

Thrall

2025 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)	
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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Agronomic information		Mean	44	4	1.0	11.6	56.4	3,149
Plant Date	3/13/2025	C.V. %	9.9	30.5		6.7	2.3	18.7
Harvest Date	8/22/2025	P>f (hybrid)	0.011			0.004	0.000	0.000
Irrigated	No	Trial Notes						
Row Spacing (in)	30	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: Dr. Ronnie Schnell / Katrina Horn ronnie.schnell@ag.tamu.edu / katrina.horn@ag.tamu.edu 979-321-5939 / 979-845-8505						
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		* Mehlich 3 by ICP, soiltesting.tamu.edu ** Samples collected at planting, some locations may have applied fertilizer						
Soil Type	Burleson clay	Fertilizer Applied		Soil Analysis Report**				
Tillage	Conventional	N (lb/ac)		NO3-N (ppm)	59	pH	6.3	
Previous Crop	Corn	P2O5 (lb/ac)		P (ppm)*	101	Conductivity (umho/cm)	299	
		K2O (lb/ac)		K (ppm)*	201	Ca (ppm)*	4,386	
		S (lb/ac)		S (ppm)*	65	Mg (ppm)*	660	
		Zn (lb/ac)				Na (ppm)*	12	

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

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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	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		



TEXAS A&M UNIVERSITY
Soil & Crop Sciences

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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
Agronomic information		Mean	37,897	43,270	58	0.23	1	0.07	
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. 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 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		Soil Analysis Report**							
N (lb/ac)		NO3-N (ppm)	59	pH	6.3				
P2O5 (lb/ac)		P (ppm)*	101	Conductivity (umho/cm)	299				
K2O (lb/ac)		K (ppm)*	201	Ca (ppm)*	4,386				
S (lb/ac)		S (ppm)*	65	Mg (ppm)*	660				
Zn (lb/ac)				Na (ppm)*	12				

Grain Sorghum

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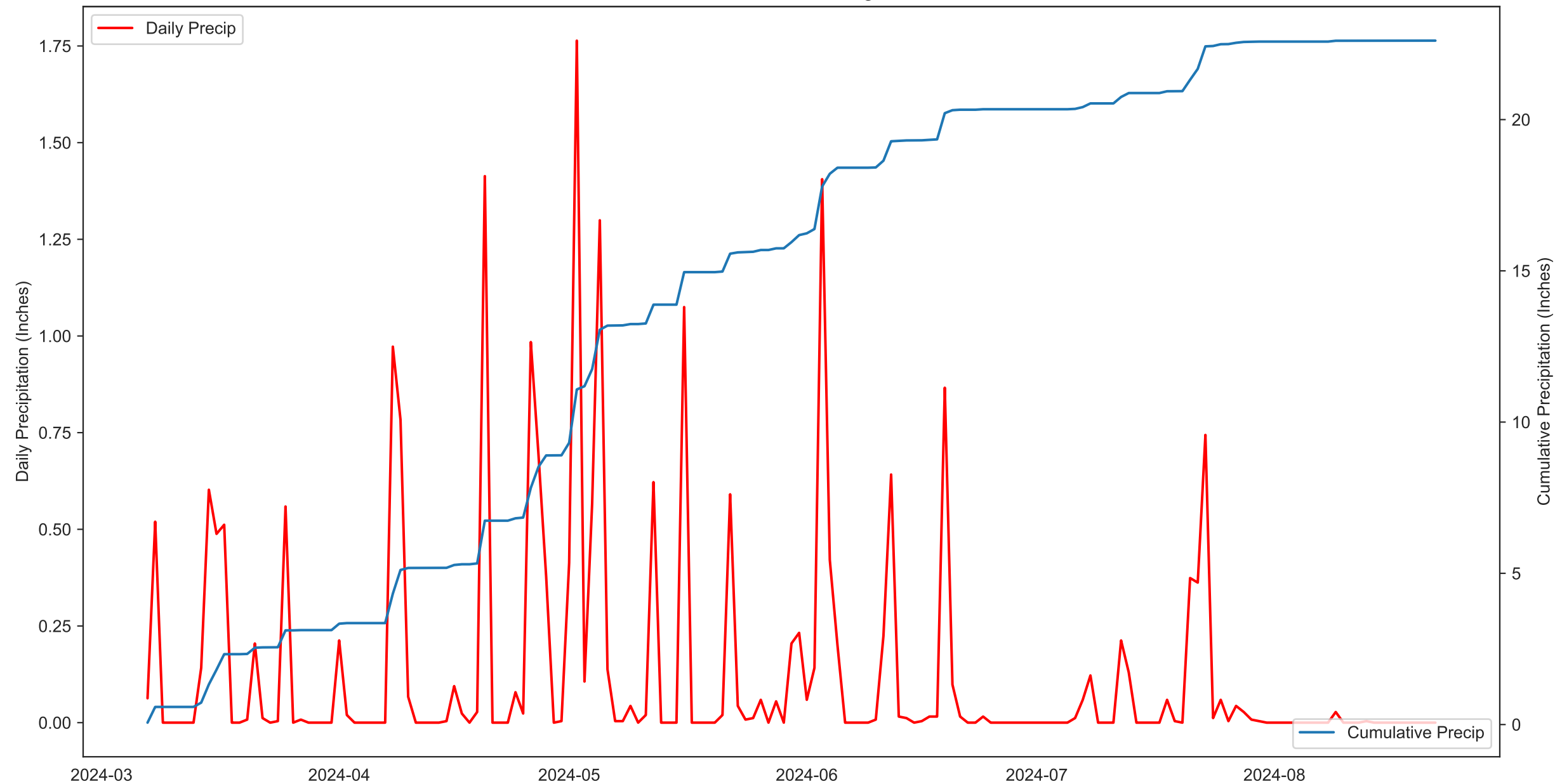
Multi-Year Summary



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.

2024 Thrall Grain Sorghum



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