

2013 WSU Variety Testing SW Spring Wheat Trial, Fairfield

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
Louise	--	72	80	82	59.9	10.8	32
WA 8189	--			79	60.5	11.2	31
Louise-G2	--	71	77	79	60.6	10.6	31
Zak	--	61	70	76	59.5	11.3	33
Louise-0W	--		76	76	60.1	10.7	33
WA 8194	--			73	59.8	12.2	33
Diva	--	66	73	73	60.3	11.4	31
Wakanz	--	63	72	72	57.6	11.6	33
Alpowa	--	61	69	72	59.7	11.6	29
Nick	--	62	71	71	59.5	11.6	33
Babe	--	66	70	69	59.3	11.5	32
<i>ARS03174CS-14</i>	--			67	59.5	12.2	30
<i>JD</i>	--	65	68	66	59.5	12.1	32
WA 8162	--		68	66	59.3	12.2	33
WB-1035CL+	--	57	65	64	59.2	13.6	33
IDO854	--			62	59.5	11.6	31
IDO851	--			60	58.7	10.7	31
Whit	--	65	66	60	59.2	12.7	34
WA 8196	--			60	58.1	12.5	33
Alturas	--	60	64	59	58.5	11.3	32
WA 8195	--			58	58.8	11.2	33
IDO852	--			55	59.5	11.1	32
UI-Stone (IDO599)	--		59	55	59.5	11.4	32
<i>WA 8193</i>	--			52	59.3	11.6	30
C.V. %	--	7	6	7	0.4	5.2	6
LSD (.10)	--	3	3	5	0.3	0.6	2
Average	--	64	70	67	59.4	11.6	32
Highest	--	72	80	82	60.6	13.6	34
Lowest	--	57	59	52	57.6	10.6	29

Fairfield Soft White Spring Wheat - Preliminary Data

1. Grain yield in the 2013 Fairfield soft white spring wheat trial averaged 67 bushels/acre, 3 bushels/acre higher than the 5-year average. The Fairfield nursery was located about 4 miles northwest of Fairfield, WA (L. Green, 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 hoe-type openers. A spring soil test showed 158#N/acre and 114#N/acre was applied through the drill. Spring seeding conditions and establishment were good.
3. Yields ranged from 52 bu/acre to 82 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and 3 of the 24 entries are in this group. 'Louise', was the highest yielding named entry in the trial and Louise 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 59.4 lbs/bu with a range from 57.6 to 60.6 lbs/bu. Grain protein averaged 11.6% with a range of 10.6 to 13.6%. The average plant height was 32 inches and there was no lodging.