DEKALB	DKS 36-07	75	48	2	0	10.1	56.1	6,858	ab
Pioneer	83P38	80	47	3	0	10.2	54.6	6,592	bc
Dyna-Gro	M70GR37	78	49	2	0	11.6	58.1	6,540	bc
DEKALB	DKS 49-76	79	47	3	0	11.0	56.9	6,452	bcd
Dyna-Gro	M66GR32	78	50	2	0	11.5	57.2	6,258	cde
DEKALB	DKS 44-07	78	48	1	0	10.1	56.2	6,245	cde
Alta Seeds	ADVG 1125IG	74	45	3	0	8.6	53.9	6,245	cde
Dyna-Gro	M62GB36	79	46	3	0	10.7	56.1	5,994	def
Dyna-Gro	M67GB87	79	49	2	0	9.7	53.9	5,977	ef
DEKALB	DKS 43-76	78	48	2	0	10.8	57.2	5,912	ef
Alta Seeds	ADVG 3127	79	49	3	0	11.2	56.1	5,847	ef
DEKALB	DKS 40-76	79	50	3	0	9.9	54.7	5,674	f
Alta Seeds	ADVG 2165	79	47	2	0	10.0	53.8	5,182	g
DEKALB	DKS 45-60	79	52	4	0	12.1	58.2	5,156	g

*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

Hondo
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)
Mean		78	48	2	0.0	10.5	55.9	6,146
C.V. %		1.2	4.5	40.5		9.3	2.0	5.4
P>f (hybrid)		0.000	0.016			0.002	0.000	0.000

Agronomic information

Plant Date	3/5/2025
Harvest Date	7/18/2025
Irrigated	Yes
Row Spacing (in)	36
Number of Rows	2
Target Seeds per Acre	45,000
Precipitation (in)	13.26
Irrigation (in)	
Herbicide	
Soil Type	Knippa clay
Tillage	Conventional
Previous Crop	Corn

Trial Notes

Cooperator: Nelson Reus

Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid + blk. R 4.5.0 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. All other hybrids followed by the same letter are considered to have similar yield. 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 using MeteoStat in Python 3.11. 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

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

Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	48	pH	7.9
P (ppm)*	39	Conductivity (umho/cm)	481
K (ppm)*	834	Ca (ppm)*	13,306
S (ppm)*	211	Mg (ppm)*	258
		Na (ppm)*	13

*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

Hondo
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Plant Population per Acre	Heads per Acre	Plant Stand %	Mean Tiller # per Plant	Lodging (%)	Head Size lb/head	Weathering Rating (0-9)	Iron Chlorosis Rating
Pioneer	83P38	37,389	48,824	83	0.31	0	0.14	3.8	
Pioneer	84P94	41,019	59,351	91	0.46	0	0.12	2.5	
Dyna-Gro	M62GB36	39,386	42,290	88	0.07	0	0.14	4.5	
Dyna-Gro	M66GR32	40,293	48,642	90	0.21	0	0.13	1.3	
Dyna-Gro	M67GB87	33,759	44,649	75	0.33	0	0.13	2.3	
Dyna-Gro	M70GR37	37,571	44,468	83	0.19	0	0.15	2.5	
DEKALB	DKS 36-07	43,016	47,916	96	0.11	0	0.14	4.8	
DEKALB	DKS 40-76		41,201	94	0.05	0	0.14	5.5	
DEKALB	DKS 43-76	38,115	40,475	85	0.06	0	0.15	2.5	
DEKALB	DKS 44-07	43,016	49,550	96	0.16	0	0.13	3.8	
DEKALB	DKS 45-60	39,749	45,738	88	0.15	0	0.11	3.5	
DEKALB	DKS 49-76	40,112	42,290	89	0.05	0	0.15	2.0	
Alta Seeds	ADVG 1125IG	41,745	43,560	93	0.12	0	0.14	6.3	
Alta Seeds	ADVG 2165		37,934	87		0	0.14	6.3	
Alta Seeds	ADVG 3127	38,478	40,838	86	0.09	0	0.14	2.5	

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Hondo
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Plant Population per Acre	Heads per Acre	Plant Stand %	Mean Tiller # per Plant	Lodging (%)	Head Size lb/head	Weathering Rating (0-9)	Iron Chlorosis Rating
Mean		39,664	45,181	88	0.17	0	0.14	3.6	

Agronomic information

Plant Date	3/5/2025
Harvest Date	7/18/2025
Irrigated	Yes
Row Spacing (in)	36
Number of Rows	2
Target Seeds per Acre	45,000
Precipitation (in)	13.26
Irrigation (in)	
Herbicide	
Soil Type	Knippa clay
Tillage	Conventional
Previous Crop	Corn

Trial Notes

Cooperator: Nelson Reus

Four replications of each hybrid are planted in a randomized block design. 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. For additional information contact:

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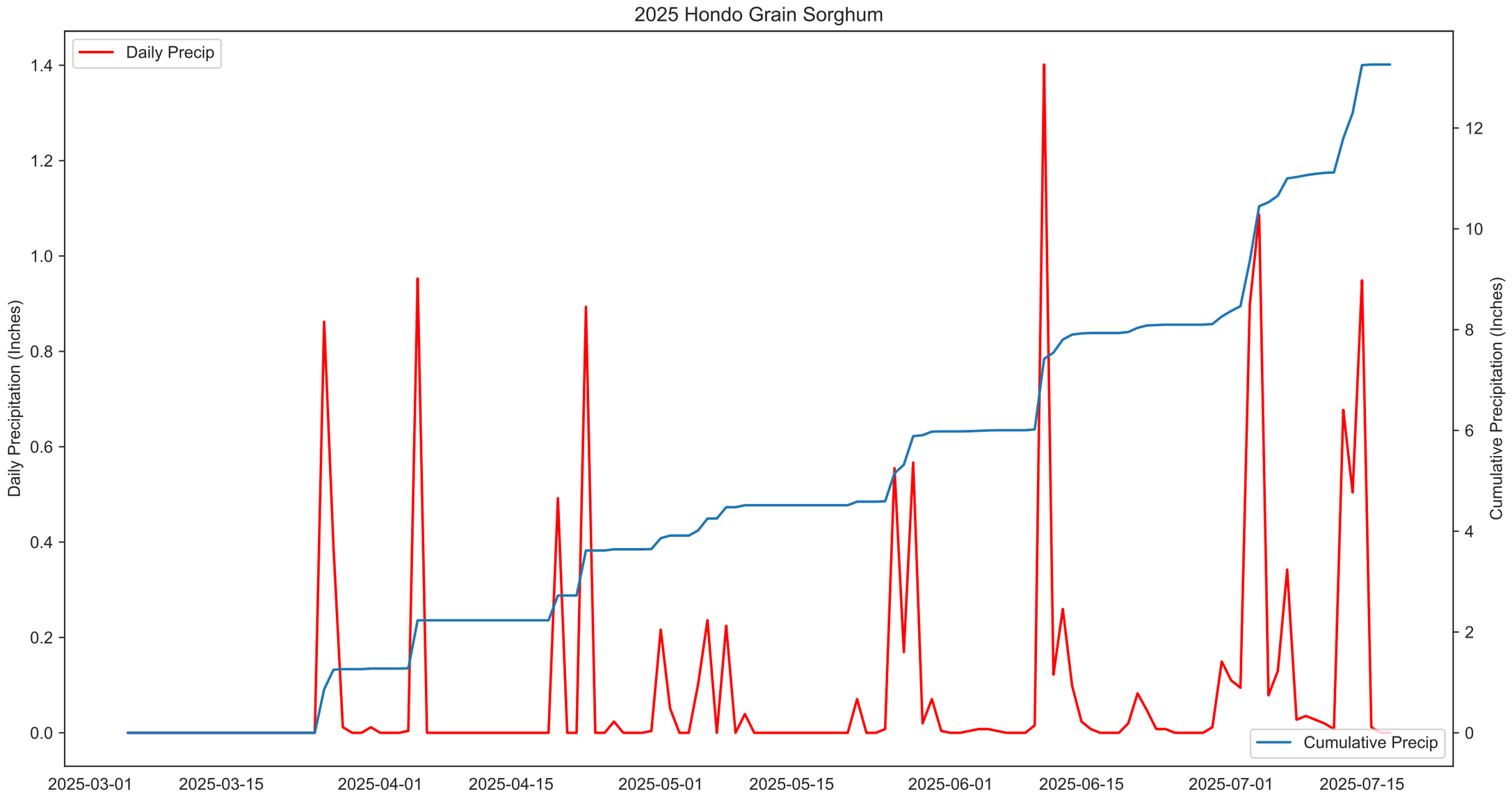
* Mehlich 3 by ICP, soiltesting.tamu.edu
** Samples collected at planting, some locations may have applied fertilizer

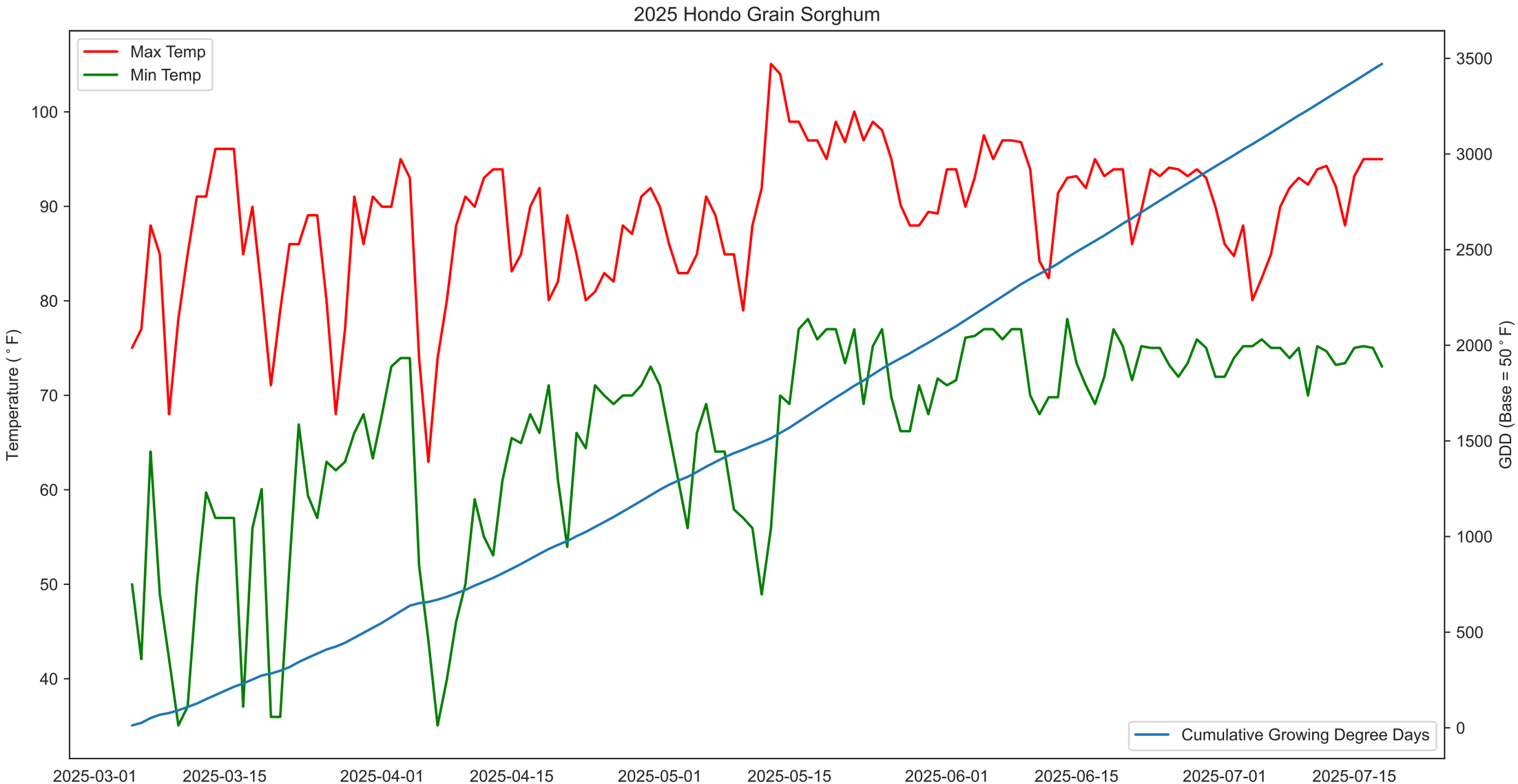
Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	48	pH	7.9
P (ppm)*	39	Conductivity (umho/cm)	481
K (ppm)*	834	Ca (ppm)*	13,306
S (ppm)*	211	Mg (ppm)*	258
		Na (ppm)*	13


2025 Hondo Grain Sorghum
Daily Precip
Cumulative Precip
Daily Precipitation (Inches)
Cumulative Precipitation (Inches)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
0
2
4
6
8
10
12
2025-03-01
2025-03-15
2025-04-01
2025-04-15
2025-05-01
2025-05-15
2025-06-01
2025-06-15
2025-07-01
2025-07-15


2025 Hondo Grain Sorghum
Max Temp
Min Temp
Cumulative Growing Degree Days
Temperature (° F)
GDD (Base = 50 ° F)
100
90
80
70
60
50
40
3500
3000
2500
2000
1500
1000
500
0
2025-03-01
2025-03-15
2025-04-01
2025-04-15
2025-05-01
2025-05-15
2025-06-01
2025-06-15
2025-07-01
2025-07-15

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Soil & Crop Sciences

College Station
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)
Mean		68	51	6	1.7	11.9	55.0	3,496
C.V. %		1.5	4.2	29.9		5.0	1.7	25.3
P>f (hybrid)		0.000	0.000			0.000	0.000	0.000

Agronomic information

Plant Date	3/21/2025
Harvest Date	9/8/2025
Irrigated	No
Row Spacing (in)	30
Number of Rows	2
Target Seeds per Acre	65,000
Precipitation (in)	24.02
Irrigation (in)	
Herbicide	
Soil Type	Weswood silty clay loam
Tillage	Conventional, beds
Previous Crop	Corn

Trial Notes

*Late season weathering of grain resulted in a high CV. Results will not be published.

