

## 2008 WSU EXTENSION SPRING BARLEY NURSERY AT FARMINGTON, WA.

Variety Name <i>*6-Row Italized</i>	5 YEAR AVERAGE (LBS/A)	3 YEAR AVERAGE (LBS/A)	2 YEAR AVERAGE (LBS/A)	2008			
				YIELD (LBS/A)	TEST WT. (LBS/BU)	PLANT HT	HEAD DATE
04WA-113.22				4650.4	49.7	26.7	182.5
KENT		5643.4	5736.6	4608.3	48.3	26.3	184.5
04WNZ-124				4493.1	47.0	25.7	185.8
CHAMPION	6496.7	6266.1	5976.4	4375.1	50.3	30.0	182.3
04WNZ-286			5474.3	4346.9	48.6	27.7	183.5
04WA-122.20				4317.6	47.3	25.7	185.0
2004NZ163				4312.6	49.1	24.3	185.7
02WA-7028.9		5588.5	5422.4	4212.8	48.5	28.3	182.8
04WA-122.9				4114.6	49.9	29.0	182.7
2004NZ151				4046.0	48.7	27.7	184.7
HARRINGTON	5392.3	5209.6	5029.9	3991.3	47.0	31.3	183.3
03WA-129.18				3918.7	47.1	30.0	182.2
RWA 1758				3722.7	48.9	27.3	182.8
03NZ199		5377.4	4995.6	3591.8	46.8	25.0	185.3
LEGACY	5294.0	5290.2	4961.9	3544.0	46.8	29.0	179.7
BARONESSE	5035.5	4823.0	4710.8	3539.6	48.0	27.3	183.0
BOB	5094.6	5043.8	4930.2	3535.1	48.7	26.7	182.2
04WA-102.49				3488.5	48.4	22.7	184.3
AC METCALFE	5031.6	4736.8	4467.6	3394.6	48.0	29.0	185.3
01WA-13860.5			4248.5	3290.6	53.8	26.3	184.3
RADIANT	5597.0	5388.5	5051.8	3237.8	47.2	27.0	183.5
CDC COPELAND				3182.8	46.9	30.7	185.8
01NZ384		5180.9	4765.4	3126.4	43.4	30.0	184.0
MOREX	4494.0	4425.8	4357.7	3111.0	46.9	34.0	181.2
01NZ706	5178.9	4655.4	4683.5	3061.0	45.9	27.7	182.0
03WA-109.2				3061.0	47.7	22.7	183.8
04WA-113.A				3031.7	48.7	27.1	182.5
04WA-101.45				2865.2	48.1	26.0	183.7
MERESSE		3924.1	3733.3	2720.9	53.1	24.7	181.8
LENETAH				2641.2	49.0	23.7	184.2
WA 9820-98		4353.0	4037.0	2628.6	54.4	25.1	184.8
04WNZ-90			4535.6	2599.1	48.6	24.1	183.3
02WNZ-1095		4533.9	4164.3	2503.6	47.4	24.7	183.2
MERLIN				2413.8	52.3	22.3	184.7
SPAULDING		4568.3	3833.0	2141.0	50.6	24.0	183.3
HAXBY			3686.2	1831.1	48.6	22.7	182.2
C.V. %	12.4	10.5	10.4	13.8	2.5	--	--
LSD '@ .10'	359.0	382.9	440.4	644.1	1.6	--	--
Average	5290.5	5000.5	4704.9	3434.7	48.6	26.7	183.5
Highest	6496.7	6266.1	5976.4	4650.4	54.4	34.0	185.8
Lowest	4494.0	3924.1	3686.2	1831.1	43.4	22.3	179.7

## **FARMINGTON SPRING BARLEY – 2008 WSU VARIETY TESTING DATA**

1. 2008 Spring Barley **YIELD DATA** from the WSU Variety Testing nursery at the Farmington, WA location averaged 3434.7 lbs/ac that was about 36.5% above/below a historical 3-yr average yield in this area. *NOTE: This nursery was located, approximately 1 mile south of Farmington, WA on the Garfield/Farmington Rd (B. Nelson farm).*
2. This nursery was planted (5 May 2008) on re-crop ground following winter wheat with a double disc plot drill (6-inch spacing) at a 90#/acre seeding rate. A March 2008 soil test showed 11.07 inches moisture in the top 4-feet. Base fertilizer was 95#N and 14#S. March 2008 soil test analysis showed 131#N, 38P#, and 13S#.
3. **TEST WEIGHT** average values were 48.6 lbs/bu.
4. **Nematodes** are suspected to have caused damage to this trial; several plots had symptoms of stubbed off and twisted lateral roots. A soil sample was sent for analysis and high levels of nematodes were found.
5. **Four hull-less, waxy barleys** were included in the trial (01WA-13860.5 (WSU), WA 9820-98 (WSU), MERESSE (Westbred, LLC) and MERLIN (Westbred, LLC).