

2013 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)	2013			
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT
Louise	34	30	30	27	58.6	12.8	26
<i>JD</i>	32	27	27	27	58.4	12.9	25
Louise-0W			28	26	59.0	13.2	26
Zak	30	26	26	25	58.2	14.5	23
Diva	33	28	28	25	59.4	13.3	23
WA 8189				25	58.9	13.0	22
Louise-G2		29	29	25	59.3	13.0	25
Nick	29	26	25	25	60.5	14.3	21
<i>WA 8193</i>				24	59.7	13.7	18
IDO851				24	60.4	12.3	22
Alpowa	27	23	23	24	60.1	13.1	23
Babe	28	24	23	24	60.8	13.5	23
<i>ARS03174CS-14</i>				24	58.5	14.2	20
IDO854				23	60.3	13.4	24
UI-Stone (IDO599)			25	23	61.3	13.1	23
Alturas	30	25	25	23	59.6	12.9	22
WB-1035CL+		24	24	23	60.0	14.6	21
WA 8195				22	61.2	13.7	26
IDO852				22	61.6	13.1	24
WA 8162			24	21	60.3	12.8	20
WA 8194				21	57.8	13.3	22
Wakanz	31	26	23	20	56.8	13.4	20
WA 8196				18	59.9	13.5	21
Whit	27	23	21	18	60.1	13.8	21
C.V. %	7	8	6	7	0.9	2.7	5
LSD (.10)	1	1	1	2	0.6	0.4	1
Average	30	26	25	23	59.6	13.4	23
Highest	34	30	30	27	61.6	14.6	26
Lowest	27	23	21	18	56.8	12.3	18

Connell Soft White Spring Wheat - Preliminary Data

1. Grain yield in the 2013 Connell soft white spring wheat trial averaged 23 bushels/acre, 7 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 13 March, 2013 following fallow. Seed was placed at a 60#/acre seeding rate using a double-disc plot drill set on 6-inch spacing. Base fertilizer was 63#N/acre applied at planting. Spring seeding conditions and establishment were good.
3. Yields ranged from 18 bu/acre to 27 bu/acre. Yield values within the LSD range of the highest yield are shown in bold and 8 of the 24 entries are in this group. 'Louise' was the highest yielding entry in the trial. Louise did not yield differently than the non-insecticide treated Louise-0W. Louise was also the highest yielding entries over 5 years of results at this site. Fungicide was applied early at jointing as a preventative for stripe rust.
4. Test weights averaged 59.6 lbs/bu with a range from 56.8 to 61.6 lbs/bu. Grain protein was high probably due to the low yields and averaged 13.4% with a range of 12.3 to 14.6%. The average plant height was 23 inches with no lodging.