

## 2006 WSU EXTENSION SPRING BARLEY NURSERY AT DAYTON, WA.

Variety Name	5 YEAR AVERAGE (LBS/A)	3 YEAR AVERAGE (LBS/A)	2 YEAR AVERAGE (LBS/A)	2006			
				YIELD (LBS/A)	TEST WT. (LBS/BU)	PLANT HT	HEAD DATE
02WZN-1095			3959.0	5831.5	52.6	29.7	163.5
YU-501-385D				5359.0	54.7	27.3	162.5
RADIANT	4429.8	4582.0	3670.3	5260.0	51.7	30.7	165.0
BARONESSE	4542.7	4562.0	3717.8	5250.0	51.9	27.3	164.0
WA 15279-00		4658.5	3594.0	5249.0	50.4	28.0	164.0
02WZN-1100			3767.5	5217.5	51.7	27.0	163.5
02WA-7029.7				5192.5	50.6	28.3	164.5
01NZ111		4925.8	3902.8	5175.0	53.9	26.0	166.0
03WZN-249				5152.5	51.5	26.7	164.5
WA 10701-99		4404.0	3397.3	5136.0	51.4	31.0	163.5
FARMINGTON	4412.0	4696.0	3719.0	5097.0	52.3	25.7	164.5
02WZN-1015			3642.5	5062.5	52.4	27.0	164.0
01NZ706		4534.3	3328.8	5050.0	49.3	33.3	163.5
SPAULDING			3163.3	5021.0	53.5	28.0	162.5
HE-8805				4954.5	50.7	27.7	165.0
02WA-7028.9				4926.0	52.7	28.7	162.0
01NZ384			3441.5	4923.0	48.7	31.0	163.0
BOULDER		4457.5	3487.3	4913.5	54.5	28.7	162.0
02WA-7052.9				4905.0	50.3	26.0	164.0
03GNZ-834				4890.5	50.9	29.3	164.5
03WZN-262				4776.5	50.9	27.3	164.0
WA 7330-00		4476.3	3548.8	4757.0	51.0	27.0	164.0
YU-501-385N				4751.0	51.7	33.3	163.5
03WZN-164				4705.5	51.6	25.7	164.0
BOB	4117.2	4100.5	3204.5	4686.5	52.1	29.7	162.5
03NZ885				4682.0	49.9	27.0	164.0
01NZ392		4350.8	3276.5	4614.0	48.5	33.7	163.0
03GNZ-716				4593.5	49.2	29.3	165.5
03NZ199				4531.0	49.9	25.7	166.5
02WA-7018.13				4525.5	51.9	27.7	163.0
LEGACY	3909.8	4007.3	2854.5	4486.5	49.2	33.3	161.0
03GNZ-722				4476.5	49.6	28.7	165.5
01NZ338		4309.2	3029.0	4445.0	48.9	29.7	164.5
AC METCALFE		3967.7	2929.5	4342.0	52.4	32.0	163.0
02WA-7047.24				4322.0	52.6	28.0	165.0
HARRINGTON	3957.4	4088.8	3082.0	4284.5	51.4	30.7	164.0
WA 9820-98				4256.0	59.2	25.0	165.0
BURTON			3163.0	4244.5	51.9	29.0	164.5
MOREX	3312.3	3469.7	2627.8	3922.0	51.1	36.7	159.0
MERESSE				3464.0	62.6	26.0	161.5
C.V. %	8.7	9.5	10.6	9.9	2.1	--	--
LSD '@ .10'	219.8	319.4	381.9	644.5	1.5	--	--
Average	4097.3	4349.4	3386.6	4785.8	51.8	28.8	163.7
Highest	4542.7	4925.8	3959.0	5831.5	62.6	36.7	166.5
Lowest	3312.3	3469.7	2627.8	3464.0	48.5	25.0	159.0

## **DAYTON SPRING BARLEY – 2006 WSU VARIETY TESTING DATA**

1. 2006 Spring Barley **yield data** from the WSU Variety Testing nursery at the Dayton location averaged 4785.8 lbs/ac that exceeded the 3-year average yield by about 10%. Some of the higher yield varieties/experimental lines easily exceeded 2.5 tons/acre in yield. This yield increase above historical yields follows a trend seen in spring wheat that was a function of above normal precipitation during end of May and first part of June that enhanced tiller production and development. This nursery was planted on 24 March 2006 on winter wheat stubble (adjacent the spring wheat nursery. *NOTE: This nursery was also located approximately 8 miles SW of Dayton, WA on Payne Hollow/Hogeye Hollow Rd (J. Takemura farm).*

2. **TEST WEIGHT** average values were high at 51.8 lbs/bu. Two hulless, waxy barleys were included in the trial (WA9820-98 (WSU) and MERESSE (Westbred, LLC) that had exceedingly high test weight values due to the kernel characteristic with no 'hull'. Test weight values for these varieties were 59.2 lbs/bu and 62.6 lbs/bu, respectively.

3. In general, variety **YIELD RANKINGS** continue to keep Baronesse close to the top. The three varieties that out yielded Baronesse all have Baronesse as part of their pedigrees.