

[Notes](#)

**2005 VARIETY TESTING  
WASHINGTON STATE UNIVERSITY  
WALLA WALLA SPRING BARLEY**

VARIETY NAME	5 YEAR AVERAGE (LB/A)	3 YEAR AVERAGE (LB/A)	2 YEAR AVERAGE (LB/A)	2005 YIELD (LB/A)	2005 TEST WT. (LBS/BU)
BARONESSE	3692 ( 1)	3888 ( 2)	4120 ( 2)	3485 ( 1)	49.3
BOB	3517 ( 2)	3400 ( 3)	3474 ( 9)	2826 (13)	48.3
XENA	3475 ( 3)	3329 ( 5)	3313 (12)	2462 (24)	46.1
FARMINGTON	3337 ( 4)	3296 ( 7)	3569 ( 7)	3006 ( 6)	46.4
MOREX	3285 ( 5)	3365 ( 4)	3555 ( 8)	2455 (25)	46.0
CAMAS	3253 ( 6)	3180 ( 9)	3154 (14)	2288 (34)	46.8
RADIANT	3218 ( 7)	3211 ( 8)	3231 (13)	2856 (12)	48.0
HARRINGTON	3054 ( 8)	2916 (13)	3044 (16)	2530 (23)	43.4
BOULDER	---	3898 ( 1)	4289 ( 1)	3352 ( 2)	50.6
LEGACY	---	3328 ( 6)	3731 ( 5)	2228 (36)	44.4
WA 8569-99	---	3071 (10)	2917 (21)	2446 (27)	47.0
WA 10701-99	---	3029 (11)	2877 (22)	2295 (33)	44.4
CEBECO 0149	---	2994 (12)	2952 (19)	2242 (35)	47.3
CREEL	---	2893 (14)	3114 (15)	2171 (38)	43.2
AC METCALFE	---	2792 (15)	2709 (24)	2619 (19)	46.1
01NZ706	---	2713 (16)	2843 (23)	2094 (39)	40.4
TRADITION	---	---	3773 ( 3)	2448 (26)	44.6
01NZ111	---	---	3743 ( 4)	2958 ( 9)	49.3
YU-501-385	---	---	3716 ( 6)	2411 (28)	47.3
WA 7330-00	---	---	3462 (10)	2618 (20)	46.7
WA 15279-00	---	---	3389 (11)	2677 (17)	46.3
01NZ338	---	---	2983 (17)	2190 (37)	42.9
01NZ392	---	---	2962 (18)	2047 (40)	42.4
WA 10429-00	---	---	2930 (20)	2634 (18)	43.9
BURTON	---	---	---	3277 ( 3)	47.9
02WNZ1990	---	---	---	3132 ( 4)	48.1
02WNZ1874	---	---	---	3057 ( 5)	48.6
02WNZ1100	---	---	---	3003 ( 7)	48.8
02WNZ1015	---	---	---	2975 ( 8)	46.4
02WNZ1551	---	---	---	2949 (10)	49.4
2001NZ078	---	---	---	2891 (11)	47.4
02WNZ1719	---	---	---	2747 (14)	45.6
02WNZ1826	---	---	---	2746 (15)	46.2
02WNZ1821	---	---	---	2682 (16)	47.0
GMG SPAULDING	---	---	---	2617 (21)	47.6
00WNZ154	---	---	---	2597 (22)	45.0
02WNZ1095	---	---	---	2408 (29)	46.2
02WNZ1023	---	---	---	2393 (30)	46.8
2001NZ384	---	---	---	2392 (31)	43.7
01WA13825.22	---	---	---	2381 (32)	47.3

<b>Mean</b>	3354	3207	3327	2639	46.3
<b>CV%</b>	14.2	17.0	20.4	25.8	3.8
<b>LSD @ .10</b>	290	428	653	926	2.4

**WALLA WALLA SPRING BARLEY – 2005 WSU VARIETY TESTING DATA**

- 2005 Spring Barley data from the WSU Variety Testing nursery at the Walla Walla location averaged 2639 lbs/acre that was 15% lower than the previous 3-year average of 3635 lbs/acre. Just like spring wheat at this location, this nursery was planted on re-crop following a 2004 winter wheat crop and the 2005 spring growing conditions contributed to yields that were lower than the historical averages.
- TEST WEIGHT values were a little light averaging 46.0 lbs/bu in this nursery – again, influenced by the seasonal growing conditions. 6-row variety Test Weight averages (43.0 lbs/bu) were substantially below 2-row variety average Test Weights (47.0 lbs/bu). This is not uncommon since 6-row varieties typically have lower test weight values.
- Yield rankings generally followed 3-year historical trends at this location with Baronesse and new varieties with Baronesse parentage having the highest average yields. 6-row spring barley varieties appeared to suffer most from the 2005 growing conditions by averaging 17.6% (483#) lower yields than the average of the 2-row varieties in the nursery.

4. The historical 3-year average data set probably best represents spring barley performance at this location due to a fairly high variation (CV %) in this 2005 nursery caused by the unique 2005 spring growing conditions.