Cooperator: Texas A&M AgriLife

Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid + blk. R 4.5.0 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. All other hybrids followed by the same letter are considered to have similar yield. 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 using MeteoStat in Python 3.11. For additional information contact:

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

Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	12	pH	8.3
P (ppm)*	87	Conductivity (umho/cm)	140
K (ppm)*	298	Ca (ppm)*	5,816
S (ppm)*	80	Mg (ppm)*	202
		Na (ppm)*	10

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

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Soil & Crop Sciences

Thrall
2025 Grain Sorghum Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)	
DEKALB	DKS 44-07	N/A	42	3	0	12.0	58.7	4,401	a
DEKALB	DKS 45-60	N/A	51	7	0	12.6	60.7	4,257	a
Integra	G3640	N/A	42	4	0	11.8	56.6	4,023	ab
Integra	G3665	N/A	45	4	0	11.5	55.6	3,573	abc
DEKALB	DKS 36-07	N/A	41	4	0	11.8	56.8	3,284	bcd
Dyna-Gro	M62GB36	N/A	41	5	0	11.3	57.0	3,201	bcd
Dyna-Gro	M70GR37	N/A	46	4	0	12.9	57.5	3,144	bcd
DEKALB	DKS 40-76	N/A	47	4	0	10.3	54.7	3,027	cd
Integra	G3711	N/A	47	4	10	11.4	57.0	3,008	cd
Dyna-Gro	M66GR32	N/A	46	3	0	11.2	56.8	2,889	cde
DEKALB	DKS 49-76	N/A	41	5	0	11.3	56.3	2,880	cde
Dyna-Gro	M64GB05 DT	N/A	45	4	0	11.8	55.2	2,847	cde
Dyna-Gro	M67GB87	N/A	43	6	0	11.8	55.3	2,687	def
Dyna-Gro	M60GB31	N/A	39	6	0	11.8	54.2	2,119	ef
DEKALB	DKS 43-76	N/A	39	7	5	10.4	54.4	1,895	f

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

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Thrall
2025 Grain Sorghum Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)
Mean			44	4	1.0	11.6	56.4	3,149
C.V. %			9.9	30.5		6.7	2.3	18.7
P>f (hybrid)			0.011			0.004	0.000	0.000

Agronomic information

Plant Date	3/13/2025
Harvest Date	8/22/2025
Irrigated	No
Row Spacing (in)	30
Number of Rows	2
Target Seeds per Acre	65,000
Precipitation (in)	25.05
Irrigation (in)	

Herbicide

1 qt/ac Roundup + 6 oz/ac Explorer + 16 oz/ac Outlook sprayed 3/20/25

Soil Type	Burleson clay
Tillage	Conventional
Previous Crop	Corn

Trial Notes

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

Cooperator: Stiles Farm Foundation

Four replications of each hybrid are planted in a randomized block design. Grain yield was analyzed using a linear mixed model (REML) with hybrid as a fixed effect, block as a random effect, and exponential spatial correlation structure based on plot coordinates. LSD provided when hybrid significant at $p < 0.05$. Yields highlighted in yellow are not statistically different from the top ranked hybrid. All other hybrids followed by the same letter are considered to have similar yield. 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 using MeteoStat in Python 3.11. For additional information contact:

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979-321-5939 / 979-845-8505

Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	59	pH	6.3
P (ppm)*	101	Conductivity (umho/cm)	299
K (ppm)*	201	Ca (ppm)*	4,386
S (ppm)*	65	Mg (ppm)*	660
		Na (ppm)*	12

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

TEXAS A&M UNIVERSITY
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Thrall
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Plant Population per Acre	Heads per Acre	Plant Stand %	Mean Tiller # per Plant	Lodging (%)	Head Size lb/head	Weathering Rating (0-9)	Iron Chlorosis Rating
Integra	G3640	42,907	50,094	66	0.26	0	0.08		
Integra	G3665	47,045	50,094	72	0.28	0	0.08		
Integra	G3711		39,857	63	0.15	10	0.07		
Dyna-Gro	M60GB31		31,145	50	0.07	0	0.07		
Dyna-Gro	M62GB36	33,977	46,391	52	0.38	0	0.07		
Dyna-Gro	M64GB05 DT	34,848	43,560	54	0.25	0	0.06		
Dyna-Gro	M66GR32	34,412	42,907	53	0.45	0	0.07		
Dyna-Gro	M67GB87	28,314	44,649	44	0.57	0	0.06		
Dyna-Gro	M70GR37	34,630	38,986	53	0.18	0	0.07		
DEKALB	DKS 36-07	44,867	47,916	69	0.10	0	0.07		
DEKALB	DKS 40-76		35,937	59	0.15	0	0.09		
DEKALB	DKS 43-76	30,928	31,799	48	0.08	5	0.06		
DEKALB	DKS 44-07	43,778	51,401	67	0.17	0	0.09		
DEKALB	DKS 45-60	45,302	51,836	70	0.21	0	0.08		
DEKALB	DKS 49-76	35,937	42,471	55	0.18	0	0.07		

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Thrall
2025 Grain Sorghum Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Plant Population per Acre	Heads per Acre	Plant Stand %	Mean Tiller # per Plant	Lodging (%)	Head Size lb/head	Weathering Rating (0-9)	Iron Chlorosis Rating
Mean		37,897	43,270	58	0.23	1	0.07		

Agronomic information

Plant Date	3/13/2025
Harvest Date	8/22/2025
Irrigated	No
Row Spacing (in)	30
Number of Rows	2
Target Seeds per Acre	65,000
Precipitation (in)	25.05
Irrigation (in)	

Herbicide

1 qt/ac Roundup + 6 oz/ac Explorer + 16 oz/ac Outlook sprayed 3/20/25

Soil Type	Burleson clay
Tillage	Conventional
Previous Crop	Corn

Trial Notes

Cooperator: Stiles Farm Foundation

Four replications of each hybrid are planted in a randomized block design. 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. For additional information contact:

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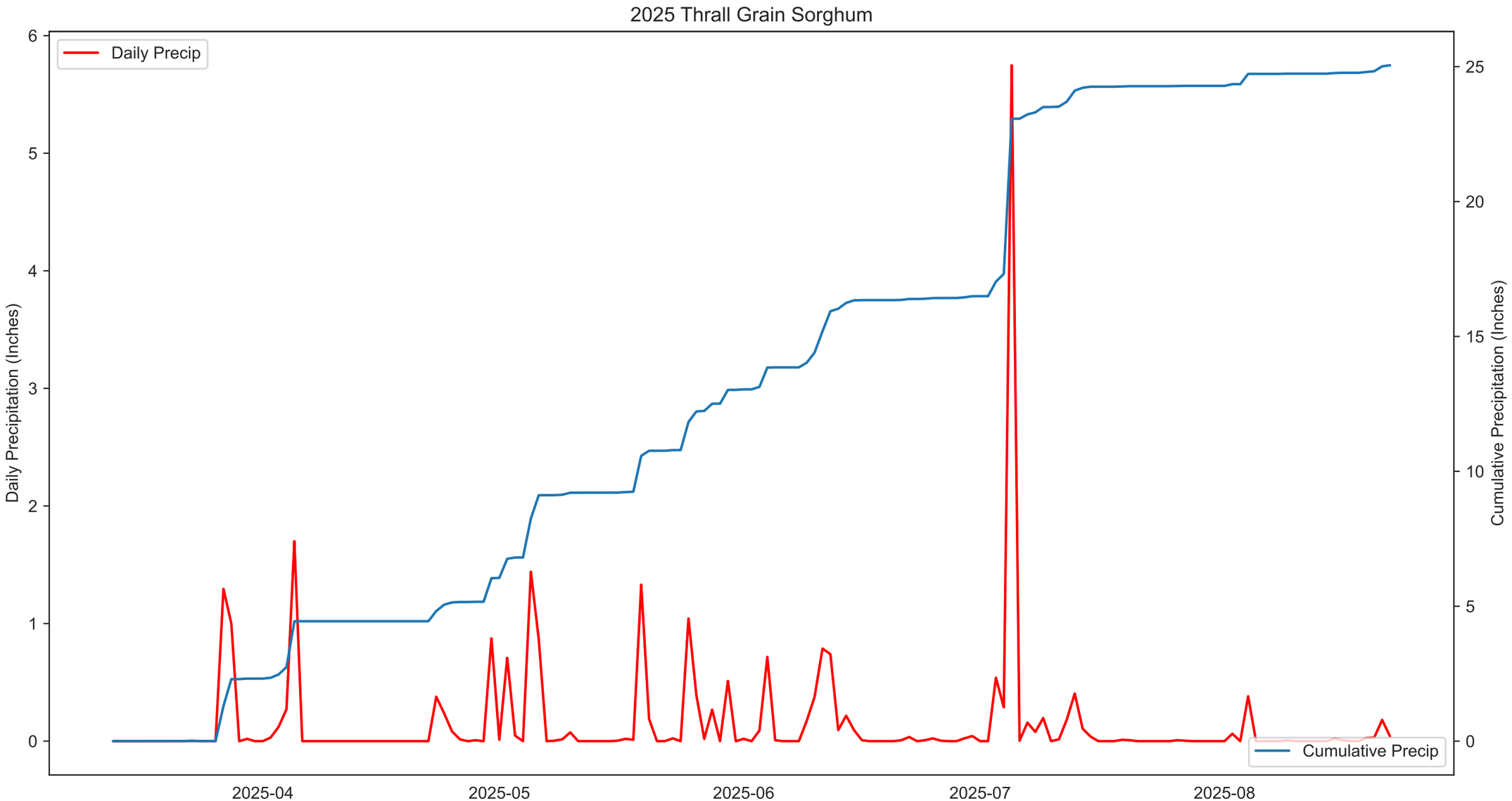
** Samples collected at planting, some locations may have applied fertilizer

