

2013 WSU Variety Testing SW Spring Wheat Trial, Farmington

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	LODGING %
<i>WA 8193</i>				100	60.2	10.7	36	12
WA 8189				96	60.1	11.5	37	3
Babe	84	73	75	94	58.9	11.4	38	0
Wakanz	82	74	81	92	58.0	11.7	34	0
Whit	80	75	79	91	58.7	11.8	37	0
WA 8195				91	58.7	11.8	37	17
Alpowa	78	70	77	91	59.7	11.0	39	3
WB-1035CL+		72	81	90	58.5	12.8	37	0
Louise-G2		80	83	88	56.8	11.1	39	70
<i>JD</i>	84	73	77	87	60.0	12.6	42	82
WA 8162			82	87	59.6	11.9	37	2
IDO854				86	59.7	11.4	37	0
Nick	71	65	72	85	58.5	11.9	36	0
Zak	78	74	81	85	57.2	12.1	37	0
WA 8194				85	57.5	12.3	39	53
Louise	83	75	76	83	57.7	11.0	38	78
UI-Stone (IDO599)			76	83	59.1	11.3	36	0
WA 8196				83	57.9	12.3	36	10
<i>ARS03174CS-14</i>				82	58.4	12.7	35	8
Alturas	75	65	71	79	59.3	10.8	36	0
IDO851				79	59.0	10.8	34	12
Diva	83	73	75	78	58.3	11.3	39	82
Louise-0W			74	78	58.3	11.2	38	82
IDO852				75	59.6	11.0	35	0
C.V. %	6	7	7	5	1.1	3.8	4	50
LSD (.10)	2	3	4	4	0.7	0.5	2	11
Average	80	72	77	86	58.7	11.6	37	21
Highest	84	80	83	100	60.2	12.8	42	82
Lowest	71	65	71	75	56.8	10.7	34	0

Farmington Soft White Spring Wheat - Preliminary Data

1. Grain yield in the 2013 Farmington soft white spring wheat trial averaged 86 bushels/acre, 6 bushels/acre higher than the 5-year average. The Farmington nursery was located about 1 mile south of Farmington, WA (B. Nelson, cooperator).

2. This nursery was seeded on 18 April, 2013 following winter wheat. Seed was placed at a 90#/acre seeding rate using a no-till plot drill equipped with Cross-Slot openers. A spring soil test showed very high amount of N/acre after the cooperator applied 95#N/acre before planting and 50#N/acre was applied through the drill. Spring seeding conditions and establishment were good.

3. Yields ranged from 75 bu/acre to 100 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and 2 of the 24 entries are in this group. 'Babe' was the highest yielding named entry in the trial and also along with 'JD' was the highest yielding over 5-years at this location. Fungicide was applied early and stripe rust was not a factor.

4. Test weights averaged 58.7 lbs/bu with a range from 56.8 to 60.2 lbs/bu. Grain protein averaged 11.6% with a range of 10.7 to 12.8%. The average plant height was 37 inches and lodging was variable and high for some varieties.