

2014 WSU Variety Testing Soft White Spring Wheat Trial Summary

Precipitation Zone <12"

Variety Name <i>(Club Italicized)</i>	Bickleton	Connell	Horse Heaven	Lind	Average	Bickleton	Connell	Horse Heaven	Lind	Average	Bickleton	Connell	Horse Heaven	Lind	Average
	Yield (Bu/A)					Test Wt (Lbs/Bu)					Protein (%)				
<i>Diva</i>	18	26	22	30	24	60.2	62.7	60.9	61.6	61.4	11.6	12.5	11.9	12.2	12.1
<i>WA 8214</i>	21	26	22	27	24	58.1	62.4	60.6	62.3	60.8	12.4	13.2	11.9	13.1	12.6
<i>WA 8213</i>	20	26	23	27	24	56.2	61.9	60.1	61.4	59.9	11.6	11.7	11.6	11.8	11.7
<i>WB6341</i>	21	24	22	26	23	55.4	62.8	62.0	61.9	60.5	12.5	12.8	11.3	12.8	12.4
<i>WA 8224</i>	20	23	23	26	23	57.7	61.9	60.9	62.0	60.6	12.0	12.1	11.8	12.8	12.2
<i>Nick</i>	20	24	22	26	23	57.7	62.1	61.4	62.3	60.9	13.0	14.0	12.7	13.6	13.3
<i>JD</i>	19	23	22	26	23	60.2	63.7	62.3	62.5	62.2	12.3	12.8	12.0	13.2	12.6
<i>WA 8193</i>	20	24	21	25	23	58.8	62.6	60.8	62.2	61.1	12.2	12.4	12.3	12.5	12.3
<i>Louise-G2</i>	15	25	21	28	22	55.8	61.4	59.9	62.1	59.8	12.9	12.4	12.6	13.1	12.8
<i>WA 8189</i>	20	22	20	25	22	58.5	62.9	61.3	61.9	61.1	13.7	12.8	12.4	13.2	13.0
<i>Zak</i>	19	23	24	23	22	58.6	62.2	61.0	61.5	60.8	14.2	13.6	12.9	14.6	13.8
<i>Louise</i>	16	25	19	27	22	56.6	61.8	59.9	62.1	60.1	12.6	12.3	12.3	12.4	12.4
<i>Louise-0W</i>	15	25	22	25	22	56.9	61.8	60.3	62.1	60.3	13.2	12.3	12.5	12.7	12.7
<i>Alpowa</i>	19	23	22	23	22	58.3	62.2	61.3	63.7	61.4	11.6	12.8	12.4	14.0	12.7
<i>WA 8195</i>	20	24	19	24	22	57.7	62.9	62.1	61.9	61.2	12.5	12.7	12.3	12.9	12.6
<i>IDO851</i>	17	23	19	28	22	58.3	62.1	61.0	61.6	60.8	11.3	12.1	11.4	12.7	11.9
<i>WA 8215</i>	18	23	21	25	21	58.6	62.9	62.0	61.8	61.3	12.3	12.8	12.1	13.4	12.6
<i>Whit</i>	20	21	21	24	21	56.7	61.7	60.4	61.7	60.1	12.3	13.1	12.1	13.1	12.7
<i>WA 8162 (Seahawk)</i>	20	20	23	23	21	57.6	62.6	61.3	63.1	61.2	12.1	12.8	12.1	13.4	12.6
<i>Alturas</i>	17	22	19	25	21	57.7	60.3	60.8	61.2	60.0	11.7	12.6	11.6	12.7	12.1
<i>UI-Stone (IDO599)</i>	19	21	18	25	21	60.8	62.9	62.6	62.6	62.2	11.6	13.2	12.0	13.5	12.6
<i>Babe</i>	19	21	19	23	20	57.9	63.2	61.6	62.2	61.2	12.8	13.4	12.9	13.4	13.1
<i>WB-1035CL+</i>	16	21	19	23	20	58.4	61.8	60.6	61.3	60.5	13.7	14.5	13.5	14.9	14.2
<i>IDO852</i>	17	20	19	23	20	60.1	63.6	63.0	62.6	62.3	12.0	13.3	12.1	13.3	12.7
C.V. %	11	7	7	8	8	2.3	0.8	1.0	1.1	1.4	4.7	2.1	2.1	3.0	3.2
LSD (0.10)	2	2	2	2	1	1.4	0.5	0.7	0.7	0.5	0.6	0.3	0.3	0.4	0.2
Average	19	23	21	25	22	58.0	62.4	61.2	62.1	60.9	12.4	12.8	12.2	13.1	12.7
Highest	21	26	24	30	24	60.8	63.7	63.0	63.7	62.3	14.2	14.5	13.5	14.9	14.2
Lowest	15	20	18	23	20	55.4	60.3	59.9	61.2	59.8	11.3	11.7	11.3	11.8	11.7

2014 WSU Soft White Spring Wheat Trial Summary

Precipitation Zone <12" – Preliminary Data

1. Soft white spring wheat grain yield across four locations and 24 entries in the <12" precipitation zone averaged 22 bushels/acre and is 7 bushels/acre lower than the 2013 average of 29 bushels/acre. The average yield CV at 8 is similar to the 2013 CV.
2. Yields among entries averaged across locations ranged narrowly from 20 to 24 bushels/acre. 'Diva' was the highest yielding named entry averaged across locations. Average yield values within the 10% LSD range (1 bushels/acre) of the highest yield are shown in bold and this included eight of the 24 entries. Stripe rust was not a factor in these trials.
3. Test weight averaged 60.9 lbs/bu across locations and entries and was higher than last year's 60.3 lbs/bu average. Grain protein averaged 12.7% and was equivalent to last year's 12.8% protein value.