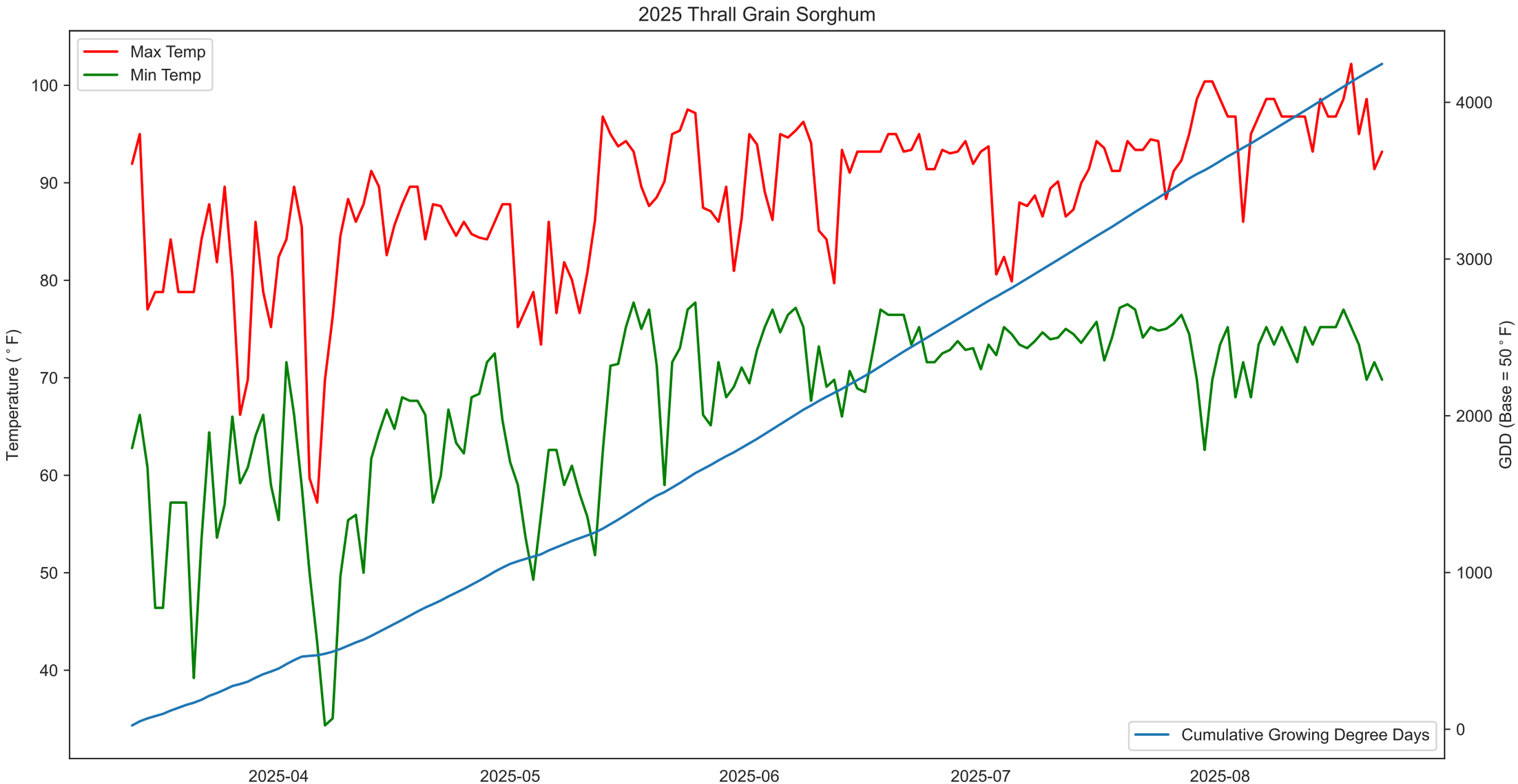
Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	59	pH	6.3
P (ppm)*	101	Conductivity (umho/cm)	299
K (ppm)*	201	Ca (ppm)*	4,386
S (ppm)*	65	Mg (ppm)*	660
		Na (ppm)*	12


2025 Thrall Grain Sorghum
Daily Precip
Cumulative Precip
Daily Precipitation (Inches)
Cumulative Precipitation (Inches)
0
1
2
3
4
5
6
0
5
10
15
20
25
2025-04
2025-05
2025-06
2025-07
2025-08


2025 Thrall Grain Sorghum
Max Temp
Min Temp
Cumulative Growing Degree Days
Temperature (°F)
GDD (Base = 50°F)
100
90
80
70
60
50
40
4000
3000
2000
1000
0
2025-04
2025-05
2025-06
2025-07
2025-08

Grain Sorghum
Thrall
Multi-Year Summary

Company	Brand	Hybrid	2 YR AVG Yield lb/Acre	3 YR AVG Yield lb/Acre
Bayer	DEKALB	DKS 44-07	5,112	4,668
Bayer	DEKALB	DKS 45-60	4,792	4,348
Nutrien Ag	Dyna-Gro	M70GR37	4,676	
Wilbur-Ellis Company	Integra	G3665	4,582	4,113
Nutrien Ag	Dyna-Gro	M66GR32	4,440	
Wilbur-Ellis Company	Integra	G3711	4,316	4,027
Wilbur-Ellis Company	Integra	G3640	4,275	3,993
Bayer	DEKALB	DKS 40-76	4,086	3,810
Nutrien Ag	Dyna-Gro	M62GB36	3,995	
Bayer	DEKALB	DKS 36-07	3,966	
Nutrien Ag	Dyna-Gro	M67GB87	3,596	3,301
Nutrien Ag	Dyna-Gro	M60GB31	3,455	3,268

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.

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Soil & Crop Sciences

Hillsboro
2025 Grain Sorghum Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)	
DEKALB	DKS 44-07	86	53	4	0	12.1	63.0	7,336	a
Integra	G3665	89	54	4	0	11.2	59.8	7,123	a
Integra	G3711	88	57	5	0	12.4	63.4	7,049	ab
Dyna-Gro	M62GB36	86	50	5	0	11.9	62.5	6,342	abc
Dyna-Gro	M70GR37	89	54	4	0	12.4	62.6	6,341	abc
DEKALB	DKS 40-76	85	52	5	0	11.6	61.8	5,810	bc
DEKALB	DKS 43-76	88	53	5	0	11.8	61.8	5,805	bc
Dyna-Gro	M60GB31	88	46	3	0	11.4	61.5	5,735	c
DEKALB	DKS 36-07	85	53	4	0	11.8	62.2	5,715	c
DEKALB	DKS 45-60	88	53	5	0	12.4	62.7	5,699	c
DEKALB	DKS 49-76	91	53	3	0	11.4	60.8	5,578	c
Integra	G3640	88	50	5	0	11.4	62.0	5,539	c
Dyna-Gro	M66GR32	89	56	5	0	12.6	63.3	5,260	c

*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

Hillsboro
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)
Mean		88	53	4	0.0	11.9	62.1	6,103
C.V. %		2.1	3.4	30.3		3.8	0.9	14.2
P>f (hybrid)		0.003	0.000			0.001	0.000	0.021

Agronomic information

Plant Date	3/26/2025
Harvest Date	8/19/2025
Irrigated	No
Row Spacing (in)	30
Number of Rows	2
Target Seeds per Acre	65,000
Precipitation (in)	21.07
Irrigation (in)	
Herbicide	
Soil Type	Branyon clay
Tillage	Conventional
Previous Crop	Wheat

Trial Notes

Cooperator: Josh Birdwell

Four replications of each hybrid are planted in a randomized block design. Grain yield was analyzed using a linear mixed model (REML) with hybrid as a fixed effect, block as a random effect, and exponential spatial correlation structure based on plot coordinates. LSD provided when hybrid significant at $p < 0.05$. Yields highlighted in yellow are not statistically different from the top ranked hybrid. All other hybrids followed by the same letter are considered to have similar yield. 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 using MeteoStat in Python 3.11. For additional information contact:

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** Samples collected at planting, some locations may have applied fertilizer

Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	19	pH	7.7
P (ppm)*	36	Conductivity (umho/cm)	169
K (ppm)*	188	Ca (ppm)*	8,344
S (ppm)*	103	Mg (ppm)*	276
		Na (ppm)*	14

*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

Hillsboro
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Plant Population per Acre	Heads per Acre	Plant Stand %	Mean Tiller # per Plant	Lodging (%)	Head Size lb/head	Weathering Rating (0-9)	Iron Chlorosis Rating
Integra	G3640	30,492	36,881	47	0.22	0	0.15		
Integra	G3665	50,239	53,724	77	0.15	0	0.13		
Integra	G3711		52,272	84		0	0.13		
Dyna-Gro	M60GB31		43,342	67	0.06	0	0.13		
Dyna-Gro	M62GB36	31,363	36,590	48	0.17	0	0.18		
Dyna-Gro	M66GR32	28,096	37,679	43	0.54	0	0.15		
Dyna-Gro	M70GR37	24,103	32,234	37	0.30	0	0.21		
DEKALB	DKS 36-07	42,253	46,827	65	0.20	0	0.12		
DEKALB	DKS 40-76		45,956	73	0.04	0	0.13		
DEKALB	DKS 43-76	32,017	35,719	49	0.51	0	0.17		
DEKALB	DKS 44-07	46,827	49,658	72	0.11	0	0.15		
DEKALB	DKS 45-60	37,897	39,857	58	0.07	0	0.14		
DEKALB	DKS 49-76	28,314	40,293	44	0.46	0	0.14		

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Hillsboro
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Plant Population per Acre	Heads per Acre	Plant Stand %	Mean Tiller # per Plant	Lodging (%)	Head Size lb/head	Weathering Rating (0-9)	Iron Chlorosis Rating
Mean		38,243	42,387	59	0.24	0	0.15		

Agronomic information

Plant Date	3/26/2025
Harvest Date	8/19/2025
Irrigated	No
Row Spacing (in)	30
Number of Rows	2
Target Seeds per Acre	65,000
Precipitation (in)	21.07
Irrigation (in)	
Herbicide	
Soil Type	Branyon clay
Tillage	Conventional
Previous Crop	Wheat

Trial Notes

Cooperator: Josh Birdwell

Four replications of each hybrid are planted in a randomized block design. 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. 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

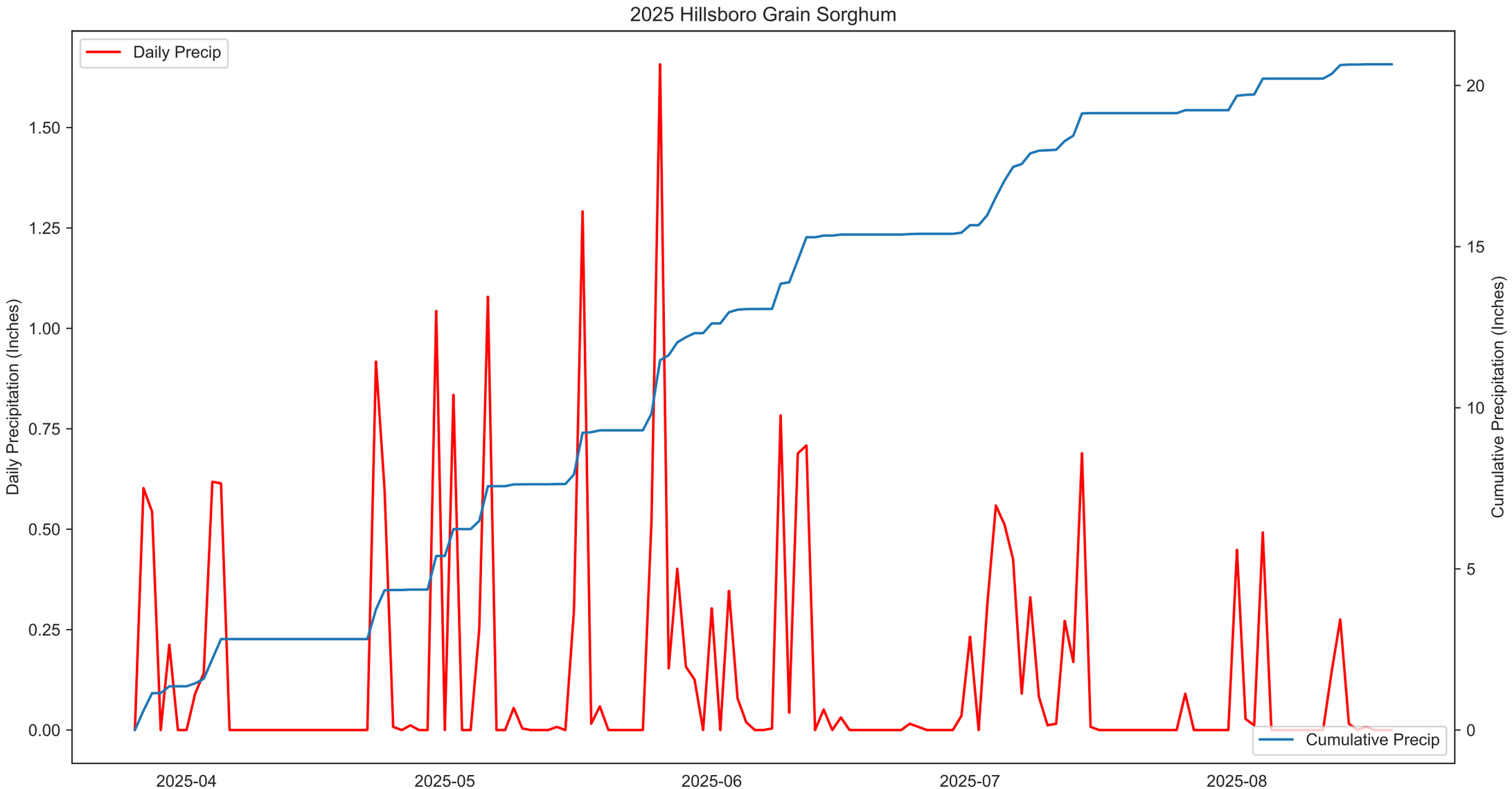
* Mehlich 3 by ICP, soiltesting.tamu.edu
** Samples collected at planting, some locations may have applied fertilizer

