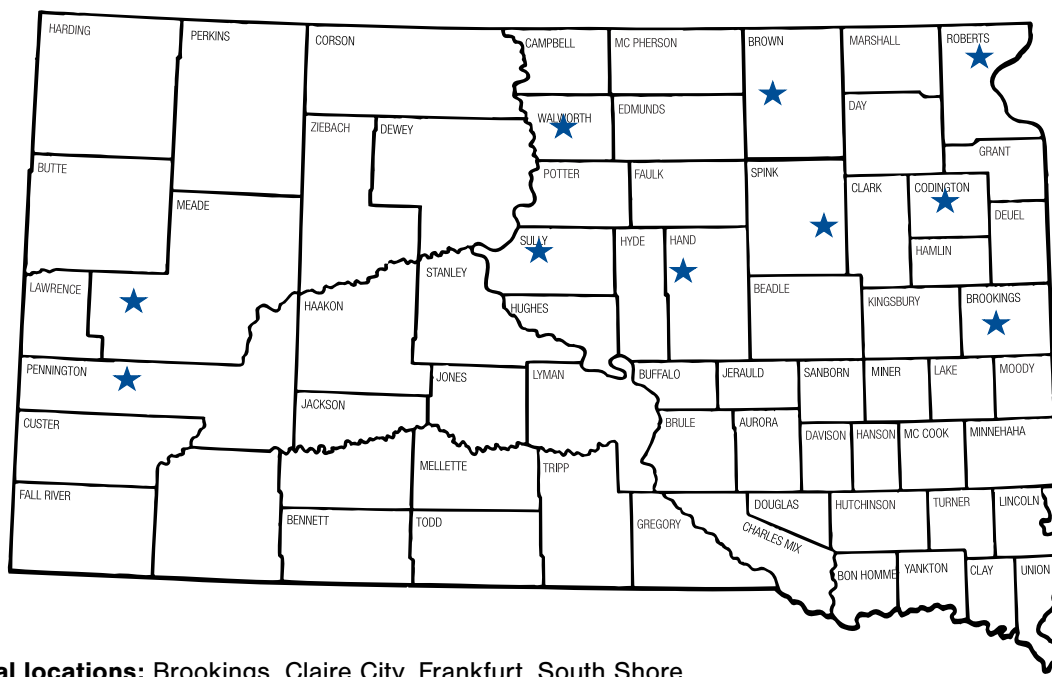


2026 South Dakota Spring Wheat Variety Trial Results - Regional Summaries

David Karki | SDSU Extension Agronomist
Karl Glover | SDSU Spring Wheat Breeder
Christopher Graham | SDSU Extension Agronomist
Madalyn Shires | SDSU Extension Plant Pathologist
Gazala Ameen | SDSU Small Grains Plant Pathologist
Dalitso Yabwalo | SDSU Research Associate
Jesse Hall | SDSU CPT Trial Manager
Shawn Hawks | Agricultural Research Manager
Christopher Nelson | Agricultural Research Assistant
Travis Iverson | Assistant Farm Manager



Eastern trial locations: Brookings, Claire City, Frankfurt, South Shore

Central trial locations: Agar (not harvested), Miller, Bath, Selby

Western trial locations: Sturgis, Wall

Individual trial location results can be accessed online at: extension.sdstate.edu/spring-wheat-variety-trial-results

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S-0002-2026-02-SW-Regional-Summaries



**SOUTH DAKOTA STATE
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2026 South Dakota Spring Wheat Variety Trial Results Variety List

Table 1. List of spring wheat varieties tested in 2026 along with origin, agronomic, and grain quality characteristics.

