



**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 - Sturgis

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Cooperator: South Dakota State University Sturgis Research Farm

Location: 44.424167°, -103.376111°

Soil type: Nunn loams, 0-2% slopes

Previous crop: field peas

Tillage: No-till

Row spacing: 10"

Seeding rate: 1.2 million PLS/acre

Fertilizer:

- Starter: 6 gal/acre 10-25-0-5S-.25Z
- Other: 40 gal/acre 28-0-0 mid-row banded

Herbicide:

- Burndown: 16 pz/acre WideMatch + 32 oz/acre Roundup
- Post: none

Fungicide: None

Date seeded: 3/30/2026

Date harvested: 7/28/2026



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Table 1. 2026 spring wheat variety performance trial results (average of 4 replications) at Sturgis, 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	not	1	54.9	15.1	55.8	not	50.7	NA	53.3
ENHANCE-SD	reported	1	57.9	15.6	56.8	harvested	49.6	-	53.2
BRAWN-SD	-	1	57.4	14.5	55.3	-	50.2	-	52.8
LCS BOOM	-	1	59.5	15.7	54.4	-	51.0	-	52.7
MS NOVA	-	1	57.3	15.2	53.4	-	50.2	-	51.8
LCS CANNON	-	1	58.3	15.5	50.9	-	52.0	-	51.5
ASCEND-SD	-	1	56.0	15.6	54.8	-	47.2	-	51.0
WB9590	-	1	57.5	14.9	51.0	-	48.4	-	49.7
LCS ASCENT	-	1	57.6	14.7	50.9	-	47.7	-	49.3
SURPASS	-	1	56.6	14.4	51.5	-	45.9	-	48.7
MN TORGY	-	1	57.1	15.5	51.1	-	44.2	-	47.6
MS CHARGER	-	1	54.2	14.1	52.4	-	41.8	-	47.1
MN ROTHSAY	-	1	54.7	15.4	44.3	-	46.7	-	45.5
DRIVER	-	1	54.1	14.7	45.2	-	43.1	-	44.2
MS COBRA	-	1	53.1	15.1	50.8	-	37.3	-	44.0
CP3055	-	1	32.6	10.9	46.4	-	29.9	-	38.2
AP DAGR	-	1	52.7	14.9	-	-	45.3	-	-
AP ELEVATE	-	1	53.0	15.4	-	-	40.3	-	-
AP ICONIC	-	1	54.4	15.0	-	-	43.6	-	-
CP 3604	-	1	55.0	15.2	-	-	45.2	-	-
ND ROUGHRIDER	-	1	51.9	15.6	-	-	40.9	-	-
CP3555	-	1	52.4	14.2	-	-	46.9	-	-
FG HEINER	-	1	55.9	15.7	-	-	46.7	-	-
LAR22-00053	-	1	53.6	14.6	-	-	46.5	-	-
TCG-ARSENAL	-	1	50.5	14.3	-	-	33.3	-	-
VIRTUE ANDINA	-	1	54.4	15.4	-	-	46.6	-	-
VIRTUE HIMALAYA	-	1	52.4	15.3	-	-	48.5	-	-
WB9641	-	1	55.0	14.6	-	-	44.1	-	-
WB9645	-	1	53.7	14.9	-	-	46.6	-	-
Trial Average#	-	-	54.8	14.9	50.2	-	45.0	-	47.6
LSD (0.05)†	-	-	5.4	1.7	4.4	-	9.3	-	-
C.V. %‡	-	-	7.0	8.0	6.3	-	14.6	-	-

* 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.