

2012 WSU Variety Testing Soft White Spring Wheat Trial Summary

Precipitation Zone 12-16"

Variety Name <i>(Club Italicized)</i>	Almira	Endicott	Lamont	Average	Almira	Endicott	Lamont	Average	Almira	Endicott	Lamont	Average
	Yield (Lbs/A)				Test Wt (Lbs/Bu)				Protein (%)			
	Almira	Endicott	Lamont	Average	Almira	Endicott	Lamont	Average	Almira	Endicott	Lamont	Average
WA 8124	45	67	54	55	55.0	63.4	62.4	60.2	14.4	11.3	12.4	12.7
<i>Diva</i>	45	62	58	55	55.0	61.9	61.2	59.4	13.7	11.1	13.1	12.6
<i>Louise</i>	47	65	53	55	54.3	61.9	60.2	58.8	13.6	10.9	12.7	12.4
<i>Louise-G2</i>	43	60	59	54	53.6	61.7	60.4	58.6	14.2	10.9	12.5	12.5
<i>ARS03174CS</i>	51	58	53	54	57.8	61.8	61.9	60.5	15.0	11.9	13.6	13.5
<i>Alturas</i>	41	65	55	54	54.3	61.5	60.6	58.8	14.4	11.1	12.5	12.7
WA 8162	48	57	55	53	55.7	62.3	61.6	59.8	15.5	11.2	12.6	13.1
IDO687	48	58	51	52	56.8	62.8	61.9	60.5	13.5	11.6	13.3	12.8
<i>Zak</i>	45	58	54	52	55.2	61.5	60.8	59.2	15.6	11.9	12.6	13.4
IDO669	41	59	56	52	55.4	62.6	61.1	59.7	14.3	11.9	12.1	12.8
IDO599	47	57	53	52	55.2	61.9	62.2	59.8	13.0	11.0	12.4	12.1
<i>Nick</i>	45	55	54	51	53.2	62.2	60.4	58.6	14.7	12.6	13.3	13.5
<i>ARS03173LS</i>	42	59	51	51	54.1	61.2	60.2	58.5	15.1	11.8	12.1	13.0
WA 8161	46	55	51	50	55.0	61.7	61.0	59.2	15.3	11.0	12.1	12.8
IDO671	37	60	53	50	54.6	61.9	61.1	59.2	14.2	11.1	12.1	12.5
<i>Alpowa</i>	44	56	49	50	55.1	62.7	61.3	59.7	15.3	11.8	12.5	13.2
<i>Louise-0W</i>	39	58	52	50	53.1	61.4	60.2	58.2	14.6	11.3	13.0	13.0
<i>Whit</i>	43	60	45	49	52.2	61.7	60.3	58.0	15.3	12.1	13.8	13.8
<i>Babe</i>	47	51	49	49	54.4	62.5	61.2	59.4	13.9	11.1	12.0	12.3
IDO686	39	57	50	49	55.6	62.9	61.9	60.1	14.0	11.8	12.7	12.8
<i>Wakanz</i>	45	56	44	48	53.1	60.5	59.6	57.8	15.4	11.5	13.6	13.5
<i>WA 8160</i>	45	54	42	47	55.0	60.1	60.4	58.5	14.8	12.1	13.5	13.5
WB-1035CL+	45	52	43	47	52.0	62.2	60.0	58.1	16.1	13.4	14.3	14.6
<i>JD</i>	46	50	43	46	56.4	62.4	61.2	60.0	15.1	12.2	13.8	13.7
C.V. %	11	7	10	9	2.0	0.8	0.6	1.2	7.2	2.9	4.9	5.7
LSD (0.10)	5	5	6	3	1.1	0.5	0.4	0.4	1.1	0.4	0.7	0.5
Average	44	58	51	51	54.7	62.0	61.0	59.2	14.6	11.6	12.9	13.0
Highest	51	67	59	55	57.8	63.4	62.4	60.5	16.1	13.4	14.3	14.6
Lowest	37	50	42	46	52.0	60.1	59.6	57.8	13.0	10.9	12.0	12.1

2012 WSU Soft White Spring Wheat Trial Summary Precipitation Zone 12-16” – Preliminary Data

1. Soft white spring wheat grain yield across three locations and 24 entries in the 12-16” precipitation zone averaged 51 bushels/acre and is 14 bushels/acre lower than the 2011 average of 65 bushels/acre. The CV for the average data is 9 the same as the 2011 CV.
2. Yields among entries averaged across locations ranged from 46 to 55 bushels/acre. ‘Diva’ and ‘Louise’ were the highest yielding entries averaged across locations. Louise-G2 is Louise with 2oz/100lbs seed of Gaucho® insecticide seed treatment targeting wireworms, Louise is the standard seed treatment rate (0.75oz./100lbs. seed), and Louise-0W is without insecticide and yielded 5 bu/acre less than Louise. Average yield values within the 10% LSD range (3 bushels/acre) of the highest yield are shown in bold and this included 11 of the 24 entries. Stripe rust was not a factor in these trials and fungicide was applied as needed.
3. Test weight averaged 59.2 lbs/bu across locations and entries and was lower than last year’s 61.5 lbs/bu average. Grain protein averaged 13.0% and was higher than last year’s 10.1% protein value.