

## 2012 WSU Variety Testing SW Spring Wheat Trial, Walla Walla

Variety Name <i>*Club Italicized</i>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2012				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
Babe	76	78	77	<b>85</b>	60.5	10.9	39	171
WA 8124		87		<b>83</b>	60.5	11.0	39	176
WA 8161				81	60.5	11.2	41	176
Alpowa	70	71	72	81	61.0	10.9	40	175
Nick	73	75	77	80	59.6	11.6	35	170
IDO599		90		80	60.8	10.8	37	171
WA 8162				78	60.1	11.3	38	177
Whit	72	74	74	78	58.8	11.5	36	170
Diva	76	79	74	77	59.4	10.9	41	175
Louise-G2			75	76	59.3	11.1	41	174
Alturas	77	83	72	76	59.3	11.2	37	175
JD	71	74	68	75	60.4	11.8	42	175
Louise-0W				75	59.0	11.1	41	173
Louise	74	76	76	74	59.0	11.1	41	175
WA 8160				74	59.9	11.3	38	174
IDO671		78	70	74	59.9	11.0	37	173
Zak	68	65	72	74	59.1	11.0	38	174
IDO687			70	74	<b>61.7</b>	11.5	37	172
WB-1035CL+			71	74	59.5	12.6	35	169
ARS03173LS				73	58.1	11.1	40	176
IDO686			69	72	60.8	11.0	40	175
ARS03174CS				69	59.5	11.5	39	175
Wakanz	68	65	64	65	56.5	11.6	36	177
WA 8131			70	61	58.7	11.9	36	174
C.V. %	8	8	5	4	0.9	3.3	3	0
LSD (.10)	3	4	3	3	0.6	0.4	1	1
Average	73	76	72	75	59.7	11.3	39	174
Highest	77	90	77	85	61.7	12.6	42	177
Lowest	68	65	64	61	56.5	10.8	35	169

### Walla Walla Soft White Spring Wheat - Preliminary Data

1. Grain yield in the 2012 Walla Walla soft white spring wheat trial averaged 75 bushels/acre, 2 bushels/acre higher than the 5-year average. The Walla Walla nursery was located about eight miles northeast of Walla Walla, WA (G. Smith, cooperator).

2. This nursery was seeded on 22 April, 2012 following winter wheat. Seed was placed at an 80#/acre seeding rate using a plot drill equipped with double-disc openers set on 6-inch spacing. Base fertilizer was 120#N/acre pre-planting applied and a soil test showed 106#N/acre available. Spring seeding conditions were good.

3. Yields ranged from 61 bu/acre to 85 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and 2 of the 24 entries are in this group. 'Babe' was the highest yielding entry in this trial. 'Alturas' was the highest yielding over 5 years of results at this site. Fungicide was applied 10 June for stripe rust control.

4. Test weights averaged 59.7 lbs/bu and ranged from 56.5 to 61.7 lbs/bu. Grain protein averaged 11.3% with a range of 10.8 to 12.6%. The average plant height was 39 inches with no lodging.