

2010 WSU EXTENSION HARD SPRING WHEAT NURSERY AT REARDAN, WA.

Variety Name *HDVWH 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
<i>BR7030</i>				97	61.9	11.8	39
BULLSEYE		59	70	91	62.0	12.3	35
LASSIK			66	91	60.2	12.7	33
<i>WA008100</i>			75	91	60.3	11.6	44
UI WINCHESTER		57	70	90	61.5	12.5	39
<i>WA008123</i>				90	60.5	11.9	38
SCARLET	55	58	68	89	60.1	12.6	43
WB-FUZION		60		88	60.2	13.2	40
BUCK PRONTO	53	56	67	87	60.3	14.3	37
<i>WA008122</i>				86	58.9	12.1	45
WESTBRED 926	54	53	66	85	59.3	13.2	38
KELSE	54	57	67	85	60.6	13.7	41
<i>OTIS</i>			70	84	60.4	11.5	44
<i>CLEAR WHITE</i>			69	84	61.0	12.4	32
IDO665				84	58.2	12.7	38
<i>PATWIN</i>				83	57.8	13.0	35
HANK	55	55	67	82	58.7	12.3	38
<i>MACON</i>			67	81	58.9	12.0	40
IDO667				81	60.1	12.3	39
JEFFERSON	53	55	65	80	59.9	13.1	40
OR4990114			62	79	60.0	13.0	38
<i>WA008074</i>			63	77	58.0	12.9	41
TARA 2002	51	48	61	74	58.4	12.9	42
HOLLIS	49	46	54	63	56.7	13.8	52
C.V. %	7	7	8	7	2.2	4.2	3
LSD '@ .10'	3	4	5	8	1.8	0.7	2
Average	53	55	66	84	59.8	12.7	40
Highest	55	60	75	97	62.0	14.3	52
Lowest	49	46	54	63	56.7	11.5	32

Reardan Hard Spring Wheat – Preliminary Data

1. Grain yield in the Reardan Hard spring wheat trial averaged 84 bushels/acre, 31 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. An additional 20#N/acre was applied to the hard trial for protein at the projected yield level. Spring seeding and growing conditions were good and stripe rust was minimal.
3. Yields ranged from 63 bu/ac to 97 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. Bullseye was the highest yielding named variety. The lattice RCBD experimental design improved variation allocation during statistical analysis by only 2% for yield.
4. Test weights averaged 59.8 lb/bu and ranged from 56.7 to 62.0 lb/bu. Grain protein averaged 12.7% with a range of 11.5 to 14.3%. The average plant height was 40 inches.