Variety	Testing and Origin		Agronomic Characteristics			Grain Quality¶	
	Years tested in SD Trials	Origin† Year	Relative Heading‡ (days)	Height (in.)	Lodging Score§	Test Wt. (lb/bu)	Protein (%)
AP DAGR	2	AP-25	5	29	1	57.1	14.6
AP ELEVATE	2	AP-25	6	30	1	57.4	15.3
AP ICONIC	2	AP-25	4	31	1	57.7	14.8
ASCEND-SD	5+	SD-21	5	35	1	58.6	15.3
BRAWN-SD	5+	SD-22	2	33	1	59.7	14.5
CP3055	3	WF-24	10	32	1	50.7	13.7
CP3555	2	WF-25	4	31	1	56.8	14.7
CP3604	new	CP-25	5	33	1	57.7	15.3
DRIVER	5+	SD-19	5	32	1	58.1	15.0
ENHANCE-SD	4	SD-25	2	32	1	59.0	15.4
FG HEINER	new	FG-25	3	26	1	57.4	16.0
LAR22-00053	new	LCS-26	5	29	1	57.2	14.0
LCS ASCENT	5	LCS-21	0	31	1	58.5	14.5
LCS BOOM	5+	LCS-23	0	30	1	60.0	15.3
LCS CANNON	5+	LCS-18	0	29	1	59.5	15.1
MN-ROTHSAY	5	MN-21	5	29	1	57.4	15.0
MN-TORGY	4	MN-20	3	31	1	59.0	15.6
MS CHARGER	5	MS-22	2	30	1	58.1	13.7
MS COBRA	5+	MS-22	3	30	1	57.0	15.2
MS EXP-1	new	MS	3	28	1	56.5	14.5
MS NOVA	5+	MS-24	1	30	1	58.5	15.2
ND ROUGHRIDER	2	ND-25	4	32	1	56.2	14.7
ND STAMPEDE	2	ND-24	1	31	1	56.8	15.0
SURPASS	5+	SD-15	2	32	1	57.6	15.2
TCG-ARSENAL	new	TCG-24	6	31	1	56.6	14.6
VIRTUE ANDINA	new	GDM-26	3	25	1	55.8	15.6
VIRTUE HIMALAYA	new	GDM-26	7	27	1	55.1	15.1
WB9590	5+	WB-17	2	27	1	57.8	15.6
WB9641	new	WB-24	5	30	1	56.9	14.3
WB9645	new	WB-24	4	31	1	57.1	14.7
Trial Averages	-	-	-	30	1	57.4	14.9

† AP, AgriPro; CAG, Champion Alliance Group; LCS, Limagrain Cereal Seeds; MN, Minnesota; MS, Meridian Seeds; ND, North Dakota; PFS, Peterson Farms Seed; SD, South Dakota; WI, Winfield; WB, WestBred; and – (Year of Release).

‡ Difference in days to heading compared to Surpass (eastern location average)

§ Lodging score: 1, perfectly standing; to 5, completely flat (2025 eastern and central locations).

¶ Test weight and protein are statewide averages.



**SOUTH DAKOTA STATE
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2026 South Dakota Spring Wheat Variety Trial Results Disease Rating

Table 2. Spring wheat variety disease ratings.

Variety	Disease Ratings†				
	2023 Leaf Rust	2024 Stem Rust	2025 Tan Spot	2024-2026 Bacterial Leaf Streak	2024-2026 Fusarium Head Blight
AP DAGR	-	-	4	6	6
AP ELEVATE	-	-	5	5	4
AP ICONIC	-	-	6	5	5
ASCEND-SD	2	MR	4	3	3
BRAUN-SD	3	MR	5	4	5
CP3055	-	-	5	7	8
CP3555	-	-	6	5	7
CP3604	-	-	-	new	new
DRIVER	2	MR	7	5	5
ENHANCE-SD	-	-	6	5	5
FG HEINER	-	-	-	new	new
LAR22-00053	-	-	-	new	new
LCS ASCENT	4	R	7	4	3
LCS BOOM	6	R	7	3	3
LCS CANNON	5	R	8	4	4
MN-ROTHSAY	5	R	5	5	5
MN-TORGY	3	MR	4	4	3
MS CHARGER	5	R	6	4	4
MS COBRA	4	R	5	4	7
MS EXP-1	-	-	-	new	new
MS NOVA	-	-	5	4	5
ND ROUGHRIDER	-	-	4	5	6
ND STAMPEDE	-	-	5	6	3
SURPASS	4	MR	3	3	4
TCG-ARSENAL	-	-	-	new	new
VIRTUE ANDINA	-	-	-	new	new
VIRTUE HIMALAYA	-	-	-	new	new
WB9590	3	MR	7	6	7
WB9641	-	-	-	new	new
WB9645	-	-	-	new	new

† Disease ratings: R, resistant; MR, moderately resistant; MS, moderately susceptible; S, susceptible; or 1, most resistant to 9, most susceptible. Note: SDSU does not perform nursery screenings for all listed pathogens in each growing season.

‡ A dash (-) signifies no rating provided/available.

