

2010 WSU EXTENSION SOFT WHITE SPRING WHEAT NURSERY AT LIND, WA.

Variety Name <small>*Club Italized</small>	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2010				
				YIELD (BU/A)	TEST WT (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE
WA008124				50	57.9	12.2	29	162
DIVA		32	39	49	60.3	11.7	31	160
WA008089		32	39	49	60.2	11.4	31	161
WAKANZ	31	29	36	48	57.0	12.4	28	163
<i>JD</i>		30	37	48	60.3	12.3	29	161
<i>JD +25%</i>			38	48	60.6	12.0	28	161
IDO599				48	59.4	11.7	26	157
ALPOWA	32	30	36	47	58.7	11.4	28	160
LOUISE	33	31	38	47	59.3	11.8	30	160
ALTURAS	32	30	37	47	59.0	11.8	26	159
WA008110				47	57.6	12.8	29	163
IDO669				47	58.5	11.9	31	161
IDO671				47	59.5	11.5	28	158
WA008113				46	59.0	11.7	29	162
BABE		29	36	45	59.8	11.5	28	160
WA008106			37	45	59.9	11.8	30	159
WHIT	30	30	36	44	59.2	11.9	26	158
NICK	31	30	35	43	58.9	12.4	27	158
WA008105				43	59.3	11.8	28	160
ZAK	30	29	34	42	57.3	12.6	31	162
<i>EDEN</i>	30	28	34	42	60.5	11.4	25	160
<i>EDEN +25%</i>			34	42	60.7	11.5	26	160
WA008107				41	59.9	13.0	29	159
CATALDO	27	25	29	34	57.7	12.5	27	157
C.V. %	6	5	5	4	0.6	1.8	4	0
LSD '@ .10'	1	1	2	3	0.5	0.3	1	1
Average	31	30	36	45	59.2	12.0	28	160
Highest	33	32	39	50	60.7	13.0	31	163
Lowest	27	25	29	34	57.0	11.4	25	157

Lind Soft White Spring Wheat – Preliminary Data

1. Grain yield in the Lind soft white spring wheat trial averaged 45 bushels/acre, 13 bushel/acre higher than the 5-year average. The Lind nursery was located on the WSU Lind Dryland Experiment Station 3 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, 2010 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 fall applied. Spring seeding conditions were adequate, but dry conditions prevailed until unusually prolific rainfall started in May.

3. Yields ranged from 34 bu/ac to 50 bu/ac. Yield values within the LSD range of the highest yield are shown in bold and 7 of the 24 entries are in this group. Diva was the highest yielding named variety. Stripe rust was found in the trial, but at relatively low levels. The lattice RCBD experimental design improved variation allocation during statistical analysis and the CV by 29% for yield.

4. Test weights averaged of 59.2 lb/bu and ranged from 57.0 to 60.7 lb/bu. Grain protein averaged 12.0% with a range of 11.4 to 13.0%. The average plant height was 28 inches.