

2014 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)	2014			
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT
WA 8214				26	62.4	13.2	23
<i>Diva</i>	32	27	26	26	62.7	12.5	23
WA 8213				26	61.9	11.7	25
<i>Louise</i>	33	29	26	25	61.8	12.3	25
Louise-G2		27	25	25	61.4	12.4	26
Louise-0W		27	26	25	61.8	12.3	26
<i>WA 8193</i>			24	24	62.6	12.4	20
Nick	28	25	24	24	62.1	14.0	22
WB6341				24	62.8	12.8	20
WA 8195			23	24	62.9	12.7	24
WA 8224				23	61.8	12.1	23
<i>JD</i>	31	26	25	23	63.7	12.8	23
Alpowa	27	23	23	23	62.2	12.8	22
WA 8215				23	62.9	12.8	23
IDO851			23	23	62.1	12.1	22
Zak	29	25	24	23	62.2	13.6	23
WA 8189			24	22	62.9	12.8	22
Alturas	28	24	22	22	60.3	12.6	20
Whit	26	21	19	21	61.7	13.1	22
WB-1035CL+		23	22	21	61.8	14.5	21
UI-Stone (IDO599)	29	23	22	21	62.9	13.2	22
Babe	27	22	22	21	63.2	13.4	22
IDO852			21	20	63.6	13.3	22
WA 8162 (Seahawk)		23	20	20	62.6	12.8	20
C.V. %	7	7	7	7	0.8	2.1	6
LSD (.10)	1	1	1	2	0.5	0.3	1
Average	29	25	23	23	62.4	12.8	23
Highest	33	29	26	26	63.7	14.5	26
Lowest	26	21	19	20	60.3	11.7	20

Connell Soft White Spring Wheat – Preliminary Data

1. Grain yield in the 2014 Connell soft white spring wheat trial averaged 23 bushels/acre, six bushels/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 18 March, 2014 following fallow. Seed was placed at a 60#/acre seeding rate using a plot drill set on 7-inch spacing. Base fertilizer was 80#N/acre. Spring seeding conditions and establishment were good.
3. Yields ranged from 20 bu/acre to 26 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and 10 of the 24 entries are in this group. 'Diva' was the highest yielding entry in the trial. Diva, and 'Louise' were the highest yielding entries over 5 years of results at this site. No fungicide was applied and no stripe rust was found.
4. Test weights were very good and averaged 62.4 lbs/bu with a range from 60.3 to 63.7 lbs/bu. Grain protein averaged 12.8% with a range of 11.7 to 14.5%. The average plant height was 23 inches with no lodging.