§ Parenthesis denote estimated ratings/rankings (X) based on externally-provided information.



**SOUTH DAKOTA STATE
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2026 South Dakota Spring Wheat Variety Trial Results Eastern Summary

Table 3. 2026 spring wheat variety performance trial results for testing sites in eastern South Dakota. Varieties yielding in the top 1/3 of the trial are bold and shaded light blue.

Variety	2024	2025	2026			2-year			3-year		
	Yield (bu/a)	Yield (bu/a)	Yield (bu/a)	Test Wt (lbs)	Protein %	Yield (bu/a)	Test Wt (lbs)	Protein %	Yield (bu/a)	Test Wt (lbs)	Protein %
ASCEND-SD	62.3	65.5	61.9	60.3	14.9	63.7	59.7	15.2	63.2	58.4	15.0
ENHANCE-SD	56.1	63.5	61.1	60.0	15.3	62.3	58.9	15.5	60.2	57.8	15.1
BRAWN-SD	58.6	55.6	63.7	61.0	14.4	59.6	59.6	14.6	59.3	58.7	14.5
MS CHARGER	54.3	59.0	64.2	60.2	13.5	61.6	58.4	13.7	59.2	57.0	13.7
MN-TORGY	54.3	59.7	57.1	60.3	15.8	58.4	59.1	15.5	57.0	57.9	15.4
LCS ASCENT	51.8	58.3	56.5	59.6	14.5	57.4	58.9	14.4	55.5	57.7	14.3
SURPASS	53.9	54.3	56.5	58.7	15.4	55.4	57.7	15.5	54.9	56.9	15.3
DRIVER	49.2	56.5	57.6	60.3	15.0	57.0	59.3	15.0	54.4	57.8	14.7
LCS BOOM	51	58.0	53.9	61.0	15.5	55.9	60.3	15.2	54.3	59.1	15.1
MS NOVA	48.2	54.3	58.3	60.0	15.3	56.3	58.7	15.2	53.6	57.4	15.1
MN-ROTHSAY	48.6	57.7	52.9	59.3	14.7	55.3	58.0	14.7	53.1	56.9	14.5
MS COBRA	50.3	54.3	54.5	59.0	15.0	54.4	58.2	15.1	53.0	56.7	14.9
LCS CANNON	47.1	58.6	53.0	60.8	15.1	55.8	60.3	15.0	52.9	59.1	15.0
WB9590	48.3	56.0	51.6	59.0	15.7	53.8	57.8	15.8	52.0	56.5	15.5
CP3055	46.4	51.0	52.6	54.3	13.3	51.8	53.7	13.8	50.0	51.5	13.6
AP DAGR	-	53.0	60.0	59.3	14.4	56.5	57.8	14.2	-	-	-
AP ELEVATE	-	54.7	56.0	59.9	15.1	55.3	58.9	15.0	-	-	-
AP ICONIC	-	55.6	62.6	60.1	14.6	59.1	58.7	14.6	-	-	-
CP3555	-	56.3	56.3	59.0	14.8	56.3	57.3	14.6	-	-	-
ND ROUGHRIDER	-	62.1	61.3	57.7	14.1	61.7	57.4	14.8	-	-	-
ND STAMPEDE	-	50.0	55.1	57.6	14.7	52.6	57.8	15.3	-	-	-
CP3604	-	-	53.6	59.0	15.1	-	-	-	-	-	-
FG HEINER	-	-	49.8	58.8	16.2	-	-	-	-	-	-
LAR22-00053	-	-	61.0	59.4	13.4	-	-	-	-	-	-
MS EXP-1	-	-	59.5	58.0	14.4	-	-	-	-	-	-
TCG-ARSENAL	-	-	57.3	58.8	14.6	-	-	-	-	-	-
VIRTUE ANDINA	-	-	47.3	57.1	15.5	-	-	-	-	-	-
VIRTUE HIMALAYA	-	-	54.9	56.8	14.8	-	-	-	-	-	-
WB9641	-	-	49.6	58.3	14.0	-	-	-	-	-	-
WB9645	-	-	57.5	59.0	14.5	-	-	-	-	-	-
Trial Average#	49.7	58.3	56.8	59.4	14.9	58.4	58.4	14.9	56.9	56.9	14.7
LSD(0.05)†	3.9	7.2	5.9	1.3	0.6	1.5	1.5	0.6	2.2	2.2	0.8
C.V.%‡	7.9	6.2	6.9	1.2	3.5	1.6	1.6	3.3	1.8	1.8	3.2

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.



