



**SOUTH DAKOTA
STATE UNIVERSITY**

College of Agriculture, Food and Environmental Sciences |
SDSU Extension | South Dakota Agricultural Experiment Station

2026 South Dakota Spring Wheat Variety Trial Results - Miller

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Location: 44.479505°, -98.742925°

Soil type: Houdek-Prosper loams, 0-2% slopes

Previous crop: Soybeans

Tillage: Min-till

Row spacing: 8"

Seeding rate: 1.8 million PLS/acre

Fertilizer:

- Starter: 90 lb / acre 30-10-10
- Other: 108-24-21-6s

Herbicide:

- Burndown: None
- Post: 2 pt/acre Bronate

Fungicide: None

Date seeded: 4/10/26

Date harvested: 8/3/26



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Table 1. 2026 spring wheat variety performance trial results (average of 4 replications) at Miller, SD. Entries are sorted by overall 3-year yield. Varieties yielding in the top 1/3 of the trial are bold and shaded light blue.

Variety	Height (in)	Lodging* (1-5)	Test Wt (lbs)	Protein %	2024 (bu/a)#	2025 (bu/a)	2026 (bu/a)	2-year (bu/a)	3-year (bu/a)
ND STAMPEDE	30	1	58.2	13.1	31.3	68.1	69.5	68.8	56.3
MS CHARGER	30	2	58.9	12.3	30.8	61.7	75.6	68.6	56.0
BRAWN-SD	32	1	60.9	12.7	30.2	66.1	71.1	68.6	55.8
LCS CANNON	29	1	61.3	13.6	28.4	63.9	70.7	67.3	54.3
DRIVER	32	1	60.3	13.4	31.9	62.8	65.9	64.3	53.5
LCS BOOM	31	1	60.9	13.4	28.8	61.8	69.4	65.6	53.3
ENHANCE-SD	32	1	61.0	13.6	25	66.0	68.6	67.3	53.2
ASCEND-SD	36	1	59.9	13.7	31.7	59.5	66.1	62.8	52.4
LCS ASCENT	31	1	59.7	12.7	24.1	64.4	67.1	65.8	51.9
MN TORGY	29	1	60.8	13.8	23.3	62.6	68.1	65.3	51.3
WB9590	26	1	58.8	14.6	24.0	62.6	66.5	64.5	51.0
MS COBRA	29	1	59.9	13.7	25.3	59.0	66.7	62.8	50.3
SURPASS	32	1	59.2	13.9	33.8	51.8	64.4	58.1	50.0
MS NOVA	29	1	59.8	13.6	18.6	60.5	68.4	64.4	49.2
MN ROTHSAY	30	1	59.5	13.4	16.9	57.2	68.8	63.0	47.6
CP3055	35	1	52.1	14.7	12.1	49.7	55.0	52.3	38.9
AP DAGR	28	1	58.3	13.1	-	64.6	69.9	67.3	-
AP ELEVATE	29	1	59.0	13.8	-	62.3	63.4	62.9	-
AP ICONIC	30	1	59.0	13.4	-	64.9	65.7	65.3	-
CP3555	31	1	58.3	13.6	-	59.9	64.3	62.1	-
ND ROUGHRIDER	32	1	57.6	13.0	-	70.8	68.8	69.8	-
CP3604	32	1	59.4	14.0	-	-	64.4	-	-
FG HEINER	25	1	59.7	14.1	-	-	63.5	-	-
LAR22-00053	30	1	58.4	12.8	-	-	67.2	-	-
MS EXP-1	28	1	58.0	13.3	-	-	73.9	-	-
TCG-ARSENAL	30	1	57.9	13.4	-	-	63.1	-	-
VIRTUE ANDINA	26	1	57.1	14.4	-	-	68.0	-	-
VIRTUE HIMALAYA	28	1	55.9	13.7	-	-	69.1	-	-
WB9641	30	1	58.8	12.8	-	-	68.7	-	-
WB9645	31	1	58.4	13.0	-	-	64.5	-	-
Trial Average#	30	1	59.3	13.6	24.3	61.5	67.2	64.4	51
LSD (0.05)†	-	-	0.7	0.8	5.9	6.1	5.8	-	-
C.V. %‡	-	-	0.9	3.3	17.6	7.1	6.2	-	-

* Lodging score: 1, perfectly standing; to 5, completely flat.

Trial averages may include values from experimental lines that are not reported, yield is reported @13%M, protein is @12%M.

† 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 acceptable.