

2012 WSU Variety Testing Soft White Spring Wheat Trial Summary

Precipitation Zone 16-20"

Variety Name <i>(Club Italicized)</i>	Dayton	Mayview	Reardan	St. John	Walla Walla	Average	Dayton	Mayview	Reardan	St. John	Walla Walla	Average	Dayton	Mayview	Reardan	St. John	Walla Walla	Average
	Yield (Lbs/A)						Test Wt (Lbs/Bu)						Protein (%)					
<i>Louise</i>	58	44	68	78	74	64	59.9	60.6	59.5	60.7	59.0	60.0	11.9	10.3	13.6	9.2	11.1	11.2
<i>Diva</i>	57	42	68	79	77	64	61.2	61.6	59.1	61.1	59.4	60.5	11.4	9.7	13.8	9.6	10.9	11.1
<i>WA 8124</i>	59	44	56	77	83	64	61.6	62.4	58.6	61.0	60.5	60.8	12.1	10.6	15.3	9.0	11.0	11.6
<i>Louise-G2</i>	58	44	62	74	76	63	59.9	60.6	57.0	60.7	59.3	59.5	11.8	10.3	14.5	9.0	11.1	11.3
<i>Louise-0W</i>	58	43	57	79	75	62	60.1	60.6	57.1	60.8	59.0	59.5	11.9	9.8	14.5	8.7	11.1	11.2
<i>Whit</i>	58	40	61	75	78	62	60.2	60.5	59.4	60.3	58.8	59.8	12.2	10.2	14.4	9.1	11.5	11.5
<i>WA 8162</i>	57	34	63	76	78	62	61.8	61.5	60.1	61.3	60.1	61.0	11.4	10.6	14.0	9.4	11.3	11.3
<i>Babe</i>	55	32	62	74	85	61	61.6	61.4	60.4	60.6	60.5	60.9	11.6	10.3	13.9	8.6	10.9	11.1
<i>WA 8161</i>	56	39	58	73	81	61	61.4	61.8	57.9	62.0	60.5	60.7	11.7	10.2	14.6	8.9	11.2	11.3
<i>ARS03174CS</i>	61	37	60	80	69	61	61.4	61.4	60.2	61.6	59.5	60.8	12.0	11.1	15.5	9.4	11.5	11.9
<i>IDO599</i>	52	39	61	73	80	61	62.0	62.0	57.5	60.8	60.8	60.6	11.5	9.8	14.5	8.4	10.8	11.0
<i>IDO671</i>	55	35	69	71	74	61	61.3	61.1	59.5	60.7	59.9	60.5	11.5	10.1	13.5	9.0	11.0	11.0
<i>Alpowa</i>	57	36	64	66	81	61	61.4	62.0	59.0	61.0	61.0	60.9	11.7	10.2	14.1	9.0	10.9	11.2
<i>Alturas</i>	56	35	61	73	76	60	61.1	60.8	58.0	60.4	59.3	59.9	11.4	9.8	14.2	9.1	11.2	11.1
<i>WA 8160</i>	57	37	59	73	74	60	61.5	60.8	59.2	60.7	59.9	60.4	12.2	11.1	15.0	9.1	11.3	11.7
<i>Zak</i>	54	35	60	76	74	60	60.7	60.9	59.4	60.3	59.1	60.1	11.9	10.6	14.5	8.4	11.0	11.3
<i>Wakanz</i>	59	40	65	69	65	60	59.0	59.6	59.3	59.4	56.5	58.8	11.8	10.5	14.2	9.1	11.6	11.4
<i>ARS03173LS</i>	57	34	59	75	73	60	60.0	60.3	55.7	60.0	58.1	58.8	11.8	9.9	14.7	8.4	11.1	11.2
<i>JD</i>	53	40	54	74	75	59	61.9	61.9	59.2	61.8	60.4	61.0	12.0	10.3	15.0	9.1	11.8	11.6
<i>Nick</i>	57	33	57	63	80	58	60.7	61.0	58.0	59.6	59.6	59.8	12.4	10.7	15.1	9.5	11.6	11.8
<i>IDO687</i>	54	35	61	65	74	58	62.3	62.4	59.7	61.7	61.7	61.5	12.0	10.1	14.6	10.1	11.5	11.7
<i>IDO686</i>	49	36	62	67	72	57	62.0	62.4	60.6	61.6	60.8	61.5	11.8	10.5	14.1	8.9	11.0	11.3
<i>WB-1035CL+</i>	50	34	51	59	74	54	59.6	61.2	56.8	60.2	59.5	59.5	13.3	11.2	16.0	9.8	12.6	12.6
<i>WA 8131</i>	53	29	50	70	61	53	60.9	61.7	57.5	60.6	58.7	59.9	12.4	10.8	15.6	8.6	11.9	11.9
C.V. %	3	7	9	7	4	6	0.4	0.5	2.4	0.9	0.9	1.2	1.5	4.0	4.4	7.4	3.3	4.3
LSD (0.10)	2	3	6	5	3	2	0.3	0.3	1.5	0.6	0.6	0.3	0.2	0.4	0.7	0.7	0.4	0.2
Average	56	37	60	72	75	60	61.0	61.3	58.7	60.8	59.7	60.3	11.9	10.4	14.6	9.1	11.3	11.4
Highest	61	44	69	80	85	64	62.3	62.4	60.6	62.0	61.7	61.5	13.3	11.2	16.0	10.1	12.6	12.6
Lowest	49	29	50	59	61	53	59.0	59.6	55.7	59.4	56.5	58.8	11.4	9.7	13.5	8.4	10.8	11.0

2012 WSU Soft White Spring Wheat Trial Summary Precipitation Zone 16-20” – Preliminary Data

1. Soft white spring wheat grain yield across five locations and 24 entries in the 16-20” precipitation zone averaged 60 bushels/acre and is 10 bushels/acre lower than the 2011 average of 70 bushels/acre. The CV for the average data is 6 and is lower the 2011 CV.
2. Yields among entries averaged across locations ranged from 53 to 64 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 2 bu/acre less than Louise. Average yield values within the 10% LSD range (2 bushels/acre) of the highest yield are shown in bold and this included 7 of the 24 entries. Stripe rust was not a factor in these trials and fungicide was applied as needed.
3. Test weight averaged 60.3 lbs/bu across locations and entries and was lower than last year’s 61.6 lbs/bu average. Grain protein averaged 11.4% and was higher than last year’s 11.0% protein value.