2009 WSU EXTENSION HARD WINTER WHEAT NURSERY AT LIND, WA.

Variety Name *HDWH Italicized	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2009 YIELD (BU/A)	2009 TEST WT (LBS/BU)	2009 PROTEIN (%)	2009 LODGING (%)	2009 PLANT HT	2009 HEAD DATE
PEREGRINE	- -		26	**35**	**62.5**	12.1	0	28	146
FINLEY	- -	35	28	**34**	**62.1**	13.5	0	27	147
FARNUM	- -	35	28	**33**	59.8	12.9	0	24	152
WA008070	- -		26	**33**	60.6	13.2	0	25	152
ELTAN	- -	35	29	**32**	59.1	11.6	0	23	152
BAUERMEISTER	- -	34	27	**32**	60.0	12.6	0	23	152
MDM	- -	35	27	**32**	61.0	12.1	0	24	151
WA008097	- -			**32**	59.6	12.4	0	23	151
WA008098	- -			**32**	60.9	13.1	0	22	151
UI DARWIN	- -	28	23	**30**	**62.1**	13.1	0	26	148
WA008096	- -			**30**	58.1	12.7	0	23	152
WA008068	- -		25	**29**	**61.7**	14.1	0	26	148
IDO651	- -			27	59.8	13.4	0	29	147
IDO658	- -			27	**62.2**	12.7	0	25	147
BOUNDARY	- -	30	24	25	60.2	13.4	0	23	149
AGRIPRO PALADIN	- -	27	22	25	61.4	14.1	0	23	148
WHETSTONE	- -	25	21	25	61.2	14.3	0	24	145
ACS 52025	- -	24	20	25	61.0	13.5	0	23	147
ML9W05-2506	- -		21	25	61.5	14.1	0	21	147
WA008061	- -		20	24	60.5	14.5	0	25	149
WA008095	- -			24	60.5	13.5	0	24	150
IDO683	- -			24	**62.9**	14.4	0	24	147
HATTON	- -	31	23	23	**61.9**	13.4	0	22	150
ACCIPITER	- -			23	61.2	13.3	0	18	150
WA008022	- -	33	22	22	57.4	13.0	0	24	151
NORRIS	- -			22	**61.8**	13.9	0	21	144
PALOMINO	- -	25	21	21	60.6	13.8	0	22	147
NUDAKOTA	- -		17	19	60.4	14.0	0	19	144
ML9W04-2543W	- -			13	60.5	13.5	0	23	148
ESPERIA	- -			13	60.0	15.3	0	18	144
NORWEST 553	- -			*					
EDDY	- -			*					
DECLO	- -			*					
BC002-2	- -			*					
MIETI	- -			*					
MOL	- -			*					
C.V. %	- -	17	19	19	1.6	3.2	- -	10	1
LSD '@ .10'	- -	3	4	7	1.3	0.6	- -	3	1
Average	- -	29	22	26	60.8	13.4	0	23	149
Highest	- -	35	29	35	62.9	15.3	0	29	152
Lowest	- -	22	15	13	57.4	11.6	0	18	144

***Insufficient plant stands for data collection.**

1. Grain yield in the Lind hard winter wheat trial averaged 26 bu/ac, off 11% from a 3-year average yield for this location. The Lind nursery was located on the WSU Lind Dryland Research Station north of the town of Lind.
2. This nursery was seeded on 4 September, 2008 following summer fallow. Seed was placed at a 45#/acre seeding rate using a deep furrow plot drill with split packer openers set on 15-inch spacing. Base fertilizer was 50#N and 10#S. Fall seeding conditions were dry and poor resulting in spotty emergence, and excess soil coverage due to deep planting with the plot drill caused many gaps in individual plots. Patchy stand establishment was typical of production fields in the area. When appropriate, gaps were subtracted from the plot areas to maintain equivalent comparisons. Because of missing plot values, this experiment was not analyzed as an alpha lattice experimental design, but as a randomized complete block design. Six entries did not have adequate plant stands for data collection.
3. Yields ranged from 13 bu/ac to 35 bu/ac. All yield values within the LSD range of the highest yield are shown in bold. The CV for yield was nearly 20%. When CV yield values are 20% or greater, results hold limited statistical validity and should be used with cautious interpretation. Hard white variety names are designated by italicized print.
4. Test weights were good with an average of 60.8 lb/bu. Grain protein averaged 13.4% with a range of 11.6 to 15.3%, and average plant height was 23 inches.