

Sunray

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)	
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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Agronomic information		Mean	48	3	1.5	14.9	61.6	6,602
Plant Date	6/16/2025	C.V. %	4.6	36.9		4.4	0.8	8.9
Harvest Date	10/22/2025	P>f (hybrid)	0.000			0.000	0.000	0.000
Irrigated	Yes	Trial Notes						
Row Spacing (in)	30	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: 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	45,000							
Precipitation (in)	8.49							
Irrigation (in)		* Mehlich 3 by ICP, soiltesting.tamu.edu ** Samples collected at planting, some locations may have applied fertilizer						
Herbicide								
Soil Type	Sherm silty clay loam	Fertilizer Applied						
Tillage	No-till	N (lb/ac)		NO3-N (ppm)	22	pH	7.9	
Previous Crop	Corn	P2O5 (lb/ac)		P (ppm)*	206	Conductivity (umho/cm)	189	
		K2O (lb/ac)		K (ppm)*	735	Ca (ppm)*	3,997	
		S (lb/ac)		S (ppm)*	59	Mg (ppm)*	1,017	
		Zn (lb/ac)				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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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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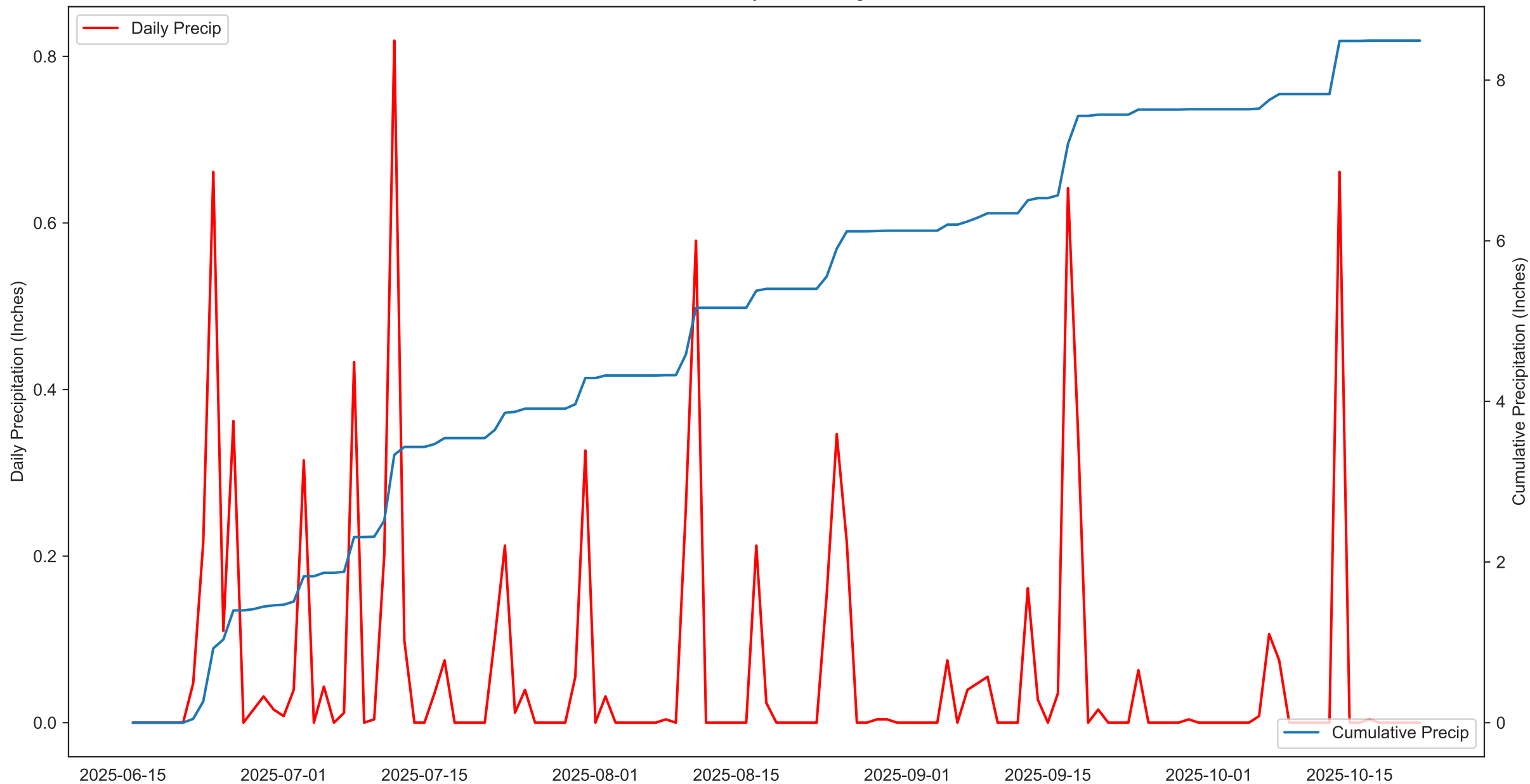
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Brand	Hybrid	Plant Population per Acre	Heads per Acre	Plant Stand %	Mean Tiller # per Plant	Lodging (%)	Head Size lb/head	Weathering Rating (0-9)	Iron Chlorosis Rating
Agronomic information		Mean	36,780	59,613	82	0.64	1	0.11	
Plant Date	6/16/2025								
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. 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)	22	pH	7.9				
P2O5 (lb/ac)		P (ppm)*	206	Conductivity (umho/cm)	189				
K2O (lb/ac)		K (ppm)*	735	Ca (ppm)*	3,997				
S (lb/ac)		S (ppm)*	59	Mg (ppm)*	1,017				
Zn (lb/ac)				Na (ppm)*	45				

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