

2013 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)	2013				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
Babe	92	92	103	122	62.1	10.5	35	156
UI-Stone (IDO599)			100	119	62.3	11.0	34	154
Louise-G2		89	98	119	61.6	11.3	39	159
WA 8162			97	116	62.5	11.6	34	158
Louise	88	90	95	116	61.8	11.1	38	160
WA 8189				116	62.1	11.1	35	161
Alpowa	85	86	98	115	62.1	11.3	35	160
WA 8195				114	63.1	11.5	36	154
Louise-0W			95	114	61.7	11.4	39	160
Diva	89	87	95	114	61.6	11.8	38	159
Alturas	92	86	94	113	61.3	11.1	34	157
IDO854				113	61.9	11.8	35	155
IDO851				112	61.3	10.7	33	156
IDO852				111	62.4	11.1	33	154
Whit	86	87	94	111	61.6	11.4	34	155
Zak	80	85	92	111	60.8	11.6	36	161
JD	85	82	93	110	63.0	12.0	39	160
WA 8193				110	61.9	11.5	32	160
Nick	86	88	95	109	61.5	11.4	34	154
ARS03174CS-14				109	61.2	12.4	36	161
WA 8194				108	61.2	11.8	37	161
Wakanz	80	78	85	106	60.3	11.7	33	162
WB-1035CL+		82	90	106	62.4	12.8	35	152
WA 8196				104	61.0	11.5	32	156
C.V. %	6	4	4	4	0.5	2.2	3	1
LSD (.10)	3	2	3	4	0.4	0.3	1	1
Average	86	86	95	112	61.8	11.5	35	158
Highest	92	92	103	122	63.1	12.8	39	162
Lowest	80	78	85	104	60.3	10.5	32	152

Walla Walla Soft White Spring Wheat - Preliminary Data

1. Grain yield in the 2013 Walla Walla soft white spring wheat trial averaged 112 bushels/acre, 26 bushels/acre higher than the 5-year average. The Walla Walla nursery was located about ten miles northeast of Walla Walla, WA (G. Smith, cooperator).
2. This nursery was seeded on 26 March, 2013 following winter wheat. Seed was placed at an 80#/acre seeding rate using a double-disc plot drill set on 6-inch spacing. Base fertilizer was 145#N/acre applied at planting. Spring seeding conditions and establishment were good.
3. This was a beautiful trial. It was uniform, had proper fertility, with few weeds and diseases, and had good available water. These conditions are reflected in the yields. Yields ranged narrowly from 104 bu/acre to 122 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and 3 of the 24 entries are in this group. `Babe' was the highest yielding entry in the trial and along with `Alturas' were the highest yielding over 5-years at this location. Fungicide was applied early at jointing as a preventative for stripe rust and stripe rust was not a factor
4. Test weights averaged 61.8 lbs/bu with a range from 60.3 to 63.1 lbs/bu. Grain protein averaged 11.5% with a range of 10.5 to 12.8%. The average plant height was 35 inches with no lodging.