

[Notes](#)

**2005 VARIETY TESTING  
WASHINGTON STATE UNIVERSITY  
DAYTON 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	4039 ( 1)	4211 ( 3)	4218 (15)	2186 ( 9)	40.9
XENA	4020 ( 2)	4341 ( 1)	4598 ( 3)	2113 (10)	39.3
RADIANT	3930 ( 3)	4022 ( 6)	4243 (11)	2081 (14)	39.5
FARMINGTON	3914 ( 4)	4184 ( 4)	4496 ( 4)	2341 ( 3)	43.5
BOB	3673 ( 5)	3839 ( 9)	3808 (19)	1723 (29)	38.2
HARRINGTON	3605 ( 6)	3825 (10)	3991 (17)	1880 (25)	39.3
CAMAS	3438 ( 7)	3494 (15)	3565 (23)	1485 (36)	37.4
MOREX	3019 ( 8)	2957 (16)	3244 (24)	1334 (37)	34.2
WA 8569-99	---	4215 ( 2)	4491 ( 5)	2382 ( 2)	40.8
CEBECO 0149	---	4036 ( 5)	4337 ( 7)	1896 (24)	39.0
BOULDER	---	3958 ( 7)	4230 (13)	2061 (15)	41.9
01NZ706	---	3858 ( 8)	4277 ( 9)	1608 (33)	32.6
WA 10701-99	---	3819 (11)	4038 (16)	1659 (30)	36.9
AC METCALFE	---	3808 (12)	3781 (20)	1517 (35)	37.8
CREEL	---	3580 (13)	3927 (18)	1110 (40)	31.7
LEGACY	---	3505 (14)	3768 (21)	1223 (39)	34.6
01NZ111	---	---	4801 ( 1)	2631 ( 1)	44.9
YU-501-385	---	---	4621 ( 2)	1972 (17)	39.4
WA 15279-00	---	---	4363 ( 6)	1939 (21)	40.4
WA 7330-00	---	---	4336 ( 8)	2341 ( 4)	40.6
WA 10429-00	---	---	4262 (10)	1611 (32)	35.7
01NZ338	---	---	4241 (12)	1613 (31)	34.3
01NZ392	---	---	4219 (14)	1939 (21)	35.2
TRADITION	---	---	3675 (22)	1550 (34)	34.7
02WNZ1100	---	---	---	2318 ( 5)	41.6
02WNZ1015	---	---	---	2223 ( 6)	41.1
02WNZ1023	---	---	---	2198 ( 7)	40.1
02WNZ1719	---	---	---	2190 ( 8)	39.1
00WNZ154	---	---	---	2101 (11)	39.2
02WNZ1095	---	---	---	2087 (12)	39.0
BURTON	---	---	---	2082 (13)	40.4
2001NZ078	---	---	---	1996 (16)	41.0
2001NZ384	---	---	---	1960 (18)	35.5
02WNZ1821	---	---	---	1954 (19)	38.7
02WNZ1551	---	---	---	1926 (22)	41.6
02WNZ1874	---	---	---	1925 (23)	40.5
02WNZ1826	---	---	---	1847 (26)	41.2
01WA13825.22	---	---	---	1808 (27)	37.6
02WNZ1990	---	---	---	1727 (28)	38.7
GMG SPAULDING	---	---	---	1306 (38)	34.6

Mean	3705	3853	4147	1896	38.6
CV%	7.7	8.2	9.0	16.2	5.0
LSD @ .10	174	249	359	418	2.6

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

1. 2005 spring barley yields from the WSU Variety Testing nursery at the Dayton location averaged only 1896 lb/ac (yield losses were similar to spring wheat at this location, easily 60% less than the historical yield averages for Dayton, 4708 bu/ac). *NOTE: the 2005 nursery was located approximately 15 miles NE of Dayton in the vicinity of Turner Elevator.*
2. This spring barley nursery was co-located with the spring wheat nursery (listed above) and plant growth and development responses to management and the environment were similar. Spring barley was more severely impacted indicated by an average test weight value of 39.0 lb/bu. That dramatically reflects the impact of the 2005 spring growing conditions.
3. The nursery was on a re-crop piece of ground following winter wheat and seeded on 9 March 2005 into dry, cold seed bed conditions. Emergence was delayed until the end of March. There was 90#N, 10#P and 10#S of fertilizer applied for this crop. In mid-June 2005, soil moisture in the shallow root zone was depleted and the plants basically

quit growing with pre-mature ripening. Low test weight values are indicative of the growing conditions for this crop. This is a nursery where 3-yr and 5-yr yield averages should be used to assess variety performance.

4. PHOTO: A photo of typical thin and shriveled spring barley kernels harvested from this nursery is attached. (Photo is from a 6-row barley, 1171#/ac yield and 31.2 #/bu test weight).

