



UNIVERSITY of NEBRASKA
LINCOLN

Red Willow County Rainfed 2023 Spring Wheat Variety Trial

Name	Company	Yield (bu/ac) ¹	Test Weight (lb/bu)	Protein (%) ²	Plant Height (in)	Seed Weight (1000 seeds/lb)
WB9606	WestBred/Bayer	68.8	52.7	13.0	34.7	16,107
Ascend-SD	SDSU	68.7	53.7	14.1	40.1	17,072
SD4905	SDSU	67.0	53.1	13.9	37.5	15,037
Driver	SDSU	66.7	51.3	14.0	35.3	15,966
Brawn-SD	SDSU	65.5	55.0	13.3	38.6	15,167
WB9719	WestBred/Bayer	63.2	53.7	14.3	33.5	14,930
AP Revolution	AgriPro	62.4	53.2	14.2	32.4	16,244
SD4944	SDSU	60.8	52.5	14.4	34.0	17,238
WB9215	WestBred/Bayer	59.1	48.7	13.9	27.0	16,457
WB9303	WestBred/Bayer	56.2	52.4	14.4	30.6	13,789
	Standard Error	3.7	1.7	0.2	0.7	554
	LSD³	6.2	2.9	0.4	1.1	936
	Mean⁴	63.9	52.6	14.0	34.4	15,801
	CV⁵	5.7	3.2	1.8.	1.9	3.5
	Reps	5	5	5	5	5

SITE INFORMATION

Collaborator: Peters Seed Farms, McCook, NE
 Planting Date: March 22, 2023
 Seeding Rate: 1.5 million seeds/acre
 Harvest Date: August 10, 2023
 Fertility: 20 lbs P/A as 40 Rock at planting
 GPS: 40.156938, -100.747514
 Planting Info: Planted 1.5" into good soil moisture using 10" row spacing on a no-till drill in no-till corn fallow
 Notes on Trial: Very good yields, moderately good proteins, and acceptable test weights.

Do not reprint without permission. Contacts: [Amanda Easterly](#) or [Cody Creech](#)

¹ Yield values corrected to 12% moisture. Bolded values indicate highest LSD grouping.

² Protein corrected to 14% moisture, the correction factor used in analytical standards.

³ For differences between varieties that are equal to or greater than the LSD value, the chance that the difference is significant is 90%.

⁴ Mean performance of all entries in the trial.

⁵ Coefficient of Variation (CV) indicates the quality of a trial, and lower than 15 indicates a high-quality trial. For CV>15, there was higher than expected variability in the field or the data and the results should be used with caution.