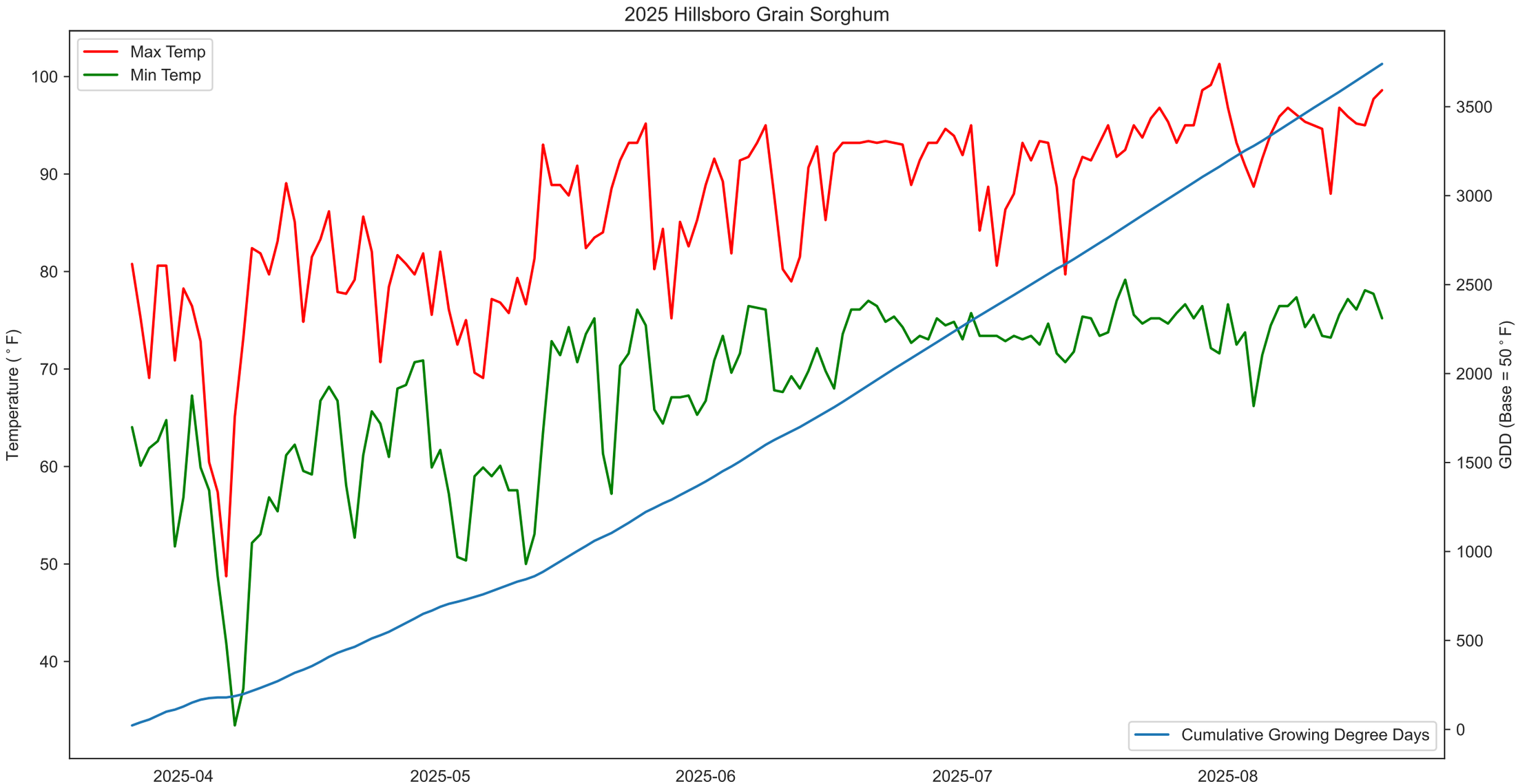
Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	19	pH	7.7
P (ppm)*	36	Conductivity (umho/cm)	169
K (ppm)*	188	Ca (ppm)*	8,344
S (ppm)*	103	Mg (ppm)*	276
		Na (ppm)*	14


2025 Hillsboro Grain Sorghum
Daily Precip
Cumulative Precip
Daily Precipitation (Inches)
Cumulative Precipitation (Inches)
0.00
0.25
0.50
0.75
1.00
1.25
1.50
0
5
10
15
20
2025-04
2025-05
2025-06
2025-07
2025-08


2025 Hillsboro Grain Sorghum
Max Temp
Min Temp
Cumulative Growing Degree Days
Temperature (° F)
GDD (Base = 50 ° F)
100
90
80
70
60
50
40
3500
3000
2500
2000
1500
1000
500
0
2025-04
2025-05
2025-06
2025-07
2025-08

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

San Angelo
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)	
DEKALB	DKS 36-07	N/A	35	2	0	10.3	53.1	2,180	a
Sorghum Partners	SP65M60	N/A	37	2	0	9.5	48.8	2,134	a
Sorghum Partners	SP43M80	N/A	38	2	0	11.1	53.5	1,920	ab
DEKALB	DKS 45-60	N/A	36	2	0	9.8	49.6	1,629	bc
DEKALB	DKS 43-76	N/A	37	2	0	10.0	50.0	1,622	bc
Alta Seeds	ADVG 1125IG	N/A	36	1	0	9.6	49.9	1,584	bc
Dyna-Gro	M59GB94	N/A	36	2	0	10.1	51.1	1,541	c
DEKALB	DKS 44-07	N/A	37	1	0	9.2	47.7	1,511	cd
Integra	G3665	N/A	37	1	0	9.3	44.9	1,443	cd
Dyna-Gro	M54GR24	N/A	34	5	0	9.8	49.8	1,441	cd
DEKALB	DKS 49-76	N/A	37	1	0	9.5	47.7	1,406	cde
Dyna-Gro	M62GB36	N/A	36	2	0	9.4	49.1	1,369	cdef
Dyna-Gro	M66GR32	N/A	38	2	0	9.3	47.4	1,363	cdef
Integra	G3640	N/A	38	2	0	9.8	48.0	1,327	cdef
DEKALB	DKS 40-76	N/A	37	3	0	9.2	48.1	1,288	cdefg
Alta Seeds	ADVG 2165	N/A	37	2	0	9.6	48.4	1,156	defgh
Sorghum Partners	SP66M16	N/A	37	2	0	9.0	46.2	1,151	defgh
Dyna-Gro	M67GB87	N/A	40	3	0	9.2	45.0	1,075	efghi
Sorghum Partners	SP59C30 DT2	N/A	34	1	0	9.3	47.7	1,066	efghi
Dyna-Gro	M70GR37	N/A	39	3	0	10.0	45.5	1,025	fghi

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

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San Angelo
2025 Grain Sorghum Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)	
Alta Seeds	ADVG 3127	N/A	38	3	0	9.2	44.3	941	ghi
Integra	G3711	N/A	42	3	0	9.4	46.0	868	hi
Sorghum Partners	SP62M22 DT2	N/A	41	2	0	9.4	47.8	764	i

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

TEXAS A&M UNIVERSITY
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San Angelo
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)
Mean			37	2	0.0	9.6	48.2	1,383
C.V. %			9.3	54.5		5.1	3.8	19.2
P>f (hybrid)			0.290			0.000	0.000	0.000

Agronomic information

Plant Date	4/15/2025
Harvest Date	9/10/2025
Irrigated	No
Row Spacing (in)	40
Number of Rows	2
Target Seeds per Acre	30,000
Precipitation (in)	19.31
Irrigation (in)	
Herbicide	
Soil Type	Angelo clay loam
Tillage	Conventional
Previous Crop	Cotton

Trial Notes

*Weather data acquired from nearest weather station (Mathis Field - 13.9 miles away). Actual rainfall total at field site was likely lower.

Cooperator: Brandon Ripple

Four replications of each hybrid are planted in a randomized block design. Grain yield was analyzed using a linear mixed model (REML) with hybrid as a fixed effect, block as a random effect, and exponential spatial correlation structure based on plot coordinates. LSD provided when hybrid significant at $p < 0.05$. Yields highlighted in yellow are not statistically different from the top ranked hybrid. All other hybrids followed by the same letter are considered to have similar yield. 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 using MeteoStat in Python 3.11. For additional information contact:

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

Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	35	pH	8.1
P (ppm)*	47	Conductivity (umho/cm)	997
K (ppm)*	654	Ca (ppm)*	12,260
S (ppm)*	329	Mg (ppm)*	932
		Na (ppm)*	228

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

TEXAS A&M UNIVERSITY
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San Angelo
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Plant Population per Acre	Heads per Acre	Plant Stand %	Mean Tiller # per Plant	Lodging (%)	Head Size lb/head	Weathering Rating (0-9)	Iron Chlorosis Rating
Sorghum Partners	SP43M80	26,136	41,654	87	0.59	0	0.05		
Sorghum Partners	SP59C30 DT2	18,132	27,606	60	0.54	0	0.04		
Sorghum Partners	SP62M22 DT2	23,196	39,041	77	0.69	0	0.02		
Sorghum Partners	SP65M60	23,849	40,674	79	0.71	0	0.05		
Sorghum Partners	SP66M16	23,849	40,674	79	0.71	0	0.03		
Integra	G3640	21,726	34,630	72	0.64	0	0.04		
Integra	G3665	26,136	39,531	87	0.51	0	0.04		
Integra	G3711	24,829	43,451	83	0.74	0	0.02		
Dyna-Gro	M54GR24	25,156	42,634	84	0.72	0	0.03		
Dyna-Gro	M59GB94	22,216	39,857	74	0.80	0	0.04		
Dyna-Gro	M62GB36	21,236	35,937	71	0.71	0	0.04		
Dyna-Gro	M66GR32	20,419	39,041	68	0.92	0	0.04		
Dyna-Gro	M67GB87	20,092	43,288	67	1.17	0	0.03		
Dyna-Gro	M70GR37	19,602	37,734	65	0.95	0	0.03		
DEKALB	DKS 36-07	25,973	37,244	87	0.45	0	0.06		
DEKALB	DKS 40-76	24,829	38,061	83	0.54	0	0.03		
DEKALB	DKS 43-76	22,216	32,833	74	0.49	0	0.05		
DEKALB	DKS 44-07	24,829	39,367	83	0.59	0	0.04		
DEKALB	DKS 45-60	25,646	35,774	85	0.39	0	0.05		
DEKALB	DKS 49-76	24,339	33,650	81	0.39	0	0.04		
Alta Seeds	ADVG 1125IG	21,344	34,630	71	0.64	0	0.05		
Alta Seeds	ADVG 2165	18,785	33,977	63	0.81	0	0.04		

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San Angelo
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Plant Population per Acre	Heads per Acre	Plant Stand %	Mean Tiller # per Plant	Lodging (%)	Head Size lb/head	Weathering Rating (0-9)	Iron Chlorosis Rating
Alta Seeds	ADVG 3127	23,359	40,347	78	0.75	0	0.02		

TEXAS A&M UNIVERSITY
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San Angelo
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Plant Population per Acre	Heads per Acre	Plant Stand %	Mean Tiller # per Plant	Lodging (%)	Head Size lb/head	Weathering Rating (0-9)	Iron Chlorosis Rating
Mean		22,952	37,897	77	0.67	0	0.04		

Agronomic information

Plant Date	4/15/2025
Harvest Date	9/10/2025
Irrigated	No
Row Spacing (in)	40
Number of Rows	2
Target Seeds per Acre	30,000
Precipitation (in)	19.31
Irrigation (in)	
Herbicide	
Soil Type	Angelo clay loam
Tillage	Conventional
Previous Crop	Cotton

Trial Notes

*Weather data acquired from nearest weather station (Mathis Field - 13.9 miles away). Actual rainfall total at field site was likely lower.

Cooperator: Brandon Ripple

Four replications of each hybrid are planted in a randomized block design. 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. For additional information contact:

