

2013 WSU Variety Testing SW Spring Wheat Trial, Reardan

Variety Name <i>*Club Italicized</i>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2013				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
Louise-0W			72	87	60.8	11.9	39	181
Babe	78	75	74	86	61.3	11.8	37	180
IDO851				86	60.4	11.5	35	181
Whit	76	73	73	86	60.0	12.8	34	179
WA 8195				86	60.0	12.4	36	180
UI-Stone (IDO599)			73	85	60.6	12.2	33	180
Diva	78	79	76	84	60.4	12.1	37	181
WA 8189				84	62.2	12.4	35	182
Louise-G2		78	73	84	59.8	12.2	40	181
<i>WA 8193</i>				84	62.6	11.4	33	182
Nick	69	69	70	83	60.9	12.3	35	179
Alpowa	75	74	73	83	60.0	12.5	37	182
Louise	78	80	75	83	59.5	12.5	39	181
WA 8162			72	81	61.0	12.9	34	182
<i>JD</i>	75	74	67	81	62.0	12.6	38	181
WA 8194				79	58.6	13.2	38	182
WB-1035CL+		64	65	79	60.5	13.5	33	179
Wakanz	74	74	72	79	58.7	12.7	34	182
WA 8196				78	58.9	12.9	34	180
IDO852				78	61.2	12.5	34	180
IDO854				77	60.0	12.2	35	181
Alturas	77	72	69	76	59.8	12.0	35	181
<i>ARS03174CS-14</i>				75	59.5	13.5	35	182
Zak	69	67	68	75	59.1	13.7	36	182
C.V. %	7	7	6	5	1.6	3.4	3	0
LSD (.10)	2	3	3	4	1.0	0.5	1	0
Average	75	73	72	82	60.3	12.5	36	181
Highest	78	80	76	87	62.6	13.7	40	182
Lowest	69	64	65	75	58.6	11.4	33	179

Reardan Soft White Spring Wheat - Preliminary Data

1. Grain yield in the 2013 Reardan soft white spring wheat trial averaged 82 bushels/acre, 7 bushels/acre higher than the 5-year average. The Reardan nursery was located about 6 miles west of Reardan, WA (Hal Johnson, cooperator).

2. This nursery was seeded on 24 April, 2013 following winter wheat. Seed was placed at an 80#/acre seeding rate using a no-till plot drill equipped with hoe-type openers. A spring soil test showed 207#N/acre and 80#N/acre was applied through the drill. Spring seeding conditions and establishment were good.

3. Yields ranged narrowly from 55 bu/acre to 76 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and 13 of the 24 entries are in this group. `Louise-0W', Louise without insecticide applied with the seed treatment, was the highest yielding named entry in the trial and `Louise', `Diva', and `Babe' were the highest yielding over 5-years at this location. Fungicide was applied early and stripe rust was not a factor.

4. Test weights averaged 60.3 lbs/bu with a range from 58.6 to 62.6 lbs/bu. Grain protein averaged 12.5% with a range of 11.4 to 13.7%. The average plant height was 36 inches and there was no lodging.