

2012 WSU Variety Testing SW Spring Wheat Trial, Lind

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
Louise-G2			40	37	62.0	13.6	29	157
Louise	34	41	38	35	62.2	13.8	29	157
IDO599		41		34	62.3	13.0	26	154
IDO669		40		33	61.3	14.0	28	157
IDO687			36	33	62.3	13.3	26	155
WA 8124		42		33	62.6	14.1	26	158
IDO686			37	33	62.0	13.6	28	155
Louise-0W				32	62.1	13.9	28	157
Diva	34	41	37	31	62.3	14.1	27	156
Alturas	32	38	34	31	61.4	13.1	23	155
<i>JD</i>	33	41	37	30	62.8	14.2	24	157
ARS03173LS				30	60.4	14.9	28	158
WA 8161				30	61.5	14.1	28	157
IDO671		38	34	30	61.2	13.1	24	154
<i>WA 8160</i>				29	60.9	14.6	22	158
Alpowa	32	38	33	29	62.0	13.5	26	156
Whit	31	37	33	29	60.4	14.1	25	155
WB-1035CL+			31	28	60.8	15.2	25	154
<i>ARS03174CS</i>				28	61.2	15.1	24	159
WA 8162				28	62.2	14.4	22	156
Wakanz	32	39	35	27	60.3	14.2	24	157
Zak	29	34	29	26	60.7	14.5	26	159
Nick	31	35	31	26	60.2	14.1	25	154
Babe	31	37	33	26	61.9	13.7	25	156
C.V. %	5	5	5	6	0.6	1.5	5	0
LSD (.10)	1	1	1	2	0.4	0.2	1	1
Average	32	39	35	30	61.5	14.0	26	156
Highest	34	42	40	37	62.8	15.2	29	159
Lowest	29	34	29	26	60.2	13.0	22	154

Lind Soft White Spring Wheat - Preliminary Data

1. Grain yield in the 2012 Lind soft white spring wheat trial averaged 30 bushels/acre, 2 bushel/acre lower than the 5-year average. The Lind nursery was located on the WSU Lind Dryland Experiment Station three miles NE of the town of Lind. This nursery was conducted in cooperation with the WSU spring wheat breeding program.
2. This nursery was seeded on 9 March, 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 50#N/acre fall applied. Spring seeding conditions were good.
3. Yields ranged from 26 bu/acre to 37 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'-G2 was the highest yielding and is Louise with 2oz./100lbs. seed of Gaucho® insecticide seed treatment. Louise at the standard seed treatment rate (0.75oz./100lbs. seed), was 2 bu/acre less, and Louise-0W without insecticide was 5 bu/acre less than Louise-G2. Louise and `Diva' were the highest yielding over 5 years of results at this site. No fungicides were applied nor stripe rust impact observed in this trial.
4. Test weights were good and averaged 61.5 lbs./bu and ranged from 60.2 to 62.8 lbs./bu. Grain protein averaged 14.0% with a range of 13.0 to 15.2%. The average plant height was 26 inches with no lodging.