



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

2026 South Dakota Winter Wheat Variety Trial Results - Wall

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Cooperator: Kent Kjerstad - Wall, SD

Location: 43°58'15.8"N, 102°15'23.0"W

Soil type: Silt loam

Previous crop: Wheat

Tillage: No-till

Row spacing: 10"

Seeding rate: 1.2 million PLS/acre

Fertilizer:

- Starter: 10 lbs/acre 10-25-0
- Other: 120 lbs of N/acre as UAN

Herbicide:

- Burndown: Cooperator applied
- Post: None

Fungicide: None

Date seeded: 10/1/2025

Date harvested: 7/29/2026



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**SOUTH DAKOTA STATE
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Table 1. Performance trial results for winter wheat varieties (average of 4 replications) conducted in 2026 at Wall, 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)
WB4422	22	1	55.8	13.9	89.8	not	73.8	NA	81.8
SD VIVIAN	25	1	53.9	13.3	88.3	harvested	69.2	-	78.8
CP7909	24	1	53.9	12.4	94.1	-	63.0	-	78.6
AP CLAIR	22	1	54.2	13.4	83.2	-	71.1	-	77.1
SD MIDLAND	24	1	55.7	13.1	85.8	-	67.4	-	76.6
CP7869	21	1	54.5	12.5	92.8	-	59.8	-	76.3
SD ANDES	25	1	56.9	12.3	79.1	-	72.9	-	76.0
CP7017AX	24	1	53.7	13.0	98.5	-	53.2	-	75.9
DRAPER	26	1	54.4	13.1	85.6	-	57.9	-	71.7
LCS HELIX AX	25	1	54.1	12.6	88.8	-	53.7	-	71.2
WINNER	25	1	54.7	12.5	86.2	-	56.2	-	71.2
LCS WARBLER AX	23	1	52.8	13.4	89.4	-	52.9	-	71.1
AP 24AX	26	1	50.4	13.2	92.5	-	47.1	-	69.8
SD PHEASANT	26	1	53.8	13.4	74.1	-	57.7	-	65.9
EXPEDITION	26	1	55.9	13.7	74.6	-	54.3	-	64.5
AP SUNBIRD	22	1	54.7	13.2	-	-	61.9	-	-
AP TANGO	24	1	50.7	12.9	-	-	60.2	-	-
CP7462	18	1	51.0	13.5	-	-	52.8	-	-
CP7599CLP	24	1	53.8	12.9	-	-	57.9	-	-
LCS ATOMIC AX	23	1	54.4	13.1	-	-	54.5	-	-
LCS RADAR	25	1	53.0	13.1	-	-	57.0	-	-
NE DAYBREAK	24	1	52.0	13.2	-	-	57.8	-	-
NE19619	30	1	52.8	13.4	-	-	53.5	-	-
NHH19668	22	1	53.7	13.6	-	-	57.4	-	-
WB4459AX	26	1	54.3	13.2	-	-	59.1	-	-
WB4540	27	1	51.8	13.9	-	-	54.2	-	-
Trial Average#	24.9	1	53.9	13.0	85.4	-	61.3	-	73.4
LSD (0.05)†	-	-	1.6	1.1	16.9	-	8.4	-	-
C.V. %‡	-	-	2.1	5.9	12.2	-	9.7	-	-

* 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 (≥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.

§ Height is measured on first replication