

2012 WSU Variety Testing SW Spring Wheat Trial, Connell

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
Louise	32	38	31	34	59.0	13.7	29
Louise-G2			31	32	59.1	13.8	28
WA 8124		41		30	57.7	14.3	28
Louise-0W				30	58.8	13.8	29
WA 8161				30	59.7	14.5	29
Diva	34	37	29	30	60.1	14.0	29
<i>ARS03174CS</i>				29	58.8	15.2	26
<i>JD</i>	31	35	27	28	59.9	14.2	26
ARS03173LS				28	57.5	15.0	29
WA 8162				28	59.6	13.8	25
Alturas	29	33	25	27	58.5	13.3	27
IDO599		36		27	59.5	13.2	27
IDO686			25	27	59.3	13.7	28
IDO669		37		27	59.0	14.1	28
IDO687			27	27	59.0	13.7	27
Wakanz	30	35	28	26	53.9	14.6	26
Zak	29	31	26	26	57.6	14.7	27
IDO671		33	25	26	58.8	13.3	26
Nick	28	31	26	26	58.6	14.4	25
WB-1035CL+			25	25	58.7	15.3	24
Whit	28	31	25	25	58.4	13.8	25
<i>WA 8160</i>				24	55.8	14.8	22
Alpowa	26	29	23	23	57.6	13.6	26
Babe	27	31	24	22	58.7	13.4	26
C.V. %	8	7	8	6	0.6	1.3	3
LSD (.10)	1	1	2	2	0.4	0.2	1
Average	29	34	27	27	58.5	14.1	27
Highest	34	41	31	34	60.1	15.3	29
Lowest	26	29	23	22	53.9	13.2	22

Connell Soft White Spring Wheat - Preliminary Data

1. Grain yield in the 2012 Connell soft white spring wheat trial averaged 27 bushels/acre, 2 bushel/acre lower than the 5-year average. The Connell nursery was located about six miles east of Connell, WA (D. Bauermeister, cooperator).
2. This nursery was seeded on 2 April, 2012 following fallow. Seed was placed at a 60#/acre seeding rate using a double-disk plot drill set on 6-inch spacing. Base fertilizer was 70#N/acre fall applied. Spring seeding conditions were good.
3. Yields ranged from 22 bu/acre to 34 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. `Louise' (with standard seed treatment rate of 0.75oz./100lbs. seed) was the highest yielding entry in this trial followed by Louise-G2 with 2oz./100lbs. seed of Gaucho® insecticide seed treatment. Louise-0W (without insecticide) was 4 bu/acre lower yielding than Louise. `Diva' and Louise were the highest yielding over 5 years of results at this site. Fungicide was applied 5 May at herbicide timing for stripe rust prevention.
4. Test weights averaged 58.5 lbs./bu and ranged from 53.9 to 60.1 lbs./bu. Grain protein averaged 14.1% with a range of 13.2 to 15.3%. The average plant height was 27 inches with no lodging.