

2011 WSU Variety Testing SW Spring Wheat Trial, Connell

Variety Name *Club Italized	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2011				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
Wakanz	31	35	40	30	60.4	12.9	25	163
WA 8131				30	61.6	12.8	24	159
Louise	31	37	39	29	61.7	12.7	28	159
Diva		37	40	29	62.3	12.8	27	159
Louise-G2				29	62.0	12.6	26	160
Zak	29	32	34	27	61.2	13.4	25	161
Babe	27	32	35	27	62.1	12.6	25	158
IDO687				27	62.2	12.8	26	162
Nick	29	32	34	26	61.8	13.4	24	160
WA 8124			39	26	61.7	13.1	25	162
IDO644				26	61.0	12.7	23	158
Whit	27	31	34	25	61.3	12.8	25	159
JD	30	36	39	25	62.7	12.9	24	160
WA 8127				25	61.5	13.2	26	160
WB-1035CL2				25	61.6	14.6	23	158
Alturas	29	33	35	24	60.9	12.4	24	159
Alpowa	27	30	32	23	61.4	12.8	25	164
Eden	28	32	34	23	62.7	12.2	21	159
IDO671			36	23	61.2	12.4	24	159
WA 8149				23	60.8	12.7	26	162
IDO686				23	62.1	12.4	27	164
WA 8128				22	61.4	13.9	28	159
UI-Cataldo	25	28	28	21	60.6	13.1	24	158
WA 8150				19	61.9	12.4	24	163
C.V.	13	10	10	10	0.5	1.9	7	1
LSD	1	2	2	4	0.3	0.3	2	2
Average	28	33	36	25	61.6	12.9	25	160
Highest	31	37	40	30	62.7	14.6	28	164
Lowest	25	28	28	19	60.4	12.2	21	158

Connell Soft White Spring Wheat – Preliminary Data

1. Grain yield in the Connell soft white spring wheat trial averaged 25 bushels/acre, 3 bushel/acre less than the 5-year average. The Connell nursery was located about six miles east of Connell, WA (D. Bauermeister farm).
2. This nursery was seeded on 18 March, 2011 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 58#N fall applied. Spring seeding and establishment were good, but plants did not grow or tiller well.
3. Yields ranged from 19 bu/ac to 30 bu/ac. Yield values within the LSD range of the highest yield are shown in bold and 11 of the 24 entries are in this group. Wakanz was the highest yielding variety in 2011 and was also highest yielding over 5 years of results at this site along with Louise. Stripe rust was not a factor in this trial and a fungicide was applied 1June. The Lattice design was 116% efficient compared to an RCBD for yield.
4. Test weights were good and averaged 61.6 lb/bu and ranged from 60.4 to 62.7 lb/bu. Grain protein was high and averaged 12.9% with a range of 12.2 to 14.6%. The average plant height was 25 inches with no lodging.