

2012 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)	2012			
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT
Louise	--	--	67	79	62.0	10.0	37
Louise-0W	--	--		77	61.8	10.4	37
Louise-G2	--	--	67	75	61.7	9.9	37
WA 8161	--	--		74	61.7	10.9	37
Diva	--	--	63	73	62.3	10.4	37
Whit	--	--	67	73	62.0	10.5	35
Wakanz	--	--	59	71	60.6	10.7	33
Babe	--	--	64	71	62.6	10.0	36
<i>JD</i>	--	--	64	70	63.2	11.0	37
<i>ARS03174CS</i>	--	--		70	62.8	11.1	35
<i>WA 8160</i>	--	--		70	62.2	10.8	37
WA 8162	--	--		70	62.5	10.8	33
Alturas	--	--	61	70	61.8	10.5	32
Nick	--	--	58	70	61.3	10.6	33
WA 8124	--	--		67	62.7	10.7	35
IDO671	--	--	58	67	62.0	10.1	34
ARS03173LS	--	--		66	60.6	10.5	35
Alpowa	--	--	56	66	62.4	10.3	35
WB-1035CL+	--	--	54	65	61.3	11.9	33
IDO686	--	--	56	65	63.0	11.1	36
IDO687	--	--	59	65	63.1	10.9	34
Zak	--	--	53	63	60.9	10.8	35
IDO599	--	--		62	62.5	10.9	33
<i>WA 8131</i>	--	--	56	61	61.9	11.5	30
C.V. %	--	--	6	4	0.4	2.0	4
LSD (.10)	--	--	3	3	0.2	0.2	2
Average	--	--	60	69	62.0	10.7	35
Highest	--	--	67	79	63.2	11.9	37
Lowest	--	--	53	61	60.6	9.9	30

Fairfield Soft White Spring Wheat - Preliminary Data

1. Grain yield in the 2012 Fairfield soft white spring wheat trial averaged 69 bushels/acre. This is the second year of trials for this location. The Fairfield nursery was located about three miles northwest of Fairfield, WA (L. Green, cooperator).
2. This nursery was seeded on 21 April, 2012 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 90#N/acre applied through the planter and a soil test showed 95#N/acre available. Spring seeding conditions were good.
3. Yields ranged from 61 bu/acre to 79 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. 'Louise' was the highest yielding entry in this trial. Fungicide was applied 4 July for stripe rust control and stripe rust had minimal impact in this trial.
4. Test weights averaged 62.0 lbs/bu and ranged from 60.6 to 63.2 lbs/bu. Grain protein averaged 10.7% with a range of 9.9 to 11.9%. The average plant height was 35 inches with no lodging.