

Perryton

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)	
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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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

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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)
Agronomic information		Mean	47	2	0.0	13.7	61.5	7,340
Plant Date	6/16/2025	C.V. %	3.5	39.5		2.6	1.4	8.2
Harvest Date	11/4/2025	P>f (hybrid)	0.000			0.000	0.000	0.000
Irrigated	No	Trial Notes						
Row Spacing (in)	30	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: 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	22,000							
Precipitation (in)	10.92							
Irrigation (in)								
Herbicide								
Soil Type	Sherm clay loam							
Tillage	No-till							
Previous Crop	Wheat							
		Fertilizer Applied		Soil Analysis Report**				
		N (lb/ac)		NO3-N (ppm)	26	pH	5.9	
		P2O5 (lb/ac)		P (ppm)*	72	Conductivity (umho/cm)	126	
		K2O (lb/ac)		K (ppm)*	765	Ca (ppm)*	1,808	
		S (lb/ac)		S (ppm)*	29	Mg (ppm)*	334	
		Zn (lb/ac)				Na (ppm)*	9	

*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
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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Alta Seeds	ADVG 1329	15,682	48,787	71	2.16	0	0.13		
Alta Seeds	ADVG 2165	16,335	39,204	74	1.43	0	0.17		



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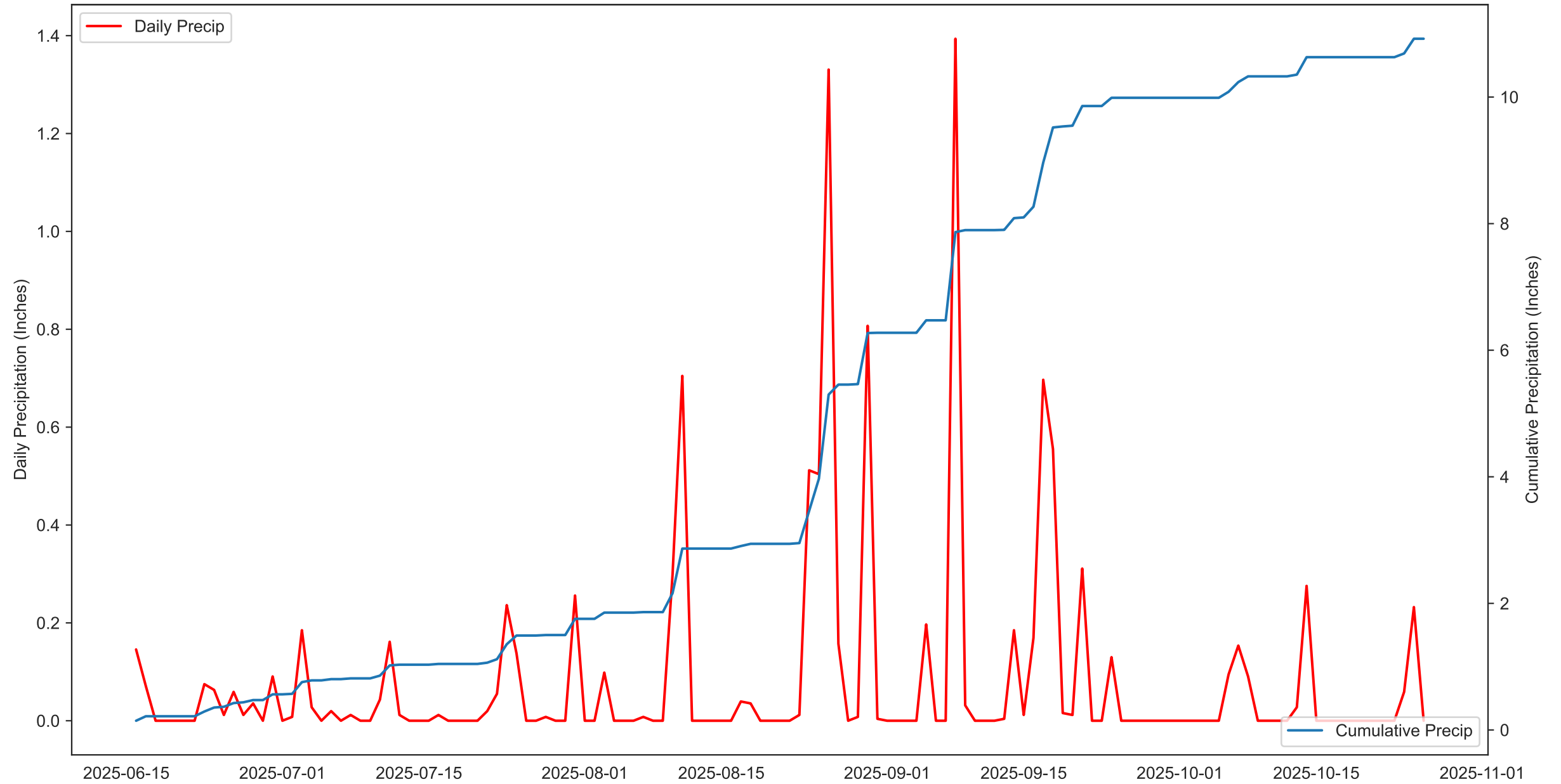
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Brand	Hybrid	Plant Population per Acre	Heads per Acre	Plant Stand %	Mean Tiller # per Plant	Lodging (%)	Head Size lb/head	Weathering Rating (0-9)	Iron Chlorosis Rating
Agronomic information		Mean	17,733	50,720	81	1.89	0	0.15	
Plant Date	6/16/2025								
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. 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)	26	pH	5.9				
P2O5 (lb/ac)		P (ppm)*	72	Conductivity (umho/cm)	126				
K2O (lb/ac)		K (ppm)*	765	Ca (ppm)*	1,808				
S (lb/ac)		S (ppm)*	29	Mg (ppm)*	334				
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