

2010 WSU EXTENSION SOFT WHITE SPRING WHEAT NURSERY AT REARDAN, 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
BABE		68	84	105	61.8	10.1	41
IDO671				102	61.3	9.8	40
ALPOWA	61	65	77	101	60.6	10.4	41
ALTURAS	62	67	83	101	61.1	9.8	39
WHIT	60	66	80	99	60.7	10.0	38
IDO669				99	61.3	10.2	43
IDO599				98	60.7	10.3	39
WAKANZ	62	63	73	97	60.1	10.3	39
DIVA		62	76	96	61.3	10.0	42
<i>JD</i>		62	77	95	62.7	10.5	42
<i>EDEN +25%</i>			74	95	62.3	10.0	39
<i>JD +25%</i>			77	95	62.8	10.5	43
LOUISE	62	64	76	94	60.5	10.1	42
WA008105				94	61.0	10.0	38
WA008106			79	93	61.7	10.2	45
WA008124				93	59.9	10.1	41
WA008113				92	61.9	10.0	42
<i>EDEN</i>	57	55	68	91	62.5	10.0	40
WA008110				91	60.2	10.8	39
CATALDO	56	57	73	90	61.2	10.4	39
NICK	58	59	70	89	60.6	10.5	40
WA008089		62	72	88	62.4	10.0	42
WA008107				88	61.4	10.5	40
ZAK	56	63	73	83	59.2	10.8	41
C.V. %	7	7	7	6	1.0	3.1	2
LSD '@ .10'	3	4	5	7	0.9	0.4	1
Average	59	63	76	95	61.2	10.2	41
Highest	62	68	84	105	62.8	10.8	45
Lowest	56	55	68	83	59.2	9.8	38

Reardan Soft White Spring Wheat – Preliminary Data

1. Grain yield in the Reardan soft white spring wheat trial averaged 95 bushels/acre, 36 bushels/acre higher than the 5-year average for this site. The Reardan nursery was located about seven miles west of Reardan, WA (Hal Johnson, cooperator).
2. This nursery was seeded on 26 March, 2010 following winter wheat. Seed was placed at an 80#/acre seeding rate using a double-disc drill set on 6-inch spacing. Base applied fertilizer was 40#N/acre and an early spring soil test showed an additional 79#N/acre in the top 4 foot profile. Spring seeding and growing conditions were good and stripe rust was minimal.
3. Yields ranged from 83 bu/ac to 105 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. Babe was the highest yielding variety. The lattice RCBD experimental design improved variation allocation during statistical analysis by 9% for yield.
4. Test weights were very good averaging 61.2 lb/bu and ranged from 59.2 to 62.8 lb/bu. Grain protein averaged 10.2% with a range of 9.8 to 10.8%. The average plant height was 41 inches.