2026 South Dakota Spring Wheat Variety Trial Results Central Summary

**SOUTH DAKOTA STATE
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Table 4. 2026 spring wheat variety performance trial results for testing sites in central South Dakota. Varieties yielding in the top 1/3 of the trial are bold and shaded light blue.

Variety	2024	2025	2026			2-year			3-year		
	Yield (bu/a)	Yield (bu/a)	Yield (bu/a)	Test Wt (lbs)	Protein %	Yield (bu/a)	Test Wt (lbs)	Protein %	Yield (bu/a)	Test Wt (lbs)	Protein %
BRAWN-SD	58.5	67.3	66.6	60.1	14.3	66.9	60.5	14.2	64.1	59.3	14.2
MS CHARGER	56.1	65.8	68.8	58.3	13.5	67.3	58.5	13.2	63.6	57.3	13.2
ND STAMPEDE	54.2	69.6	66.1	57.6	14.9	67.8	58.6	14.7	63.3	57.4	14.7
ASCEND-SD	58.9	65.3	64.1	58.8	15.5	64.7	59.6	15.1	62.8	58.8	15.0
ENHANCE-SD	54.4	66.3	64.3	59.3	15.3	65.3	59.7	15.0	61.7	58.3	15.0
MN-TORGY	56.3	64.5	62.8	59.8	15.4	63.6	60.0	14.9	61.2	58.9	15.0
DRIVER	54.1	65.2	61.1	58.6	14.9	63.2	59.4	14.5	60.1	58.2	14.5
LCS CANNON	49.8	66.2	64.2	60.2	14.8	65.2	60.5	14.5	60.1	59.2	14.7
LCS ASCENT	51.6	66.6	61.4	59.0	14.2	64.0	59.6	14.2	59.9	58.3	14.2
LCS BOOM	52.9	62.8	62.4	60.1	15.1	62.6	60.3	14.9	59.4	59.4	14.9
MS NOVA	50.6	62.5	63.9	58.8	15.0	63.2	59.3	14.8	59.0	58.2	14.9
MN-ROTHSAY	50.3	60.9	64.7	58.6	15.0	62.8	58.9	14.8	58.6	57.6	14.9
WB9590	47.4	65.2	62.4	58.0	15.8	63.8	58.8	15.3	58.3	57.1	15.5
MS COBRA	50.0	60.8	61.2	58.5	15.0	61.0	59.0	14.8	57.3	57.4	14.8
SURPASS	56.1	56.0	59.6	57.8	15.0	57.8	58.4	15.1	57.2	57.5	15.0
CP3055	43.4	64.1	56.2	53.5	14.8	60.1	54.6	13.9	54.6	52.7	14.0
AP DAGR	-	68.4	63.2	57.4	14.6	65.8	58.5	14.2	-	-	-
AP ELEVATE	-	66.7	61.9	58.3	15.3	64.3	59.0	14.7	-	-	-
AP ICONIC	-	68.3	62.8	58.3	14.9	65.5	59.1	14.5	-	-	-
CP3555	-	58.4	60.6	57.8	14.8	59.5	58.1	14.4	-	-	-
ND ROUGHRIDER	-	59.1	65.5	57.0	14.8	62.3	58.2	14.4	-	-	-
CP3604	-	-	60.3	58.4	15.6	-	-	-	-	-	-
FG HEINER	-	-	57.1	58.0	15.8	-	-	-	-	-	-
LAR22-00053	-	-	63.3	57.7	14.0	-	-	-	-	-	-
MS EXP-1	-	-	68.7	57.2	14.6	-	-	-	-	-	-
TCG-ARSENAL	-	-	59.5	57.5	14.5	-	-	-	-	-	-
VIRTUE ANDINA	-	-	59.1	56.4	15.6	-	-	-	-	-	-
VIRTUE HIMALAYA	-	-	62.4	55.2	15.1	-	-	-	-	-	-
WB9641	-	-	60.9	57.9	14.5	-	-	-	-	-	-
WB9645	-	-	61.1	57.5	14.6	-	-	-	-	-	-
Trial Average#	50.1	64.7	62.4	58.3	15.0	63.4	58.9	14.6	58.6	57.4	14.7
LSD(0.05)†	2.9	5.7	4.1	1.0	0.6	4.4	0.8	0.5	4.8	1.0	0.5
C.V.%‡	8.3	7.4	5.5	0.9	2.8	6.7	1.1	3.7	7.2	1.3	3.3

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.



