

## Monte Alto Lim 2024 Grain Sorghum Performance Trial

Brand	Hybrid	Days to 50% Flower	Plant Height (in)	Head Ex (in)	Lodging (%)	Moisture (%)	Test Weight (lbs/bu)	Yield * (lbs/acre)
Dyna-Gro	M71GR91	68	46	3	0	12.5	59.2	5,200
Integra	G3711	66	46	3	0	12.1	59.2	5,094
DEKALB	DKS 54-07	67	45	4	0	12.1	62.8	4,844
DEKALB	DKS 44-07	62	44	3	0	12.1	59.3	4,682
Dyna-Gro	M66GR32	64	45	3	0	12.2	59.6	4,502
DEKALB	DKS 45-60	65	44	5	0	12.4	59.4	4,497
Dyna-Gro	M70GR37	65	46	4	0	12.3	58.5	4,277
Dyna-Gro	M67GB87	64	46	5	0	11.1	57.8	4,052
Dyna-Gro	M72GB71	66	45	3	0	12.0	59.1	4,037
Integra	G3640	63	42	4	0	11.5	58.4	3,961
Integra	G3665	60	41	1	0	10.7	57.0	3,914
Dyna-Gro	M62GB36	62	42	3	0	11.9	58.8	3,840
DEKALB	DKS 40-76	62	41	4	0	11.8	58.6	3,684
Dyna-Gro	M60GB31	61	39	3	0	12.6	59.1	3,441
Dyna-Gro	M63GB78	61	42	4	0	11.6	58.3	3,265
DEKALB	DKS 36-07	60	40	5	0	12.1	59.4	3,130

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



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**Agronomic information**

Plant Date:

Harvest Date:

Irrigated:

Row Spacing (in):

Number of Rows:

Target Seeds per Acre:

Precipitation (in):

Irrigation (in):

Herbicide:

Mean	63	43	3	0.0	11.9	59.0	4,151
C.V. %	1.9	6.1	39.4		3.5	3.2	18.7
P>f (hybrid)	0.000	0.000	0.033		0.000	0.095	0.000
L.S.D.	1.7	3.7	1.9		0.6		518.2

**Trial Notes**

Cooperator:

Four replications of each hybrid are planted in a randomized block design. Model : yield = hybrid blk. SAS 9.4 was used for statistical analysis. LSD provided when hybrid significant at p < 0.05. Yields highlighted in yellow are not statistically different from the top ranked hybrid. Plots were planted using a SRES Advanced planter with Monosem units. Plots were harvested with a JD 3300 plot combine fitted with a Harvest Master GrainGage System. Precipitation data was recorded from planting date through the harvest date. For additional information contact:

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979-845-2935 / 979-845-8505

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

Fertilizer Applied		Soil Analysis Report**	
N (lb/ac)	<input type="text" value="81"/>	NO3-N (ppm)	<input type="text" value="13"/>
P2O5 (lb/ac)	<input type="text" value="16"/>	pH	<input type="text" value="7.4"/>
K2O (lb/ac)	<input type="text" value="0"/>	P (ppm)*	<input type="text" value="59"/>
S (lb/ac)	<input type="text" value="0"/>	K (ppm)*	<input type="text" value="382"/>
Zn (lb/ac)	<input type="text" value="0"/>	S (ppm)*	<input type="text" value="31"/>
		Mg (ppm)*	<input type="text" value="381"/>
		Na (ppm)*	<input type="text" value="49"/>
		Conductivity (umho/cm)	<input type="text" value="66"/>
		Ca (ppm)*	<input type="text" value="4,165"/>

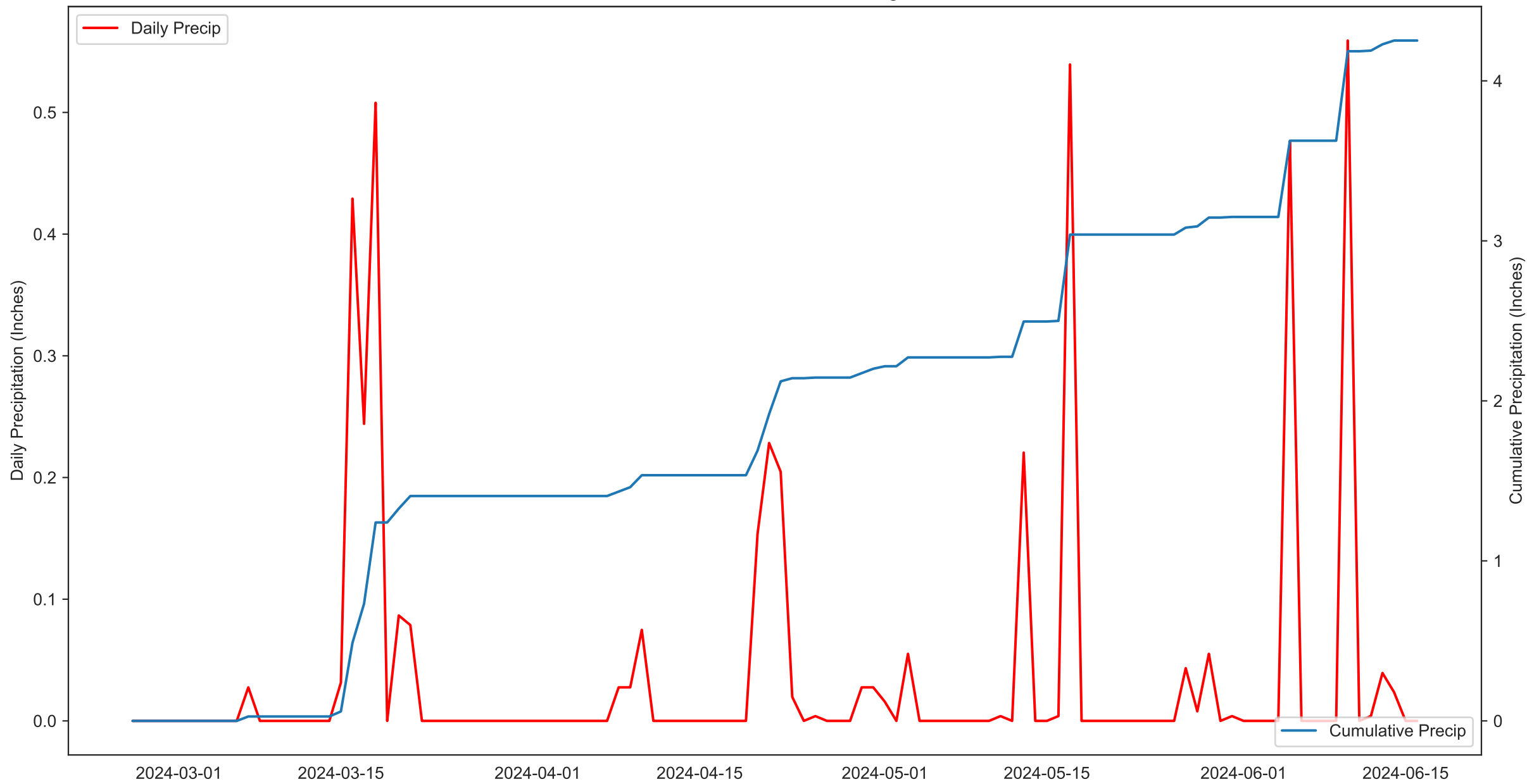
Soil Type:

Tillage:

Previous Crop:

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