

2014 WSU Variety Testing Soft White Spring Wheat Trial Summary

Precipitation Zone 12-16"

Variety Name <i>(Club Italicized)</i>	Endicott	Lamont	Average	Endicott	Lamont	Average	Endicott	Lamont	Average
	Yield (Bu/A)			Test Wt (Lbs/Bu)			Protein (%)		
	Endicott	Lamont	Average	Endicott	Lamont	Average	Endicott	Lamont	Average
<i>Louise</i>	39	42	41	61.9	58.7	60.3	13.3	13.1	13.2
<i>Nick</i>	39	40	39	61.6	59.0	60.3	14.1	13.3	13.7
<i>Diva</i>	36	42	39	62.2	59.6	60.9	13.5	13.8	13.6
<i>WA 8214</i>	39	38	38	61.6	58.8	60.2	13.4	13.0	13.2
<i>WA 8213</i>	36	40	38	60.5	56.8	58.6	12.4	12.1	12.2
<i>WB6341</i>	36	36	36	61.5	58.3	59.9	12.3	12.5	12.4
<i>WA 8215</i>	32	38	35	61.8	58.7	60.3	13.4	13.2	13.3
<i>Louise-G2</i>	33	37	35	61.4	58.5	60.0	13.1	13.3	13.2
<i>Louise-0W</i>	31	37	34	60.7	59.0	59.9	12.8	12.3	12.5
<i>WA 8189</i>	36	32	34	61.8	58.5	60.2	13.5	13.8	13.7
<i>Alturas</i>	34	33	34	61.4	58.0	59.7	12.7	12.9	12.8
<i>Whit</i>	32	33	33	61.1	58.4	59.7	13.9	13.5	13.7
<i>WA 8195</i>	28	37	33	61.1	58.9	60.0	13.0	12.9	13.0
<i>Babe</i>	30	35	32	62.0	57.9	59.9	14.0	13.1	13.6
<i>IDO851</i>	31	33	32	61.5	58.2	59.9	12.6	12.4	12.5
<i>WB-1035CL+</i>	29	34	32	61.0	58.8	59.9	15.1	14.4	14.7
<i>Zak</i>	28	35	32	60.3	57.2	58.8	14.8	14.4	14.6
<i>Alpowa</i>	31	32	32	62.0	58.0	60.0	14.2	13.6	13.9
<i>WA 8224</i>	29	33	31	61.3	58.1	59.7	13.3	13.2	13.2
<i>JD</i>	29	32	31	61.7	58.8	60.3	14.0	13.9	14.0
<i>WA 8162 (Seahawk)</i>	28	29	29	61.3	58.1	59.7	13.6	13.9	13.8
<i>UI-Stone (IDO599)</i>	23	33	28	62.8	59.6	61.2	13.2	12.8	13.0
<i>WA 8193</i>	29	25	27	61.2	58.3	59.7	14.1	14.2	14.1
<i>IDO852</i>	23	29	26	61.8	59.3	60.6	13.3	13.3	13.3
C.V. %	10	12	11	0.9	1.0	0.9	2.8	4.3	3.6
LSD (0.10)	4	4	3	0.6	0.6	0.4	0.4	0.6	0.4
Average	32	35	33	61.5	58.5	60.0	13.5	13.3	13.4
Highest	39	42	41	62.8	59.6	61.2	15.1	14.4	14.7
Lowest	23	25	26	60.3	56.8	58.6	12.3	12.1	12.2

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Precipitation Zone 12-16" – Preliminary Data

1. Soft white spring wheat grain yield across two locations and 24 entries in the 12-16" precipitation zone averaged 33 bushels/acre and is 25 bushels/acre lower than the 2013 average of 58 bushels/acre. Results from Almira were not included because they were non-significant due to low yields and high variability. Results from Almira were not included because they were atypical due to low yields and high variability. The average yield CV at 11 was higher than the 2013 CV (6).
2. Yields among entries averaged across locations ranged from 26 to 41 bushels/acre. 'Louise' was the highest yielding named entry averaged across locations. Average yield values within the 10% LSD range (3 bushels/acre) of the highest yield are shown in bold and this included five of the 24 entries. Stripe rust was not a factor in these trials.
3. Test weight averaged 60.0 lbs/bu across locations and entries and was similar than last year's 60.1 lbs/bu average. Grain protein averaged 13.4% and was higher than last year's 12.8% protein value.