

2012 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 (Lbs/A)					Test Wt (Lbs/Bu)					Protein (%)				
Louise	44	34	20	35	33	59.2	59.0	59.7	62.2	60.1	11.7	13.7	13.4	13.8	13.2
Louise-G2	40	32	22	37	33	58.9	59.1	59.6	62.0	59.9	11.3	13.8	13.6	13.6	13.1
WA 8124	38	30	20	33	30	60.0	57.7	59.2	62.6	59.9	10.8	14.3	14.1	14.1	13.3
Louise-0W	42	30	17	32	30	57.9	58.8	59.7	62.1	59.6	11.5	13.8	14.0	13.9	13.3
Diva	41	30	19	31	30	60.2	60.1	60.3	62.3	60.7	11.3	14.0	14.0	14.1	13.4
WA 8161	39	30	18	30	29	59.6	59.7	60.5	61.5	60.3	11.8	14.5	14.1	14.1	13.6
IDO599	37	27	18	34	29	60.9	59.5	61.0	62.3	60.9	10.6	13.2	13.3	13.0	12.5
IDO669	37	27	17	33	29	59.0	59.0	60.1	61.3	59.9	12.4	14.1	14.3	14.0	13.7
ARS03173LS	38	28	19	30	29	59.5	57.5	58.6	60.4	59.0	12.4	15.0	14.7	14.9	14.2
Whit	41	25	19	29	28	58.7	58.4	59.1	60.4	59.1	11.4	13.8	14.0	14.1	13.3
JD	39	28	16	30	28	61.1	59.9	60.7	62.8	61.1	11.8	14.2	14.5	14.2	13.7
WA 8162	40	28	17	28	28	60.7	59.6	60.3	62.2	60.7	11.9	13.8	13.3	14.4	13.4
IDO687	36	27	16	33	28	60.9	59.0	60.9	62.3	60.8	11.2	13.7	13.9	13.3	13.0
Nick	47	26	13	26	28	59.2	58.6	59.7	60.2	59.4	11.6	14.4	15.0	14.1	13.8
ARS03174CS	38	29	17	28	28	60.9	58.8	59.2	61.2	60.0	12.5	15.2	15.5	15.1	14.6
Wakanz	40	26	18	27	28	58.4	53.9	58.3	60.3	57.7	12.3	14.6	14.1	14.2	13.8
IDO686	34	27	17	33	28	59.3	59.3	61.2	62.0	60.4	11.3	13.7	13.8	13.6	13.1
WA 8160	37	24	19	29	27	59.6	55.8	58.2	60.9	58.6	12.5	14.8	14.9	14.6	14.2
IDO671	35	26	18	30	27	58.9	58.8	60.4	61.2	59.8	11.1	13.3	13.2	13.1	12.7
Alturas	34	27	16	31	27	59.0	58.5	59.7	61.4	59.6	10.8	13.3	13.5	13.1	12.7
Alpowa	38	23	17	29	27	60.2	57.6	59.3	62.0	59.8	11.3	13.6	13.9	13.5	13.1
WB-1035CL+	39	25	15	28	27	58.9	58.7	60.1	60.8	59.6	12.5	15.3	15.9	15.2	14.7
Zak	36	26	17	26	26	59.6	57.6	59.4	60.7	59.3	12.3	14.7	14.7	14.5	14.0
Babe	41	22	16	26	26	60.8	58.7	60.3	61.9	60.4	11.0	13.4	14.5	13.7	13.2
C.V. %	8	6	11	6	8	1.5	0.6	1.5	0.6	1.1	6.5	1.3	2.6	1.5	3.3
LSD (0.10)	3	2	2	2	1	0.9	0.4	0.9	0.4	0.4	0.8	0.2	0.4	0.2	0.2
Average	39	27	18	30	28	59.6	58.5	59.8	61.5	59.9	11.6	14.1	14.2	14.0	13.5
Highest	47	34	22	37	33	61.1	60.1	61.2	62.8	61.1	12.5	15.3	15.9	15.2	14.7
Lowest	34	22	13	26	26	57.9	53.9	58.2	60.2	57.7	10.6	13.2	13.2	13.0	12.5

2012 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 28 bushels/acre and is 3 bushels/acre lower than the 2011 average of 31 bushels/acre. The CV for the average data is 8, lower than the 2011 CV.
2. Yields among entries averaged across locations ranged from 26 to 33 bushels/acre. 'Louise' and Louise-G2 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 was 3 bu/acre less than Louise-G2 and Louise. Average yield values within the 10% LSD range (2 bushels/acre) of the highest yield are shown in bold and this included 2 of the 24 entries. Stripe rust was not a factor in these trials and fungicide was applied as needed.
3. Test weight averaged 59.9 lbs/bu across locations and entries and was lower than last year's 60.7 lbs/bu average. Grain protein averaged 13.5% and was higher than last year's 11.5% protein value.