

2014 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)	2014					
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING %
WA 8224				82	57.3	10.2	39	175	0
WA 8189			85	75	57.6	12.2	38	177	0
UI-Stone (IDO599)	80	75	79	75	56.4	12.1	37	174	0
<i>WA 8193</i>			87	74	58.5	10.6	37	177	25
WA 8213				73	55.6	10.9	40	175	0
Nick	68	72	79	72	57.2	11.4	39	174	13
WA 8162 (Seahawk)		78	79	72	58.0	12.9	38	175	0
WB6341				71	55.4	11.8	38	175	17
Diva	77	73	74	70	56.5	11.3	38	176	42
Babe	78	73	82	69	57.0	11.0	39	176	30
IDO852			72	69	56.5	11.2	36	175	0
Whit	76	75	80	68	56.4	11.8	39	174	67
<i>JD</i>	78	74	78	68	59.0	11.9	43	175	33
WB-1035CL+		76	78	67	56.6	12.5	36	175	0
WA 8214				66	55.5	11.1	38	174	58
WA 8215				65	58.0	10.8	38	176	17
IDO851			71	64	57.0	10.5	39	174	0
WA 8195			77	63	58.3	11.8	39	174	0
Alpowa	73	72	77	63	56.6	11.3	41	177	0
Zak	73	74	74	62	55.2	13.5	38	176	0
Louise	76	70	71	59	55.6	11.7	39	175	75
Alturas	69	66	69	58	56.1	11.4	39	174	0
Louise-G2		74	73	57	55.9	11.5	41	176	92
Louise-0W		66	64	51	54.9	12.1	39	176	58
C.V. %	7	8	7	9	1.9	8.8	3	0	123
LSD (.10)	2	3	4	7	1.1	1.1	1	1	29
Average	75	73	76	67	56.7	11.6	39	175	22
Highest	80	78	87	82	59.0	13.5	43	177	92
Lowest	68	66	64	51	54.9	10.2	36	174	0

Farmington Soft White Spring Wheat – Preliminary Data

1. Grain yield in the Farmington 2014 soft white spring wheat trial averaged 67 bushels/acre, eight bushels/acre lower than the 5-year average. The Farmington nursery was located about four miles south of Farmington, WA (B. Nelson, Cooperator).
2. This nursery was seeded on 9 April, 2014 following winter wheat. Seed was placed at a 90#/acre seeding rate using a no-till plot drill equipped with Cross-slot openers set on 10-inch spacing. Base fertilizer was 100#N/acre and a spring soil test showed 124#/acre of soil available N. Spring seeding conditions and establishment were good.
3. Yields ranged from 51 bu/acre to 82 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and three of the 24 entries are in this group. 'UI-Stone' was the highest yielding entry in the trial. No fungicide was applied and no stripe rust was observed.
4. Test weights averaged 56.7 lbs/bu with a range from 54.9 to 59.0 lbs/bu and were low likely due to limited available water during grain filling. Grain protein averaged 11.6% with a range of 10.2 to 13.5%. The average plant height was 39 inches with lodging by half the entries that ranged from 0 to 92% lodged.