

## 2010 WSU EXTENSION SOFT WHITE SPRING WHEAT NURSERY AT ALMIRA, 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
ALPOWA	56	55	54	52	53.4	14.9	38	178
<i>JD</i>		56	53	49	54.0	16.0	39	175
<i>EDEN +25%</i>			59	49	54.5	15.0	35	172
LOUISE	57	56	56	47	50.4	14.4	38	175
DIVA		54	52	46	50.4	15.0	38	173
WHIT	56	56	55	45	48.3	16.1	35	173
WA008107				43	51.5	16.3	36	172
IDO669				43	52.1	16.1	38	175
IDO671				43	51.7	14.4	36	176
<i>JD +25%</i>			51	42	52.9	16.3	38	175
IDO599				42	49.7	17.0	35	173
NICK	58	54	51	38	47.0	16.2	36	172
WA008089		55	52	38	51.6	15.7	38	176
WA008106			50	38	51.3	15.0	40	173
ZAK	49	49	47	37	49.9	17.5	37	176
BABE		54	50	37	48.9	15.4	36	175
WA008113				37	49.1	14.8	38	176
WA008105				36	50.6	16.5	34	175
ALTURAS	51	48	45	35	49.5	15.6	34	175
CATALDO	48	46	43	33	48.3	16.0	35	171
WAKANZ	51	49	45	32	46.3	16.6	34	178
<i>EDEN</i>	53	51	49	32	49.7	16.2	36	173
WA008124				32	50.0	17.7	38	178
WA008110				31	48.4	18.0	35	177
C.V. %	11	12	15	23	5.2	4.5	4	0
LSD	3	5	7	NS	3.6	1.7	2	1
Average	53	53	51	40	50.4	16.0	37	175
Highest	58	56	59	52	54.5	18.0	40	178
Lowest	48	46	43	31	46.3	14.4	34	171

### Almira Soft White Spring Wheat – Preliminary Data

Caution – there is high variability in this trial due to available water running out and some influence from stripe rust. This data should be viewed as limited value information and used accordingly.

1. Grain yield in the Almira soft white spring wheat trial averaged 40 bushels/acre, 13 bushel/acre lower than the 5-year average. The Almira nursery was located 7 miles north of Almira, WA (Dan McKay, cooperator).
2. This nursery was seeded on 7 April, 2010 following spring wheat. Seed was placed at a 60#/acre seeding rate using a double disk plot drill set on 6-inch spacing. Base applied fertilizer was 35#N/acre and an early spring soil test showed an additional 119#N/acre in the top 4 foot profile. Spring seeding conditions were good and early spring conditions were favorable for plant growth. Before grain filling, precipitation stopped and the large plants that grew when there were favorable conditions ran out of water and produced poor yields, very low test weights, and high protein. Stripe rust infestation was moderate and had effects on susceptible cultivars at this location.
3. Yields ranged from 31 bu/ac to 52 bu/ac. With a high CV value and low probability of differences, the yield differences in this trial are limited in value.
4. Test weights were very low and averaged 50.4 lb/bu and ranged from 46.3 to 54.5 lb/bu. Grain protein was very high and averaged 16.0%. The average plant height was 37 inches.