

## 2010 WSU EXTENSION SOFT WHITE SPRING WHEAT NURSERY AT ENDICOTT, 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
<i>JD</i>	--	68	71	<b>83</b>	<b>64.6</b>	12.3	35	172
LOUISE	--	70	72	<b>81</b>	62.9	10.7	37	173
<i>JD +25%</i>	--		72	<b>81</b>	<b>64.6</b>	12.0	35	172
WA008124	--			<b>81</b>	63.0	11.0	35	175
DIVA	--	69	70	<b>79</b>	63.2	10.9	36	172
IDO669	--			<b>78</b>	63.0	11.4	36	172
ALTURAS	--	71	74	75	62.1	10.6	32	170
<i>EDEN +25%</i>	--		66	74	63.4	10.8	34	171
WA008089	--	65	70	72	63.3	10.8	35	173
WA008110	--			72	62.7	11.7	34	174
IDO671	--			72	62.9	11.1	32	170
WAKANZ	--	65	70	71	62.0	11.6	33	174
<i>EDEN</i>	--	59	62	68	63.6	11.0	30	171
WA008106	--		67	68	63.4	11.6	37	171
WHIT	--	65	66	66	63.1	11.4	33	169
WA008113	--			65	63.0	11.5	34	173
ZAK	--	63	64	64	61.9	11.2	35	173
BABE	--	59	61	63	63.1	11.2	32	171
WA008105	--			63	62.2	10.4	31	171
IDO599	--			63	62.9	10.8	32	171
ALPOWA	--	60	59	59	62.9	11.2	33	173
WA008107	--			59	62.4	12.0	34	171
NICK	--	60	60	58	62.3	10.9	31	169
CATALDO	--	59	60	54	61.3	11.2	31	168
C.V. %	--	7	7	7	0.6	2.9	7	0
LSD '@ .10'	--	4	5	7	0.5	0.4	3	1
Average	--	64	67	70	62.9	11.2	34	172
Highest	--	71	74	<b>83</b>	<b>64.6</b>	12.3	37	175
Lowest	--	59	59	54	61.3	10.4	30	168

### Endicott Soft White Spring Wheat – Preliminary Data

1. Grain yield in the Endicott soft white spring wheat trial averaged 70 bushels/acre. The Endicott nursery was located 5 miles east of Endicott, WA (Mark Richter, cooperator).
2. This nursery was seeded on 25 March, 2010 following winter wheat. Seed was placed at an 80#/acre seeding rate using a Cross-Slot no-till drill set on 10-inch spacing. No fertilizer was applied because a spring soil test showed 226#N/acre in a 4-foot sample. Spring seeding conditions were good and stripe rust was not a big factor in this trial. The spring wheat breeding program cooperated with the variety testing program conducting this study.
3. Yields ranged from 54 bu/ac to 83 bu/ac. Yield values within the LSD range of the highest yield are shown in bold and 6 of the 24 entries are in this group. The club variety JD was the highest yielder in the trail. The lattice RCBD experimental design improved variation allocation during statistical analysis and the CV by 131% for yield.
4. Test weights were very good averaging 62.9 lb/bu and ranged from 61.3 to 64.6 lb/bu. Grain protein averaged 11.2% with a range of 10.4 to 12.3%. The average plant height was 34 inches.