

2012 WSU Variety Testing SW Spring Wheat Trial, Endicott

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
WA 8124		74		67	63.4	11.3	34	186
Louise	66	67	60	65	61.9	10.9	35	184
Alturas	65	63	57	65	61.5	11.1	31	186
Diva	65	66	59	62	61.9	11.1	33	184
IDO671		60	54	60	61.9	11.1	32	185
Louise-G2			61	60	61.7	10.9	34	183
Whit	62	60	57	60	61.7	12.1	33	183
IDO669		68		59	62.6	11.9	32	183
ARS03173LS				59	61.2	11.8	33	184
Louise-0W				58	61.4	11.3	36	184
IDO687			54	58	62.8	11.6	30	184
<i>ARS03174CS</i>				58	61.8	11.9	30	186
Zak	59	57	53	58	61.5	11.9	32	184
IDO686			53	57	62.9	11.8	34	186
WA 8162				57	62.3	11.2	30	186
IDO599		60		57	61.9	11.0	30	182
Alpowa	57	54	52	56	62.7	11.8	32	187
Wakanz	61	61	55	56	60.5	11.5	30	188
Nick	57	55	53	55	62.2	12.6	31	183
WA 8161				55	61.7	11.0	34	184
<i>WA 8160</i>				54	60.1	12.1	30	184
WB-1035CL+			47	52	62.2	13.4	31	182
Babe	56	56	53	51	62.5	11.1	31	184
<i>JD</i>	62	63	53	50	62.4	12.2	31	183
C.V. %	7	7	6	7	0.8	2.9	4	0
LSD (.10)	2	2	2	4	0.5	0.4	1	1
Average	61	62	55	58	62.0	11.6	32	184
Highest	66	74	61	67	63.4	13.4	36	188
Lowest	56	54	47	50	60.1	10.9	30	182

Endicott Soft White Spring Wheat - Preliminary Data

1. Grain yield in the 2012 Endicott soft white spring wheat trial averaged 58 bushels/acre, 3 bushels/acre lower than the 5-year average. The Endicott nursery was located about five miles east of Endicott, WA (M. Richter, cooperator).
2. This nursery was seeded on 7 May, 2012 following spring wheat. Seed was placed at an 80#/acre seeding rate using no-till plot drill equipped with Cross-Slot openers set on 10-inch spacing. Base fertilizer was 20#N/acre pre-planting applied and a soil test showed 146#N/acre available. Spring seeding conditions were good.
3. Yields ranged from 50 bu/acre to 67 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. 'Louise' (with standard seed treatment rate of 0.75oz/100lbs. seed) was the highest yielding entry in this trial. Louise was the highest yielding over 5 years of results at this site. Quilt fungicide was applied 13 June for stripe rust control.
4. Test weights averaged 62.0 lbs/bu and ranged from 60.1 to 63.4 lbs/bu. Grain protein averaged 11.6% with a range of 10.9 to 13.4%. The average plant height was 32 inches with no lodging.