



**SOUTH DAKOTA
STATE UNIVERSITY**

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

2026 South Dakota Winter Wheat Variety Trial Results - Platte

David Karki | SDSU Extension Agronomist

Sunish Sehgal | SDSU Winter Wheat Breeder

Jesse Hall | SDSU CPT Trial Program Manager

Shawn Hawks | Agricultural Research Manager

Cooperator: Brule County

Soil type: Highmore-Mobridge silt loams, 0-4% slopes

Previous crop: Soybeans

Tillage: No-till

Row spacing: 8"

Seeding rate: 1.2 million PLS/acre

Fertilizer:

- Starter: 90 lbs/acre 30-10-10
- Other: 26 gallons 28%/acre

Herbicide:

- Burndown: Not reported
- Post: No Reported

Fungicide: None

Date seeded: 9/24/2025

Date harvested: 7/9/2026



**SOUTH DAKOTA STATE
UNIVERSITY EXTENSION**

2026 South Dakota Winter Wheat Variety Trial Results Platte

Table 1. Performance trial results for winter wheat varieties (average of 4 replications) conducted in 2026 at Platte, 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)
SD Pheasant	32	1.3	60.0	11.4	95.3	not	90.0	N/A	92.6
SD Andes	27	1.0	61.4	12.2	94.7	harvested	81.0	-	87.8
CP7017AX	27	1.5	60.3	11.9	97.1	-	75.3	-	86.2
SD Midland	30	1.0	59.4	12.2	95.8	-	76.1	-	85.9
DRAPER	28	1.0	60.0	12.6	96.1	-	75.7	-	85.9
AP 24AX	30	2.0	59.5	11.0	91.5	-	77.6	-	84.6
WB4422	28	1.0	61.4	13.6	99.8	-	67.1	-	83.5
AP Clair	26	1.0	59.9	12.6	94.6	-	72.2	-	83.4
SD Vivian	28	1.0	60.3	13.1	97.5	-	66.3	-	81.9
Winner	29	1.0	59.7	12.3	95.6	-	67.1	-	81.4
LCS Helix AX	30	1.5	61.0	12.2	82.5	-	71.4	-	77.0
Expedition	30	1.3	61.1	13.6	84.1	-	60.2	-	72.1
CP7909	28	1.3	60.1	12.5	85.9	-	61.6	-	73.8
LCS Warbird AX	27	1.0	60.1	14.9	87.3	-	57.3	-	72.3
AP SUNBIRD	27	1.3	60.3	12.2	-	-	71.2	-	-
AP TANGO	27	1.3	60.7	12.2	-	-	76.3	-	-
CP7462	27	1.0	59.5	11.7	-	-	73.7	-	-
CP7599CLP	28	1.0	61.2	13.0	-	-	67.9	-	-
CP7869	27	1.0	59.5	11.7	-	-	65.4	-	-
LCS Atomic AX	28	1.25	60.2	12.4	-	-	68.3	-	-
LCS RADAR	26	1.0	60.4	13.9	-	-	64.5	-	-
NE DAYBREAK	28	1.3	59.3	13.5	-	-	75.4	-	-
NE DUNBAR CLP	30	1.0	60.6	12.7	-	-	74.7	-	-
NE FENSTER	32	1.0	58.9	13.6	-	-	62.0	-	-
WB4459AX	31	1.3	60.1	11.8	-	-	70.5	-	-
WB4540	29	1.3	59.3	12.2	-	-	74.8	-	-
Trial Average#	28.4	1.2	60.1	12.6	92.7	-	71.6	-	78.9
LSD (0.05)†	3.9	0.5	0.6	1.5	9.0	-	19.1	-	-
C.V. %‡	9.7	28.6	0.8	8.5	7.4	-	19.1	-	-

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

Corrected to 13% moisture. Note: Trial averages may include values from experimental lines that are not reported.

† 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.

§Reported 3-year yields are actually an average of 2022 and 2024 as the location was not harvested in 2023.