

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

Variety Name *Club Italized	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				100	62.0	11.7	37	176
ALTURAS	55	51	66	89	61.8	11.8	35	174
WA008110				89	61.6	12.3	35	176
IDO671				86	62.0	11.8	34	174
IDO599				81	61.5	11.0	35	174
WA008089		52	66	79	62.0	11.9	36	175
WAKANZ	56	51	61	77	60.0	12.4	31	176
DIVA		53	66	76	61.2	11.8	35	175
IDO669				75	61.8	12.3	37	175
ALPOWA	50	46	56	72	61.2	11.1	33	175
<i>JD</i>		47	58	72	62.4	13.0	35	175
LOUISE	57	49	62	71	60.4	11.9	36	174
WA008106			60	71	61.7	12.2	38	174
WA008113				71	61.3	12.5	34	175
<i>EDEN +25%</i>			55	67	61.5	11.3	32	175
<i>JD +25%</i>			58	67	61.7	12.8	34	176
ZAK	53	49	59	66	60.3	11.7	34	176
<i>EDEN</i>	49	43	51	60	60.9	11.1	30	175
NICK	54	46	56	59	60.2	11.9	33	173
CATALDO	48	41	53	59	59.4	11.8	33	171
BABE		44	53	59	60.4	11.9	34	175
WA008105				58	60.2	10.6	31	176
WHIT	47	41	47	56	60.2	12.1	31	173
WA008107				53	60.6	12.8	34	173
C.V. %	11	14	14	15	1.2	3.6	5	1
LSD '@ .10'	4	6	8	15	1.0	0.6	3	1
Average	52	47	58	71	61.1	11.9	34	175
Highest	57	53	66	100	62.4	13.0	38	176
Lowest	47	41	47	53	59.4	10.6	30	171

Lamont Soft White Spring Wheat – Preliminary Data

1. Grain yield in the Lamont soft white spring wheat trial averaged 71 bushels/acre that was 19 bushels/acre higher than the 5-year average for this site. The Lamont nursery was located 4 miles southeast of Lamont, WA (Gil White, cooperator).
2. This nursery was seeded on 1 April, 2010 following spring wheat. Seed was placed at a 70#/acre seeding rate using a double-disc drill set on 6-inch spacing. Base applied fertilizer was 70#N/acre and an early spring soil test showed an additional 281#N/acre in the top 4 foot profile. Spring seeding and growing conditions were good.
3. Yields ranged from 53 bu/ac to 100 bu/ac. Yield values within the LSD range of the highest yield are shown in bold and 4 of the 24 entries are in this group. Alturas was the highest yielding named variety in the trail. The lattice RCBD experimental design improved variation allocation during statistical analysis and the CV by 68% for yield. Although the CV is 14.8% in this trial, there is a highly significant F-test and good separation of variety performance.
4. Test weights were good averaging 61.1 lb/bu and ranged from 59.4 to 62.4 lb/bu. Grain protein averaged 11.9% with a range of 10.6 to 13.0%. The average plant height was 34 inches.