

2012 WSU Variety Testing Soft White Spring Wheat Trial Summary

Precipitation Zone >20"

Variety Name <i>(Club Italicized)</i>	Fairfield	Farmington	Pullman	Average	Fairfield	Farmington	Pullman	Average	Fairfield	Farmington	Pullman	Average
	Yield (Lbs/A)				Test Wt (Lbs/Bu)				Protein (%)			
Louise-G2	75	78	80	78	61.7	59.7	59.3	60.2	9.9	11.2	9.0	10.0
Louise-0W	77	70	77	75	61.8	60.0	59.3	60.4	10.4	10.7	9.3	10.1
WA 8162	70	76	77	74	62.5	61.0	60.6	61.4	10.8	11.2	9.0	10.3
Louise	79	69	75	74	62.0	60.4	59.1	60.5	10.0	10.9	9.1	10.0
WA 8161	74	66	81	73	61.7	61.0	61.5	61.4	10.9	11.6	9.6	10.7
Diva	73	71	76	73	62.3	60.8	58.9	60.7	10.4	11.1	9.7	10.4
WA 8160	70	59	86	72	62.2	61.0	60.0	61.1	10.8	12.1	9.3	10.7
Wakanz	71	71	72	71	60.6	59.5	59.3	59.8	10.7	11.0	9.7	10.5
WA 8124	68	70	77	71	62.7	62.2	60.3	61.7	10.7	11.2	9.1	10.3
JD	70	67	76	71	63.2	61.8	60.4	61.8	11.0	11.6	9.6	10.7
ARS03174CS	70	71	71	71	62.8	61.4	59.9	61.4	11.1	11.1	9.3	10.5
Whit	73	67	72	70	62.0	60.3	59.5	60.6	10.5	11.6	9.7	10.6
IDO599	62	69	79	70	62.5	61.9	59.7	61.4	10.9	11.6	8.8	10.4
Zak	63	76	71	70	60.9	61.0	60.1	60.7	10.8	11.2	9.5	10.5
IDO671	67	69	73	70	62.0	61.4	59.4	61.0	10.1	11.0	9.3	10.1
WB-1035CL+	65	72	69	69	61.3	60.2	58.0	59.8	11.9	12.0	10.9	11.6
ARS03173LS	66	63	76	68	60.6	60.0	59.3	60.0	10.5	11.1	9.4	10.3
Alturas	70	62	68	67	61.8	60.6	58.9	60.5	10.5	11.1	9.7	10.4
Alpowa	66	63	70	66	62.4	61.9	59.7	61.3	10.3	11.2	9.5	10.3
IDO687	65	63	70	66	63.1	62.4	62.2	62.5	10.9	11.8	9.7	10.8
Nick	70	59	68	65	61.3	60.9	60.2	60.8	10.6	12.1	10.0	10.9
Babe	71	57	68	65	62.6	61.5	59.8	61.3	10.0	11.3	9.2	10.2
IDO686	65	54	71	63	63.0	62.1	60.5	61.9	11.1	11.8	10.0	11.0
WA 8131	61	62	64	62	61.9	60.9	59.0	60.6	11.5	12.1	10.2	11.3
C.V. %	4	9	8	7	0.4	0.9	0.9	0.8	2.0	3.8	4.0	3.4
LSD (0.10)	3	7	6	3	0.2	0.6	0.6	0.3	0.2	0.5	0.4	0.2
Average	69	67	74	70	62.0	61.0	59.8	60.9	10.7	11.4	9.5	10.5
Highest	79	78	86	78	63.2	62.4	62.2	62.5	11.9	12.1	10.9	11.6
Lowest	61	54	64	62	60.6	59.5	58.0	59.8	9.9	10.7	8.8	10.0

2012 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 70 bushels/acre and is 11 bushels/acre higher than the 2011 average of 59 bushels/acre. The CV for the average data is 7 and is lower than the 2011 CV.
2. Yields among entries averaged across locations ranged from 62 to 78 bushels/acre. 'Louise'-G2 was 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. Average yield values within the 10% LSD range (3 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 60.9 lbs/bu across locations and entries and was lower than last year's 61.3 lbs/bu average. Grain protein averaged 10.5% and was higher than last year's 9.2% protein value.