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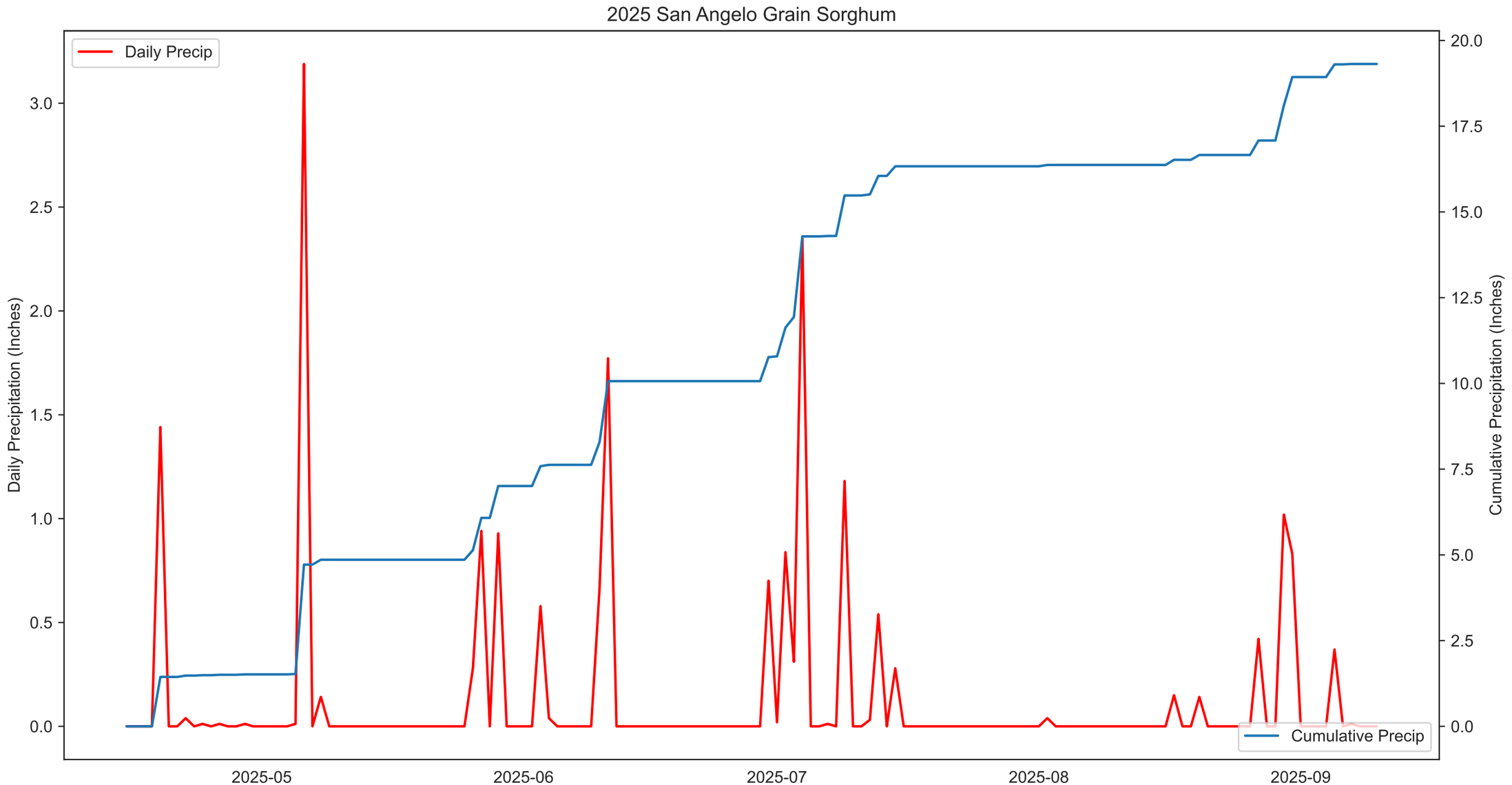
* Mehlich 3 by ICP, soiltesting.tamu.edu
** Samples collected at planting, some locations may have applied fertilizer

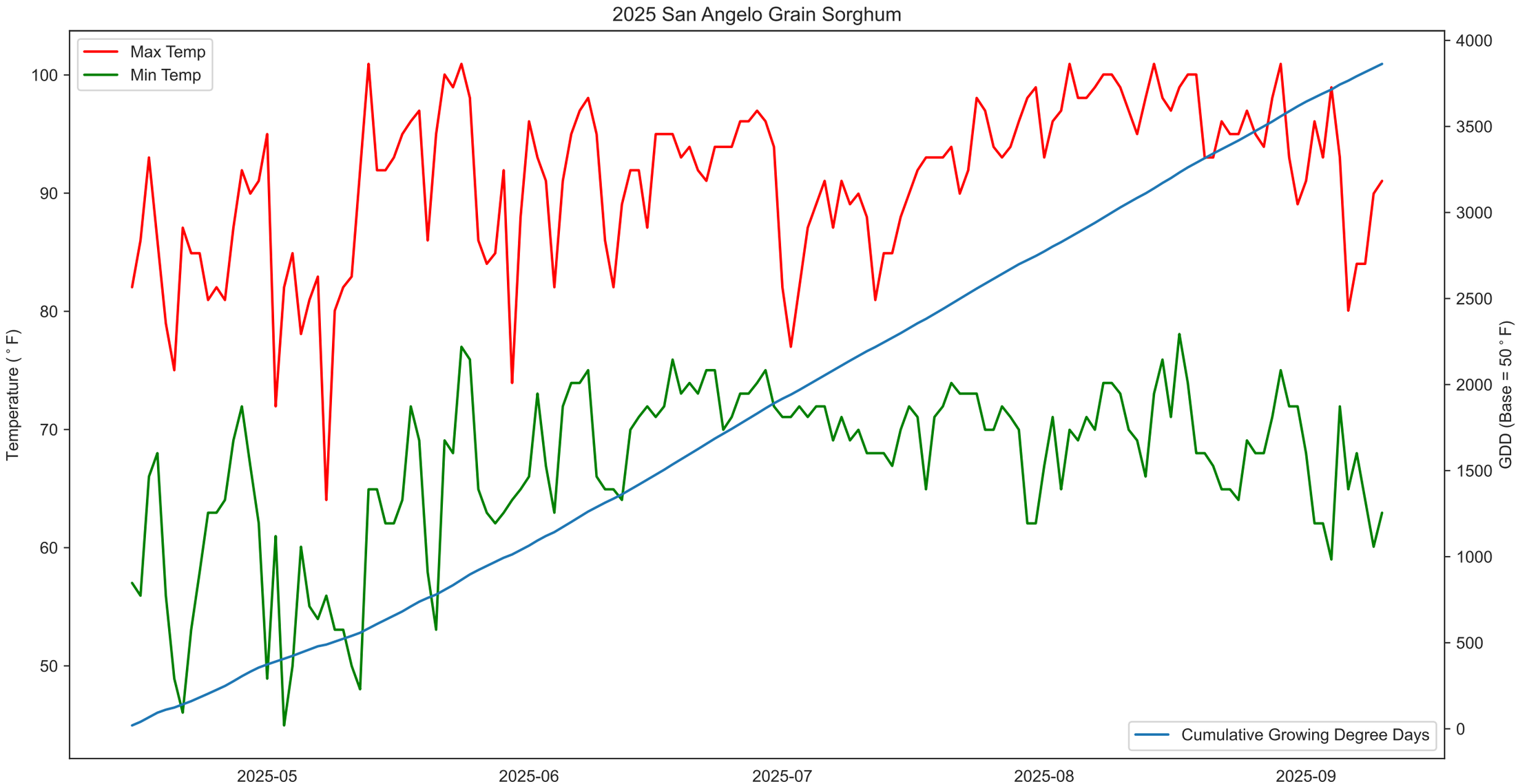
Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	35	pH	8.1
P (ppm)*	47	Conductivity (umho/cm)	997
K (ppm)*	654	Ca (ppm)*	12,260
S (ppm)*	329	Mg (ppm)*	932
		Na (ppm)*	228


2025 San Angelo Grain Sorghum
Daily Precip
Cumulative Precip
Daily Precipitation (Inches)
Cumulative Precipitation (Inches)
0.0
0.5
1.0
1.5
2.0
2.5
3.0
0.0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
2025-05
2025-06
2025-07
2025-08
2025-09


2025 San Angelo Grain Sorghum
Max Temp
Min Temp
Cumulative Growing Degree Days
Temperature (° F)
GDD (Base = 50 ° F)
100
90
80
70
60
50
4000
3500
3000
2500
2000
1500
1000
500
0
2025-05
2025-06
2025-07
2025-08
2025-09

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Lubbock
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)
Integra	G3665	N/A	44	1	0	10.4	54.8	3,794
Dyna-Gro	M59GB94	N/A	46	3	0	11.1	59.8	3,761
DEKALB	DKS 49-76	N/A	42	2	0	10.9	57.8	3,715
Integra	G3640	N/A	40	1	0	11.0	57.8	3,561
DEKALB	DKS 44-07	N/A	43	1	0	11.1	60.1	3,490
DEKALB	DKS 43-76	N/A	43	1	0	11.4	58.7	3,464
Dyna-Gro	M70GR37	N/A	41	1	0	11.6	59.5	3,417
Alta Seeds	ADVG 2165	N/A	40	1	0	11.8	59.9	3,271
Alta Seeds	ADVG 1125IG	N/A	43	2	0	10.8	57.5	3,153
DEKALB	DKS 36-07	N/A	38	2	0	11.2	58.6	3,139
Dyna-Gro	M62GB36	N/A	40	0	0	11.0	57.7	3,073
Integra	G3711	N/A	44	1	0	10.7	58.6	2,920
Dyna-Gro	M66GR32	N/A	46	2	0	11.3	58.5	2,910
Alta Seeds	ADVG 1329	N/A	35	0	0	10.8	57.0	2,856
Dyna-Gro	M67GB87	N/A	43	1	0	9.5	54.4	2,842
Dyna-Gro	M60GB31	N/A	37	1	0	11.2	58.4	2,809
DEKALB	DKS 45-60	N/A	35	0	0	11.4	59.2	2,707
DEKALB	DKS 40-76	N/A	40	1	0	10.5	56.6	2,639
West Gaines Seed	EXP WG817C	N/A	35	1	0	10.8	57.5	2,438
Dyna-Gro	M54GR24	N/A	43	5	0	10.2	56.0	2,398

*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

Lubbock
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)
Dyna-Gro	M64GB05 DT	N/A	36	0	0	8.9	56.0	2,108

*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

Lubbock
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)
Mean			41	1	0.0	10.8	57.8	3,070
C.V. %			9.9	94.9		5.2	2.3	19.8
P>f (hybrid)			0.016			0.001	0.000	0.084

Agronomic information

Plant Date	6/4/2025
Harvest Date	11/19/2025
Irrigated	No
Row Spacing (in)	40
Number of Rows	2
Target Seeds per Acre	45,000
Precipitation (in)	12.85
Irrigation (in)	
Herbicide	
Soil Type	Pullman clay loam
Tillage	Conventional
Previous Crop	Wheat

Trial Notes

Cooperator:

Four replications of each hybrid are planted in a randomized block design. Grain yield was analyzed using a linear mixed model (REML) with hybrid as a fixed effect, block as a random effect, and exponential spatial correlation structure based on plot coordinates. LSD provided when hybrid significant at $p < 0.05$. Yields highlighted in yellow are not statistically different from the top ranked hybrid. All other hybrids followed by the same letter are considered to have similar yield. 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 using MeteoStat in Python 3.11. For additional information contact:

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

Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	30	pH	7.8
P (ppm)*	66	Conductivity (umho/cm)	305
K (ppm)*	928	Ca (ppm)*	2,324
S (ppm)*	38	Mg (ppm)*	921
		Na (ppm)*	64

*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

Lubbock
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Plant Population per Acre	Heads per Acre	Plant Stand %	Mean Tiller # per Plant	Lodging (%)	Head Size lb/head	Weathering Rating (0-9)	Iron Chlorosis Rating
West Gaines Seed	EXP WG817C	38,768	39,857	86	0.04	0	0.06		
Integra	G3640	36,264	41,818	81	0.15	0	0.09		
Integra	G3665	40,511	43,996	90	0.14	0	0.09		
Integra	G3711		38,551	90		0	0.08		
Dyna-Gro	M54GR24	32,452	41,382	72	0.28	0	0.07		
Dyna-Gro	M59GB94	37,244	38,877	83	0.09	0	0.10		
Dyna-Gro	M60GB31	37,571	55,866	83	0.49	0	0.05		
Dyna-Gro	M62GB36	35,284	38,551	78	0.09	0	0.08		
Dyna-Gro	M64GB05 DT	31,690	33,323	70	0.10	0	0.07		
Dyna-Gro	M66GR32	35,284	38,551	78	0.18	0	0.08		
Dyna-Gro	M67GB87	32,017	34,304	71	0.08	0	0.09		
Dyna-Gro	M70GR37	34,630	45,302	77	0.30	0	0.08		
DEKALB	DKS 36-07	42,144	48,352	94	0.14	0	0.07		
DEKALB	DKS 40-76	39,857	40,946	89	0.03	0	0.07		
DEKALB	DKS 43-76	37,897	43,778	84	0.24	0	0.08		
DEKALB	DKS 44-07	38,224	38,551	85	0.02	0	0.10		
DEKALB	DKS 45-60	40,674	47,535	90	0.45	0	0.06		
DEKALB	DKS 49-76	37,571	39,204	83	0.09	0	0.09		
Alta Seeds	ADVG 1125IG	35,610	39,204	79	0.16	0	0.08		
Alta Seeds	ADVG 1329	32,670	37,080	73	0.14	0	0.07		
Alta Seeds	ADVG 2165	32,888	34,848	73	0.18	0	0.09		

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Lubbock
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Plant Population per Acre	Heads per Acre	Plant Stand %	Mean Tiller # per Plant	Lodging (%)	Head Size lb/head	Weathering Rating (0-9)	Iron Chlorosis Rating
Mean		36,655	40,946	81	0.17	0	0.08		

Agronomic information

Plant Date	6/4/2025
Harvest Date	11/19/2025
Irrigated	No
Row Spacing (in)	40
Number of Rows	2
Target Seeds per Acre	45,000
Precipitation (in)	12.85
Irrigation (in)	
Herbicide	
Soil Type	Pullman clay loam
Tillage	Conventional
Previous Crop	Wheat

Trial Notes

Cooperator:

Four replications of each hybrid are planted in a randomized block design. 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. For additional information contact:

