

2014 WSU Variety Testing Soft White Spring Wheat Trial Summary

Precipitation Zone >20"

Variety Name <i>(Club Italicized)</i>	Fairfield	Farmington	Average	Fairfield	Farmington	Average	Fairfield	Farmington	Average
	Yield (Bu/A)			Test Wt (Lbs/Bu)			Protein (%)		
<i>Whit</i>	93	68	80	58.5	56.4	57.4	10.7	11.8	11.3
<i>WA 8224</i>	77	82	79	57.2	57.4	57.3	10.5	10.2	10.4
<i>WA 8189</i>	83	75	79	57.9	57.6	57.8	11.4	12.2	11.8
<i>WB6341</i>	84	71	77	56.3	55.4	55.8	10.6	11.8	11.2
<i>Nick</i>	83	72	77	57.0	57.2	57.1	10.6	11.4	11.0
<i>WA 8214</i>	86	66	76	56.1	55.5	55.8	11.1	11.1	11.1
<i>Babe</i>	82	69	76	57.4	57.0	57.2	11.0	11.0	11.0
<i>WA 8162 (Seahawk)</i>	78	72	75	56.6	58.0	57.3	13.0	12.9	13.0
<i>WA 8213</i>	77	73	75	54.3	55.6	55.0	10.9	10.9	10.9
<i>UI-Stone (IDO599)</i>	74	75	74	57.9	56.4	57.1	11.0	12.1	11.5
<i>Diva</i>	75	70	72	57.8	56.5	57.1	11.3	11.3	11.3
<i>IDO852</i>	76	69	72	57.4	56.5	56.9	11.1	11.2	11.2
<i>WA 8193</i>	71	74	72	58.0	58.5	58.3	11.1	10.6	10.8
<i>WB-1035CL+</i>	76	67	71	57.2	56.6	56.9	11.9	12.5	12.2
<i>WA 8215</i>	76	65	71	58.4	58.0	58.2	10.3	10.8	10.6
<i>WA 8195</i>	78	63	71	57.1	58.3	57.7	11.4	11.8	11.6
<i>JD</i>	70	68	69	58.6	59.0	58.8	12.1	11.9	12.0
<i>IDO851</i>	72	64	68	57.9	57.1	57.5	10.7	10.5	10.6
<i>Alpowa</i>	71	63	67	57.6	56.6	57.1	11.5	11.3	11.4
<i>Louise</i>	70	59	64	55.2	55.6	55.4	11.4	11.7	11.5
<i>Alturas</i>	71	58	64	56.8	56.1	56.5	10.5	11.4	11.0
<i>Zak</i>	67	62	64	54.4	55.2	54.8	11.9	13.5	12.7
<i>Louise-G2</i>	69	57	63	56.0	55.9	55.9	11.5	11.5	11.5
<i>Louise-0W</i>	70	51	61	56.6	54.9	55.7	11.3	12.1	11.7
C.V. %	6	9	8	1.8	1.9	1.8	4.1	8.8	7.0
LSD (0.10)	5	7	4	1.1	1.1	0.8	0.5	1.1	0.6
Average	76	67	72	57.0	56.7	56.9	11.2	11.6	11.4
Highest	93	82	80	58.6	59.0	58.8	13.0	13.5	13.0
Lowest	67	51	61	54.3	54.9	54.8	10.3	10.2	10.4

2014 WSU Soft White Spring Wheat Trial Summary

Precipitation Zone >20" – Preliminary Data

1. Soft white spring wheat grain yield across two locations and 24 entries in the >20" precipitation zone averaged 72 bushels/acre and is 2 bushels/acre lower than the 2013 average of 74 bushels/acre. The Pullman trial was lost due to severe hail damage. The average yield CV (8) was higher than the 2013 CV (6).
2. Yields among entries averaged across locations ranged from 61 to 80 bushels/acre. 'Whit' was the highest yielding named entry averaged across locations. Average yield values within the 10% LSD range (4 bushels/acre) of the highest yield are shown in bold and this included seven of the 24 entries. Stripe rust was not a factor in these trials.
3. Test weight averaged 56.9 lbs/bu across locations and entries and was much lower than last year's 59.2 lbs/bu average. Grain protein averaged 11.4% and was higher than last year's 10.9% protein value.