2026 South Dakota Spring Wheat Variety Trial Results Western Summary

**SOUTH DAKOTA STATE
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Table 5. 2026 spring wheat variety performance trial results for testing sites in western South Dakota. Varieties yielding in the top 1/3 of the trial are bold and shaded light blue.

Variety	2024	2025	2026			2-year			3-year		
	Yield (bu/a)	Yield (bu/a)	Yield (bu/a)	Test Wt (lbs)	Protein %	Yield (bu/a)	Test Wt (lbs)	Protein %	Yield (bu/a)	Test Wt (lbs)	Protein %
ND STAMPEDE	40.4	not	51.7	54.2	15.5	-	NA	-	46.0	54.6	15.8
ENHANCE-SD	40.4	harvested	49.9	56.4	15.8	-	-	-	45.1	56.7	16.1
BRAWN-SD	39.5	-	50.0	56.5	14.9	-	-	-	44.7	56.8	15.3
LCS BOOM	39.0	-	49.6	57.9	15.5	-	-	-	44.3	58.1	15.6
MS NOVA	36.4	-	49.8	55.2	15.5	-	-	-	43.1	55.5	15.6
ASCEND-SD	38.9	-	46.5	54.9	15.9	-	-	-	42.7	55.7	15.9
LCS CANNON	36.6	-	47.9	55.6	15.5	-	-	-	42.3	56.5	15.4
WB9590	36.6	-	47.3	55.0	15.2	-	-	-	41.9	55.3	15.6
LCS ASCENT	37.3	-	45.9	55.6	14.9	-	-	-	41.6	56.5	15.1
MN-TORGY	35.4	-	45.2	55.4	15.9	-	-	-	40.3	55.6	16.0
SURPASS	36.0	-	44.4	55.1	15.0	-	-	-	40.2	55.5	15.3
MS CHARGER	36.1	-	43.4	53.9	14.4	-	-	-	39.7	55.0	14.6
DRIVER	34.6	-	42.4	53.1	15.3	-	-	-	38.5	54.0	15.2
MN-ROTHSAY	33.1	-	41.9	51.8	15.6	-	-	-	37.5	52.9	15.7
MS COBRA	36.2	-	36.2	50.7	15.7	-	-	-	36.2	53.6	15.9
CP3055	33.7	-	33.9	39.3	13.0	-	-	-	33.8	46.8	14.1
AP DAGR	-	-	47.9	52.4	14.9	-	-	-	-	-	-
AP ELEVATE	-	-	38.4	51.2	15.6	-	-	-	-	-	-
AP ICONIC	-	-	39.9	51.7	15.1	-	-	-	-	-	-
CP 3604	-	-	45.8	53.5	15.4	-	-	-	-	-	-
CP3555	-	-	44.2	50.7	14.6	-	-	-	-	-	-
FG HEINER	-	-	45.7	53.8	16.0	-	-	-	-	-	-
LAR22-00053	-	-	47.5	52.4	15.1	-	-	-	-	-	-
MS EXP-1	-	-	46.6	52.5	14.8	-	-	-	-	-	-
ND ROUGHRIDER	-	-	45.1	52.0	15.6	-	-	-	-	-	-
TCG-ARSENAL	-	-	39.5	51.0	14.7	-	-	-	-	-	-
VIRTUE ANDINA	-	-	45.1	52.3	15.7	-	-	-	-	-	-
VIRTUE HIMALAYA	-	-	49.9	51.7	15.5	-	-	-	-	-	-
WB9641	-	-	44.1	52.8	14.7	-	-	-	-	-	-
WB9645	-	-	46.2	52.7	15.3	-	-	-	-	-	-
Trial Average#	57.1	-	45.2	53.7	15.3	-	-	-	40.5	54.4	15.4
LSD(0.05)†	5.3	-	7.6	4.6	1.0	-	-	-	6.0	4.2	0.8
C.V.%‡	9.6	-	11.5	5.4	5.7	-	-	-	10.3	4.1	4.5

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.

§ Due to weather conditions western locations were abandoned in 2025; 2-year data presented here is the average of years 2023 and 2024.