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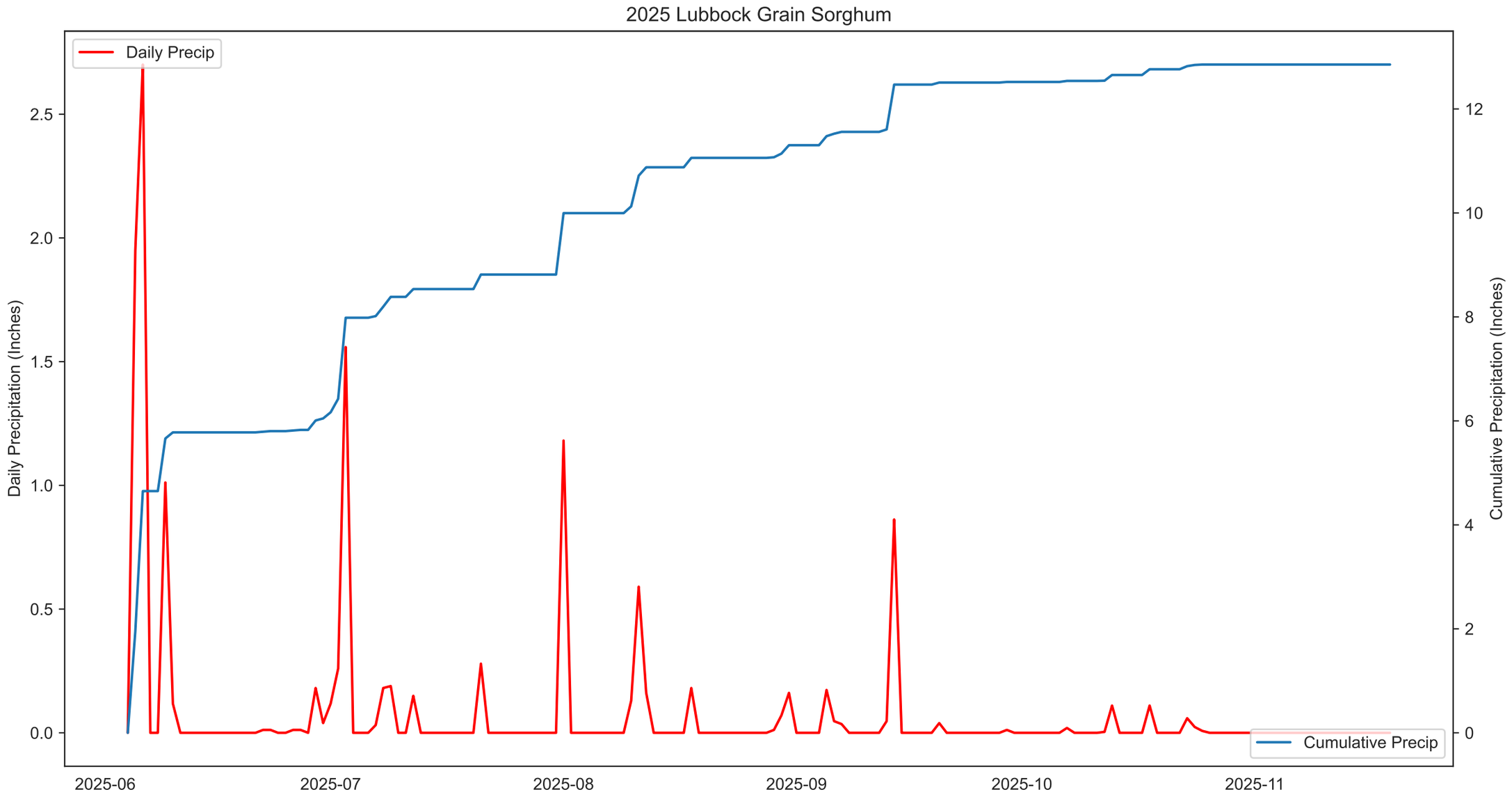
* Mehlich 3 by ICP, soiltesting.tamu.edu
** Samples collected at planting, some locations may have applied fertilizer

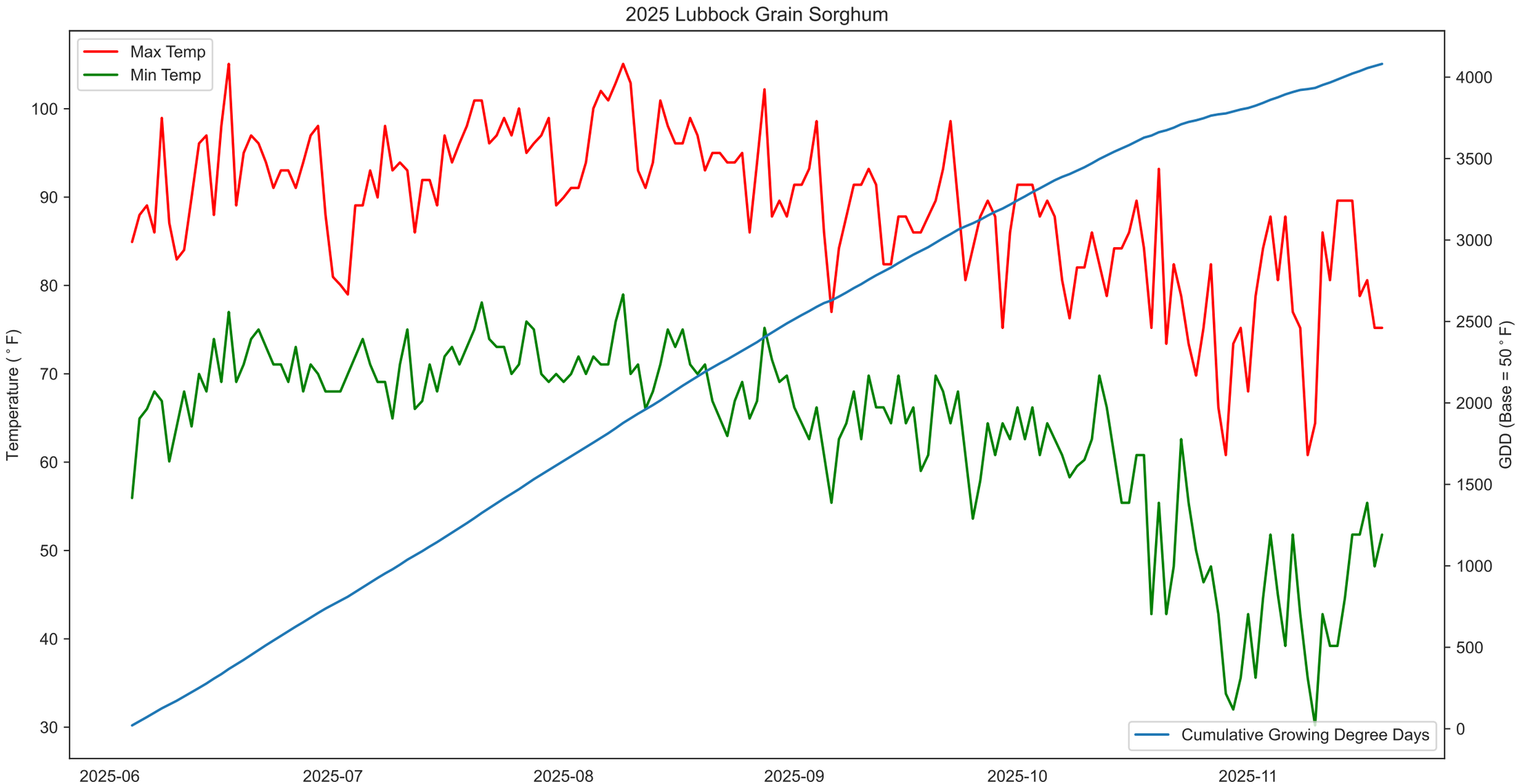
Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	30	pH	7.8
P (ppm)*	66	Conductivity (umho/cm)	305
K (ppm)*	928	Ca (ppm)*	2,324
S (ppm)*	38	Mg (ppm)*	921
		Na (ppm)*	64


2025 Lubbock Grain Sorghum
Daily Precip
Cumulative Precip
Daily Precipitation (Inches)
Cumulative Precipitation (Inches)
0.0
0.5
1.0
1.5
2.0
2.5
0
2
4
6
8
10
12
2025-06
2025-07
2025-08
2025-09
2025-10
2025-11


2025 Lubbock Grain Sorghum
Max Temp
Min Temp
Cumulative Growing Degree Days
Temperature (° F)
GDD (Base = 50 ° F)
100
90
80
70
60
50
40
30
4000
3500
3000
2500
2000
1500
1000
500
0
2025-06
2025-07
2025-08
2025-09
2025-10
2025-11

TEXAS A&M UNIVERSITY
Soil & Crop Sciences

Sunray
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)	
Integra	G3640	N/A	49	4	0	14.8	62.2	7,784	a
DEKALB	DKS 40-76	N/A	51	4	0	16.2	61.5	7,371	ab
Alta Seeds	ADVG 2165	N/A	48	2	0	16.1	62.2	7,335	ab
Dyna-Gro	M66GR32	N/A	50	3	0	15.6	62.3	6,905	abc
DEKALB	DKS 44-07	N/A	48	3	0	14.6	63.7	6,887	bc
DEKALB	DKS 43-76	N/A	52	4	0	15.7	63.0	6,880	bc
Dyna-Gro	M62GB36	N/A	51	4	0	15.4	61.7	6,827	bc
DEKALB	DKS 49-76	N/A	50	3	1	14.9	62.5	6,809	bc
Integra	G3665	N/A	50	3	0	13.4	59.6	6,750	bc
Alta Seeds	ADVG 1125IG	N/A	45	2	0	14.1	61.6	6,542	bcd
West Gaines Seed	EXP WG817C	N/A	50	4	0	15.7	61.3	6,484	cd
DEKALB	DKS 36-07	N/A	48	2	0	13.4	61.1	6,361	cd
DEKALB	DKS 45-60	N/A	51	4	0	16.9	61.9	6,354	cd
Dyna-Gro	M70GR37	N/A	50	2	8	16.0	62.7	6,331	cd
Integra	G3711	N/A	50	3	18	15.4	63.9	6,304	cd
Dyna-Gro	M59GB94	N/A	49	3	0	14.5	61.7	6,174	cd
Dyna-Gro	M62GC23	N/A	45	1	0	12.1	57.0	5,682	de
Alta Seeds	ADVG 1329	N/A	36	1	0	13.4	59.1	5,057	e

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

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Sunray
2025 Grain Sorghum Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)
Mean			48	3	1.5	14.9	61.6	6,602
C.V. %			4.6	36.9		4.4	0.8	8.9
P>f (hybrid)			0.000			0.000	0.000	0.000

Agronomic information

Plant Date	6/16/2025
Harvest Date	10/22/2025
Irrigated	Yes
Row Spacing (in)	30
Number of Rows	2
Target Seeds per Acre	45,000
Precipitation (in)	8.49
Irrigation (in)	
Herbicide	
Soil Type	Sherm silty clay loam
Tillage	No-till
Previous Crop	Corn

Trial Notes

Cooperator: Lone Star Family Farms

Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid + blk. R 4.5.0 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. All other hybrids followed by the same letter are considered to have similar yield. 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 using MeteoStat in Python 3.11. For additional information contact:

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** Samples collected at planting, some locations may have applied fertilizer

Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	22	pH	7.9
P (ppm)*	206	Conductivity (umho/cm)	189
K (ppm)*	735	Ca (ppm)*	3,997
S (ppm)*	59	Mg (ppm)*	1,017
		Na (ppm)*	45

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

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Sunray
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Plant Population per Acre	Heads per Acre	Plant Stand %	Mean Tiller # per Plant	Lodging (%)	Head Size lb/head	Weathering Rating (0-9)	Iron Chlorosis Rating
West Gaines Seed	EXP WG817C	33,977	54,886	76	0.66	0	0.12		
Integra	G3640	36,155	60,984	80	0.70	0	0.13		
Integra	G3665	38,333	66,211	85	0.81	0	0.10		
Integra	G3711	37,462	55,103	83	0.48	18	0.11		
Dyna-Gro	M59GB94	37,897	72,963	84	0.95	0	0.09		
Dyna-Gro	M62GB36	34,412	62,291	76	0.82	0	0.11		
Dyna-Gro	M62GC23	37,171	69,406	83	0.88	0	0.08		
Dyna-Gro	M66GR32	41,382	59,677	92	0.44	0	0.12		
Dyna-Gro	M70GR37	33,106	50,312	74	0.53	8	0.13		
DEKALB	DKS 36-07	39,857	62,291	89	0.58	0	0.10		
DEKALB	DKS 40-76	35,937	61,420	80	0.72	0	0.12		
DEKALB	DKS 43-76	39,857	56,846	89	0.46	0	0.12		
DEKALB	DKS 44-07	41,382	60,113	92	0.47	0	0.11		
DEKALB	DKS 45-60	34,412	53,361	76	0.58	0	0.12		
DEKALB	DKS 49-76	35,719	55,321	79	0.55	1	0.12		
Alta Seeds	ADVG 1125IG	36,808	58,370	82	0.60	0	0.11		
Alta Seeds	ADVG 1329	36,373	59,895	81	0.65	0	0.09		
Alta Seeds	ADVG 2165	31,799	53,579	71	0.69	0	0.14		

