

2013 WSU Variety Testing Soft White Spring Wheat Trial Summary

Precipitation Zone >20"

Variety Name (Club <i>Italicized</i>)	Fairfield	Farmington	Pullman	Average	Fairfield	Farmington	Pullman	Average	Fairfield	Farmington	Pullman	Average
	Yield (Bu/A)				Test Wt (Lbs/Bu)				Protein (%)			
WA 8189	79	96	73	83	60.5	60.1	60.3	60.3	11.2	11.5	8.7	10.5
<i>Louise</i>	82	84	69	78	59.9	57.7	58.6	58.7	10.8	11.0	8.8	10.2
WA 8194	73	85	75	78	59.8	57.5	59.0	58.8	12.2	12.3	9.8	11.4
<i>Zak</i>	76	85	71	78	59.5	57.2	59.2	58.6	11.3	12.1	9.5	10.9
Louise-G2	79	88	63	77	60.6	56.8	58.9	58.8	10.6	11.1	9.2	10.3
WA 8162	66	87	76	76	59.3	59.6	59.8	59.6	12.2	11.9	9.0	11.0
<i>Wakanz</i>	72	92	65	76	57.6	58.0	58.3	58.0	11.6	11.7	9.5	10.9
<i>Whit</i>	60	91	77	76	59.2	58.7	59.1	59.0	12.7	11.8	9.6	11.4
<i>JD</i>	66	88	72	75	59.5	60.0	59.7	59.7	12.1	12.6	10.0	11.6
<i>Nick</i>	71	85	69	75	59.5	58.5	59.9	59.3	11.6	11.9	9.5	11.0
WA 8193	52	100	72	75	59.3	60.2	60.2	59.9	11.6	10.7	8.5	10.3
<i>Alpowa</i>	72	91	61	75	59.7	59.7	59.6	59.7	11.6	11.0	8.9	10.5
<i>Babe</i>	69	94	60	74	59.3	58.9	58.6	59.0	11.5	11.4	9.4	10.8
WA 8195	58	91	71	73	58.8	58.7	60.2	59.3	11.2	11.8	9.8	10.9
<i>Diva</i>	73	78	67	73	60.3	58.3	59.2	59.3	11.4	11.3	9.4	10.7
IDO854	62	86	69	73	59.5	59.7	60.6	59.9	11.6	11.4	10.2	11.1
<i>ARS03174CS-14</i>	67	83	68	73	59.5	58.4	60.6	59.5	12.2	12.7	9.3	11.4
WB-1035CL+	64	90	64	73	59.2	58.5	59.3	59.0	13.6	12.8	11.2	12.6
<i>Louise-0W</i>	76	78	60	71	60.1	58.3	58.7	59.0	10.7	11.2	9.4	10.4
WA 8196	60	83	70	71	58.1	57.9	59.2	58.4	12.5	12.3	9.4	11.4
UI-Stone (IDO599)	55	83	74	70	59.5	59.1	59.5	59.3	11.4	11.3	9.4	10.7
<i>Alturas</i>	59	79	72	70	58.5	59.3	59.2	59.0	11.3	10.8	9.6	10.6
IDO851	60	79	70	70	58.7	59.0	59.4	59.0	10.7	10.8	9.7	10.4
IDO852	55	75	69	66	59.5	59.6	59.5	59.5	11.1	11.0	9.9	10.7
C.V. %	7	5	5	6	0.4	1.1	0.9	0.9	5.2	3.8	6.4	5.1
LSD (0.10)	5	5	3	3	0.3	0.7	0.6	0.3	0.6	0.5	0.6	0.3
Average	67	86	69	74	59.4	58.7	59.4	59.2	11.6	11.6	9.5	10.9
Highest	82	100	77	83	60.6	60.2	60.6	60.3	13.6	12.8	11.2	12.6
Lowest	52	75	60	66	57.6	56.8	58.3	58.0	10.6	10.7	8.5	10.2

2013 WSU Soft White Spring Wheat Trial Summary Precipitation Zone >20" – Preliminary Data

1. Soft white spring wheat grain yield across three locations and 24 entries in the >20" precipitation zone averaged 74 bushels/acre and is 4 bushels/acre higher than the 2012 average of 70 bushels/acre. The CV for the average data is 6, lower than the 2012 CV.
2. Yields among entries averaged across locations ranged from 66 to 83 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 1 of the 24 entries. Stripe rust was not a factor in these trials.
3. Test weight averaged 59.2 lbs/bu across locations and entries and was lower than last year's 60.9 lbs/bu average. Grain protein averaged 10.9% and was higher than last year's 10.5% protein value.