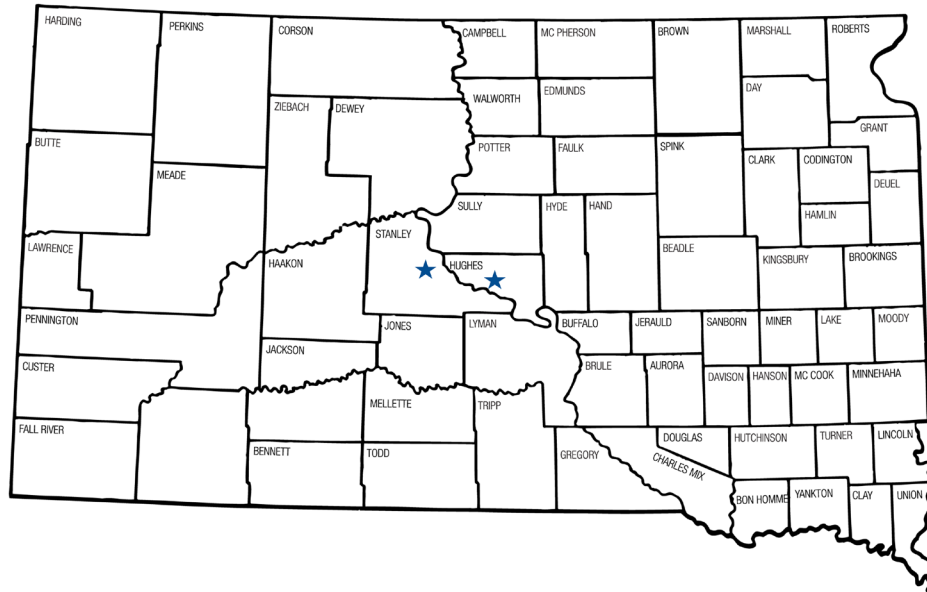




# 2023 South Dakota Sorghum Hybrid Trial Results Hayes

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**2023 trial locations:** Hayes and Pierre  
**Pierre Planting Date:** 5/25/23  
**Pierre Harvest Date:** 10/20/23  
**Acknowledgements:** Thanks to Mr. Levi Neuharth, Dr. Dwayne Beck, Sam Ireland and crew for hosting these trials at Hayes and the Dakota Lakes Research Farm, respectively.

Individual trial location results can be accessed online at: <https://extension.sdstate.edu/sorghum-trial-results>



## 2023 South Dakota Sorghum Hybrid Trial Results Variety List

**SOUTH DAKOTA STATE  
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Table 1. List of sorghum hybrids tested in 2023 along with seed supplier and agronomic characteristics.

Hybrid	Company	Maturity Group (E, M/E, M)†	Days to 50% Bloom	Grain Color (B, C, R, W, Y)‡	Panicle Type (SC or SO)§
2620C	LG Seeds (Golden Acres)	M/E	58-60	C	SO
2730B	LG Seeds (Golden Acres)	M/E	58-60	B	SO
2840B	LG Seeds (Golden Acres)	M/E	60-64	B	SO
89P52	Pioneer	E	59	R	SO
SP31A15	Sorghum Partners	E	56	B	SO
SP43M80	Sorghum Partners	ME	60	B	SO
SP65M60	Sorghum Partners	M	65	B	SO
SP30A30DT	Sorghum Partners	E	56	B	SO
SP45A45DT	Sorghum Partners	ME	60	B	SO
M54GR24	DYNAGRO	VE	54	R	SO
M59GB57	DYNAGRO	E	59	B	SO
M59GB94	DYNAGRO	E	59	B	SO
M60GB88	DYNAGRO	ME	60	B	SO
CP5811A	CROPLAN	E	58	B	SO
CP5921A	CROPLAN	E	59	C	SO
CP6011	CROPLAN	E	60	B	SO
CP6021A	CROPLAN	E	60	R	SO
CP6211A	CROPLAN	ME	62	R	SC
CP66XI-23	CROPLAN	ME	63	R	SC
CP61XI-22	CROPLAN	ME	61	R	SO
CP64XI-23	CROPLAN	ME	64	R	SO
H6006	Hoegemeyer Hybrids	E	54	R	SO
H6020	Hoegemeyer Hybrids	ME	62	R	SO
H6041	Hoegemeyer Hybrids	ME	64	C	SO
EXP 2301A	Proseed	ME	n/a	C	SO
EXP 2402S	Proseed	E	n/a	B	SO
EXP 2403A	Proseed	ME	n/a	B	SO

† Maturity: E=Early, M/E = Medium Early, M = Medium  
‡ Grain Color: B = Bronze, C = Cream, R = Red, W = White, Y = Yellow  
§ Panicle type: SC = Semi-Closed, SO = Semi-Open



## 2023 South Dakota Sorghum Hybrid Trial Results Hayes

**SOUTH DAKOTA STATE  
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Table 2. 2023 sorghum hybrid performance trial results for testing site in Hayes, South Dakota. This is the second year at this site. Varieties ranking in the top 1/3 of each trial category are shaded light blue and bold.

Variety	2023	95% Confidence Interval		2023	2-Year Average Yield
	Yield (bu/a)			Test Weight (lb/bu)	
89P52	114	102	126	59.3	-
CP5811A	100	88	112	56.2	-
CP5921A	103	91	115	58.3	-
CP6011	<b>124</b>	112	136	<b>60.4</b>	-
CP6021A	109	97	121	56.6	-
CP61XI-22	109	97	121	57.6	-
CP6211A	<b>122</b>	111	134	58.6	-
CP64XI-23	<b>125</b>	114	137	<b>60.6</b>	-
CP66XI-23	<b>128</b>	116	140	58.0	-
EXP 2301A	104	92	115	<b>59.8</b>	-
EXP 2402S	107	95	119	<b>60.8</b>	-
EXP 2403A	<b>127</b>	116	139	<b>61.6</b>	-
GA2620C	110	98	122	56.9	-
GA2730B	<b>121</b>	109	132	58.7	-
GA2840B	<b>124</b>	110	137	<b>62.1</b>	-
H6006	108	96	120	<b>60.4</b>	-
H6020	114	103	126	59.3	124
H6041	113	101	125	<b>60.1</b>	120
M54GR24	108	97	120	<b>60.9</b>	115
M59GB57	104	92	116	55.4	124
M59GB94	<b>137</b>	124	151	58.9	131
M60GB88	106	94	117	58.7	123
SP30A30DT	110	98	122	56.1	-
SP31A15	104	92	115	55.4	114
SP43M80	102	90	114	59.3	108
SP45A45DT	<b>121</b>	110	133	59.1	-
SP65M60	101	89	112	50.3	-
<b>Trial Average</b>	113	-	-	58.5	119
<b>LSD†</b>	12	-	-	1.4	18
<b>CV‡</b>	9	-	-	2	-

† Value required ( $\geq$ LSD) to determine if varieties are significantly different from one another.

‡ C.V. is a measure of variability or experimental error, 15% or less is considered ideal.