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Sunray
2025 Grain Sorghum Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Plant Population per Acre	Heads per Acre	Plant Stand %	Mean Tiller # per Plant	Lodging (%)	Head Size lb/head	Weathering Rating (0-9)	Iron Chlorosis Rating
Mean		36,780	59,613	82	0.64	1	0.11		

Agronomic information

Plant Date	6/16/2025
Harvest Date	10/22/2025
Irrigated	Yes
Row Spacing (in)	30
Number of Rows	2
Target Seeds per Acre	45,000
Precipitation (in)	8.49
Irrigation (in)	
Herbicide	
Soil Type	Sherm silty clay loam
Tillage	No-till
Previous Crop	Corn

Trial Notes

Cooperator: Lone Star Family Farms

Four replications of each hybrid are planted in a randomized block design. 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. For additional information contact:

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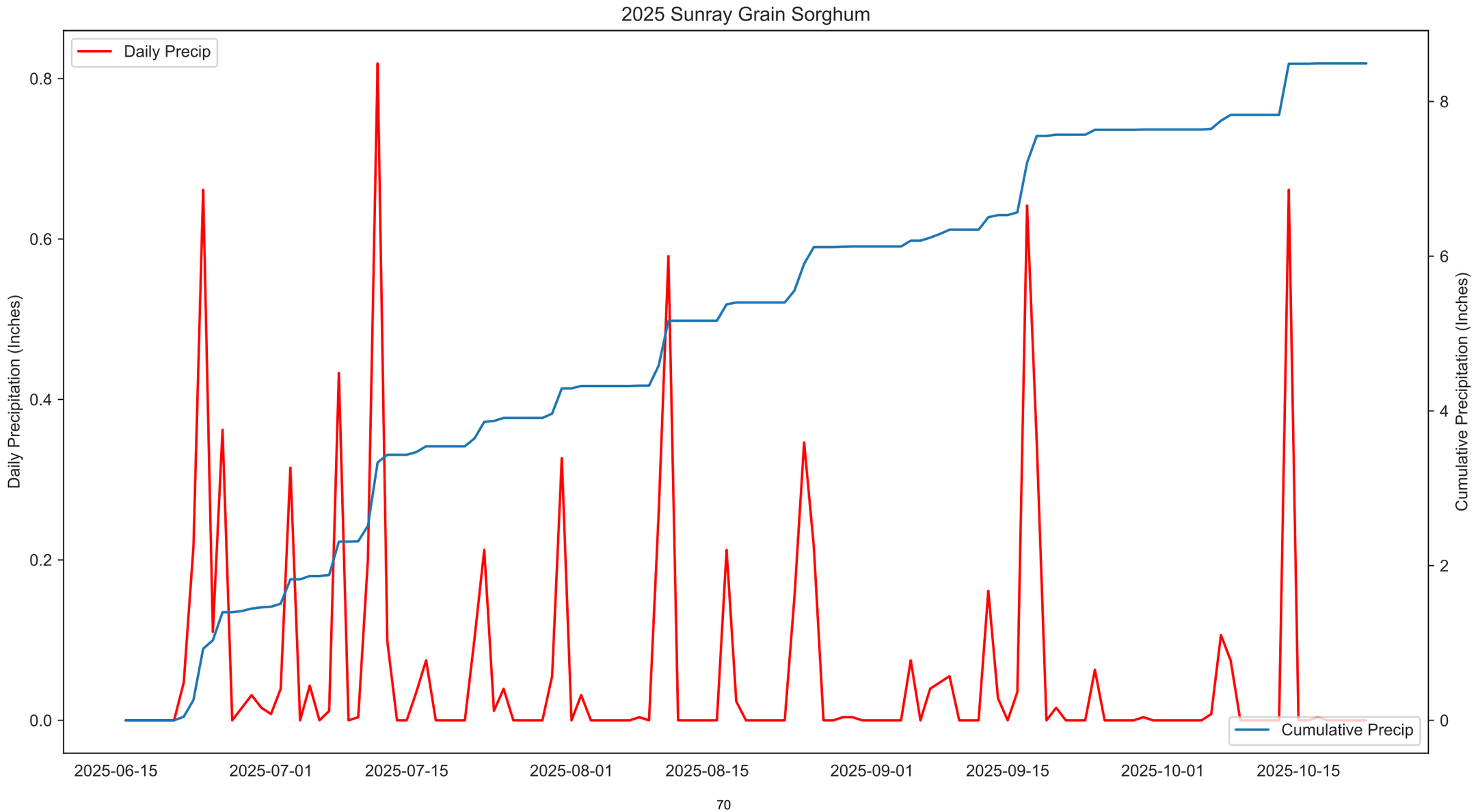
** Samples collected at planting, some locations may have applied fertilizer

Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	22	pH	7.9
P (ppm)*	206	Conductivity (umho/cm)	189
K (ppm)*	735	Ca (ppm)*	3,997
S (ppm)*	59	Mg (ppm)*	1,017
		Na (ppm)*	45


2025 Sunray Grain Sorghum
Daily Precip
Cumulative Precip
Daily Precipitation (Inches)
Cumulative Precipitation (Inches)
0.0
0.2
0.4
0.6
0.8
0
2
4
6
8
2025-06-15
2025-07-01
2025-07-15
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2025-09-01
2025-09-15
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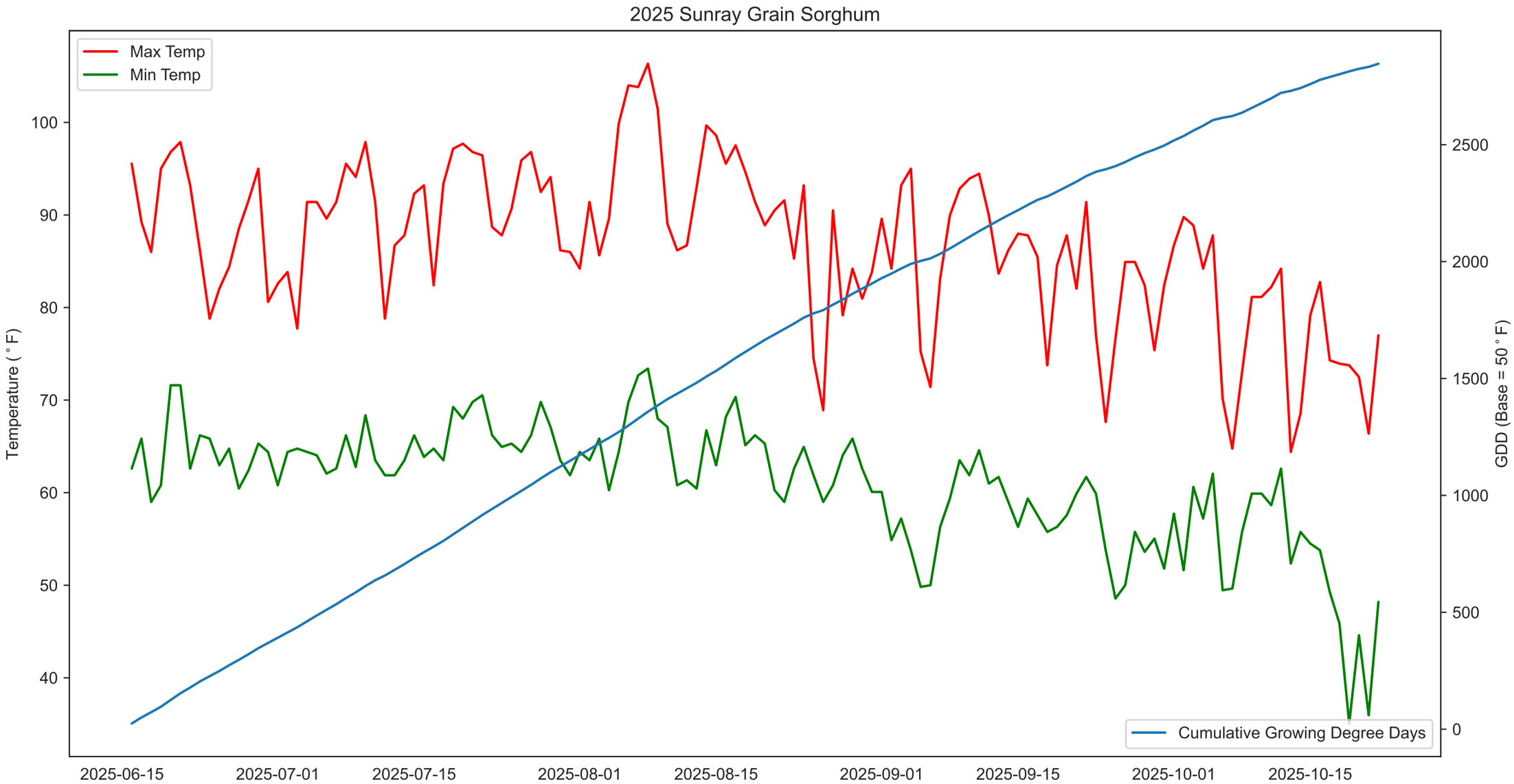
2025 Sunray Grain Sorghum
Max Temp
Min Temp
Cumulative Growing Degree Days
Temperature (° F)
GDD (Base = 50 ° F)
100
90
80
70
60
50
40
2500
2000
1500
1000
500
0
2025-06-15
2025-07-01
2025-07-15
2025-08-01
2025-08-15
2025-09-01
2025-09-15
2025-10-01
2025-10-15

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Perryton
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)	
Dyna-Gro	M70GR37	N/A	50	2	0	14.2	63.2	9,104	a
DEKALB	DKS 44-07	N/A	50	2	0	14.3	63.1	8,843	ab
DEKALB	DKS 43-76	N/A	50	3	0	14.3	62.9	8,192	bc
DEKALB	DKS 45-60	N/A	48	2	0	14.8	62.8	8,166	bc
Dyna-Gro	M60GB31	N/A	51	2	0	14.4	62.4	8,156	bcd
Dyna-Gro	M66GR32	N/A	52	2	0	14.3	62.9	8,061	bcde
Croplan	6311A	N/A	49	3	0	14.1	62.4	7,999	bcde
DEKALB	DKS 49-76	N/A	46	2	0	14.3	62.6	7,833	cdef
Dyna-Gro	M59GB94	N/A	48	2	0	14.0	62.5	7,804	cdef
Croplan	6011	N/A	48	2	0	13.2	61.2	7,602	cdefg
DEKALB	DKS 40-76	N/A	48	4	0	13.9	60.9	7,581	cdefg
Dyna-Gro	M62GB36	N/A	48	3	0	14.1	62.1	7,533	cdefgh
Dyna-Gro	M67GB87	N/A	51	2	0	13.7	61.1	7,374	cdefghi
Alta Seeds	ADVG 1125IG	N/A	46	2	0	13.9	62.0	7,311	defghi
DEKALB	DKS 36-07	N/A	49	3	0	13.6	61.8	7,237	efghi
Dyna-Gro	M62GC23	N/A	49	2	0	12.4	58.6	7,152	fghij
Croplan	6111A	N/A	43	2	0	13.0	60.9	6,944	ghij
Croplan	6145DT	N/A	46	2	0	13.2	61.5	6,810	ghijk
Dyna-Gro	M64GB05 DT	N/A	45	2	0	13.9	61.6	6,733	hijk
Alta Seeds	ADVG 2165	N/A	48	1	0	14.4	62.1	6,675	ijk

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

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Perryton
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)	
Croplan	5811A	N/A	46	2	0	12.7	60.1	6,338	jkl
Alta Seeds	ADVG 1329	N/A	39	1	0	12.6	60.6	6,092	kl
Dyna-Gro	M54GR24	N/A	46	4	0	13.0	60.4	5,574	ln
Croplan	5614DT2	N/A	43	4	0	11.5	57.1	5,053	n

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

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Perryton
2025 Grain Sorghum Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)
Mean			47	2	0.0	13.7	61.5	7,340
C.V. %			3.5	39.5		2.6	1.4	8.2
P>f (hybrid)			0.000			0.000	0.000	0.000

Agronomic information

Plant Date	6/16/2025
Harvest Date	11/4/2025
Irrigated	No
Row Spacing (in)	30
Number of Rows	2
Target Seeds per Acre	22,000
Precipitation (in)	10.92
Irrigation (in)	
Herbicide	
Soil Type	Sherm clay loam
Tillage	No-till
Previous Crop	Wheat

Trial Notes

Cooperator: Dillon Pshigoda

Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid + blk. R 4.5.0 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. All other hybrids followed by the same letter are considered to have similar yield. 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 using MeteoStat in Python 3.11. For additional information contact:

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** Samples collected at planting, some locations may have applied fertilizer

Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	26	pH	5.9
P (ppm)*	72	Conductivity (umho/cm)	126
K (ppm)*	765	Ca (ppm)*	1,808
S (ppm)*	29	Mg (ppm)*	334
		Na (ppm)*	9

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

TEXAS A&M UNIVERSITY
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Perryton
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Plant Population per Acre	Heads per Acre	Plant Stand %	Mean Tiller # per Plant	Lodging (%)	Head Size lb/head	Weathering Rating (0-9)	Iron Chlorosis Rating
Dyna-Gro	M54GR24	17,206	55,103	78	2.21	0	0.10		
Dyna-Gro	M59GB94	17,642	59,677	80	2.37	0	0.13		
Dyna-Gro	M60GB31	17,206	45,520	78	1.67	0	0.18		
Dyna-Gro	M62GB36	18,295	50,312	83	1.77	0	0.15		
Dyna-Gro	M62GC23	19,602	57,499	89	1.94	0	0.12		
Dyna-Gro	M64GB05 DT	17,424	49,658	79	1.90	0	0.14		
Dyna-Gro	M66GR32	17,860	49,876	81	1.80	0	0.16		
Dyna-Gro	M67GB87	16,988	51,619	77	2.10	0	0.14		
Dyna-Gro	M70GR37	17,206	50,530	78	1.95	0	0.18		
DEKALB	DKS 36-07	19,820	52,925	90	1.68	0	0.14		
DEKALB	DKS 40-76	16,988	46,174	77	1.73	0	0.17		
DEKALB	DKS 43-76	18,949	46,391	86	1.46	0	0.18		
DEKALB	DKS 44-07	19,384	54,668	88	1.88	0	0.16		
DEKALB	DKS 45-60	16,335	44,867	74	1.80	0	0.18		
DEKALB	DKS 49-76	19,602	49,223	89	1.58	0	0.16		
Croplan	5614DT2	14,810	53,143	67	2.67	0	0.10		
Croplan	5811A	17,860	52,925	81	1.97	0	0.12		
Croplan	6011	18,513	62,073	84	2.37	0	0.12		
Croplan	6111A	18,513	58,370	84	2.17	0	0.12		
Croplan	6145DT	18,731	46,174	85	1.47	0	0.15		
Croplan	6311A	16,553	49,441	75	2.00	0	0.16		
Alta Seeds	ADVG 1125IG	18,077	43,124	82	1.40	0	0.17		

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Perryton
2025 Grain Sorghum
Performance Trial

TEXAS A&M AGRILIFE

Brand	Hybrid	Plant Population per Acre	Heads per Acre	Plant Stand %	Mean Tiller # per Plant	Lodging (%)	Head Size lb/head	Weathering Rating (0-9)	Iron Chlorosis Rating
Mean		17,733	50,720	81	1.89	0	0.15		

Agronomic information

Plant Date	6/16/2025
Harvest Date	11/4/2025
Irrigated	No
Row Spacing (in)	30
Number of Rows	2
Target Seeds per Acre	22,000
Precipitation (in)	10.92
Irrigation (in)	
Herbicide	
Soil Type	Sherm clay loam
Tillage	No-till
Previous Crop	Wheat

Trial Notes

Cooperator: Dillon Pshigoda

Four replications of each hybrid are planted in a randomized block design. 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. For additional information contact:

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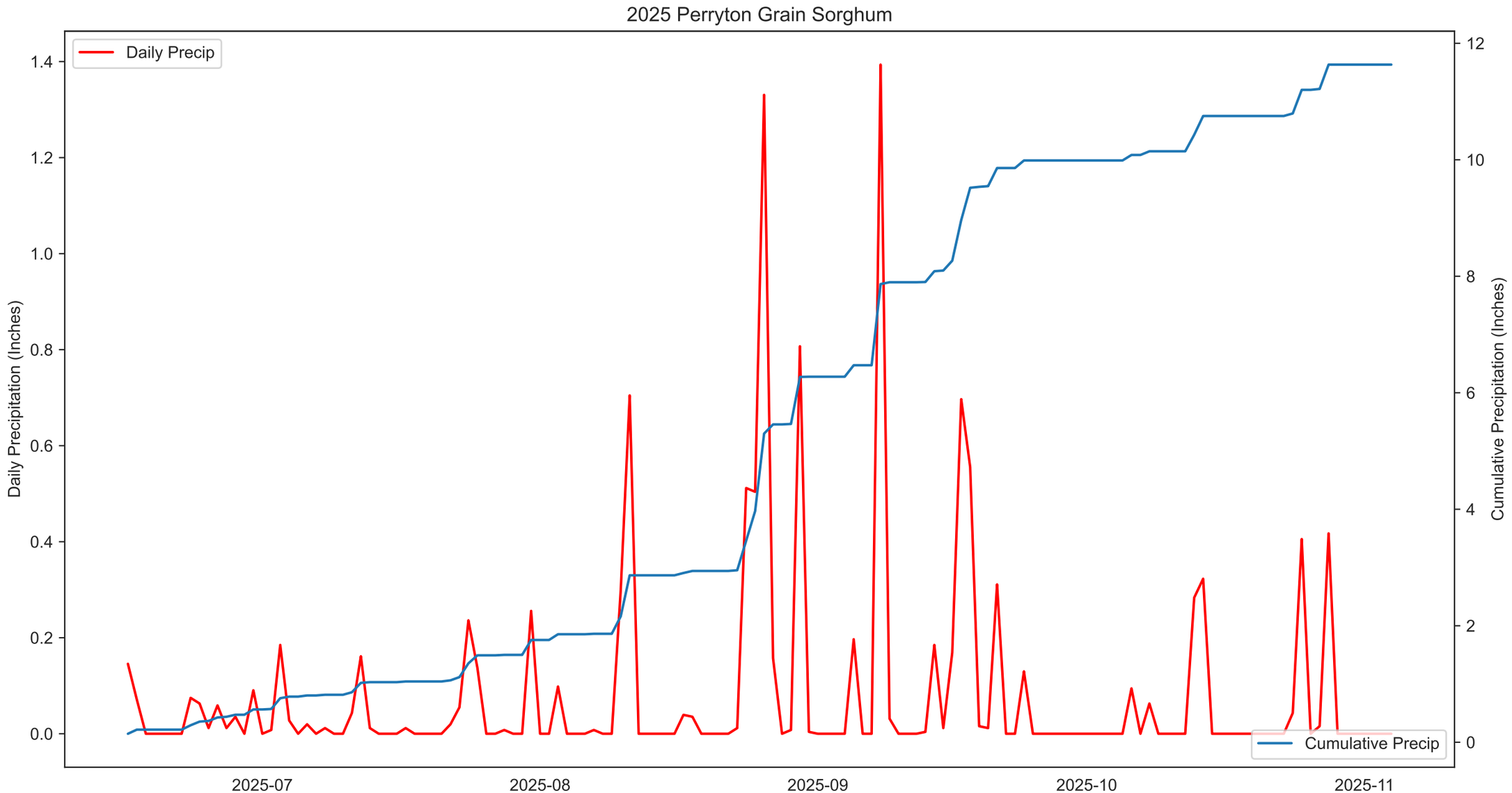
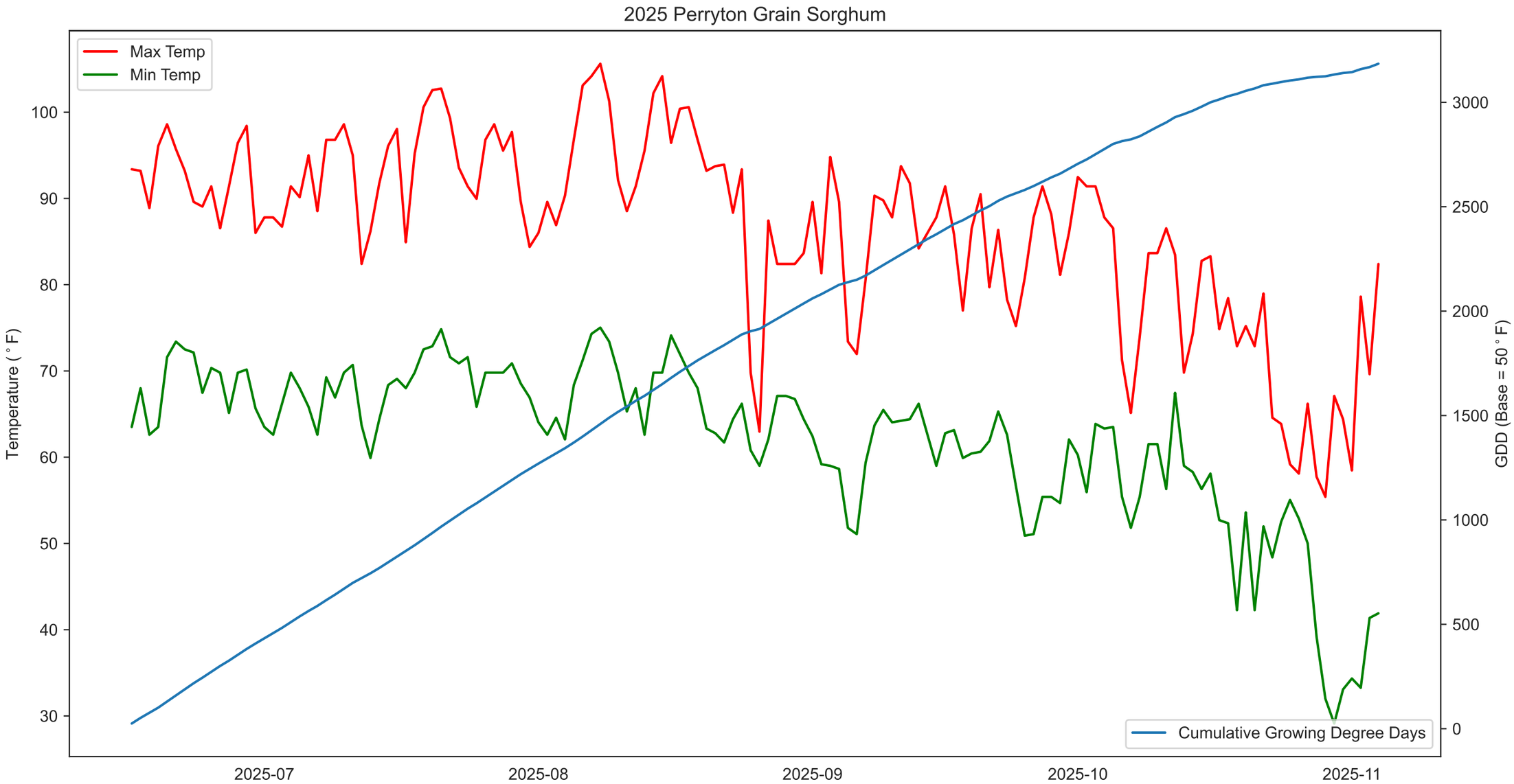
Fertilizer Applied

N (lb/ac)	
P2O5 (lb/ac)	
K2O (lb/ac)	
S (lb/ac)	
Zn (lb/ac)	

Soil Analysis Report**

NO3-N (ppm)	26	pH	5.9
P (ppm)*	72	Conductivity (umho/cm)	126
K (ppm)*	765	Ca (ppm)*	1,808
S (ppm)*	29	Mg (ppm)*	334
		Na (ppm)*	9


2025 Perryton Grain Sorghum
Daily Precip
Cumulative Precip
Daily Precipitation (Inches)
Cumulative Precipitation (Inches)
0.0
0.2
0.4
0.6
0.8
1.0
1.2
1.4
0
2
4
6
8
10
12
2025-07
2025-08
2025-09
2025-10
2025-11


2025 Perryton Grain Sorghum
Max Temp
Min Temp
Cumulative Growing Degree Days
Temperature (° F)
GDD (Base = 50 ° F)
100
90
80
70
60
50
40
30
3000
2500
2000
1500
1000
500
0
2025-07
2025-08
2025-09
2025-10
2025-11

ACKNOWLEDGMENTS

Appreciation for assistance and cooperation in conducting these tests is expressed to the following:

Cooperator	Trial Location	County	Region
Texas AgriScience	Monte Alto	Hidalgo	Rio Grande Valley
McNair Farms	Driscoll	Nueces	Coastal Bend
Joel Hoskinson	Gregory	San Patricio	Coastal Bend
Alan Stasney	Rosenberg	Fort Bend	Upper Gulf Coast
Nelson Reus	Hondo	Medina	South Texas Plains
Texas A&M AgriLife Research	College Station	Burleson	Brazos Valley
Stiles Farm Foundation	Thrall	Williamson	Blacklands
Josh Birdwell	Hillsboro	Hill	Blacklands
Brandon Ripple	San Angelo	Tom Green	Edwards Plateau
USDA	Lubbock	Hale	High Plains
Lone Star Family Farms	Sunray	Moore	High Plains
Dillon Pshigoda	Perryton	Ochiltree	High Plains

Texas A&M AgriLife Personnel:
JR Cantu
Ryan Collett
Marcel Fischbacher
Stephen Labar
Jaime Lopez
Bob McCool
Reagan Noland
Scott Strawn
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