

[Notes](#)

**2005 VARIETY TESTING  
WASHINGTON STATE UNIVERSITY  
ANATONE 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)
XENA	---	---	4913 ( 1)	4287 (11)	52.2
BOULDER	---	---	4868 ( 2)	4510 ( 4)	54.3
WA 8569-99	---	---	4847 ( 3)	4379 ( 8)	52.3
YU-501-385	---	---	4766 ( 4)	3874 (29)	54.8
WA 10701-99	---	---	4686 ( 5)	4254 (13)	53.0
WA 15279-00	---	---	4669 ( 6)	4566 ( 3)	52.3
WA 7330-00	---	---	4579 ( 7)	3911 (27)	53.7
RADIANT	---	---	4570 ( 8)	4332 ( 9)	51.9
01NZ111	---	---	4556 ( 9)	3764 (32)	55.0
BOB	---	---	4538 (10)	4006 (22)	53.1
BARONESSE	---	---	4503 (11)	3932 (24)	50.9
01NZ706	---	---	4501 (12)	4119 (18)	46.8
CAMAS	---	---	4443 (13)	4068 (20)	53.7
WA 10429-00	---	---	4301 (14)	3874 (29)	51.5
FARMINGTON	---	---	4287 (15)	3312 (39)	51.7
CEBECO 0149	---	---	4234 (16)	3914 (26)	50.4
AC METCALFE	---	---	4198 (17)	4060 (21)	51.9
HARRINGTON	---	---	4191 (18)	3986 (23)	52.0
01NZ392	---	---	4174 (19)	3594 (36)	49.5
TRADITION	---	---	4110 (20)	3441 (38)	50.1
LEGACY	---	---	4082 (21)	3644 (34)	48.7
CREEL	---	---	3997 (22)	3871 (30)	47.4
01NZ338	---	---	3692 (23)	3582 (37)	47.6
MOREX	---	---	3425 (24)	3649 (33)	48.7
02WNZ1095	---	---	---	4995 ( 1)	53.0
02WNZ1100	---	---	---	4788 ( 2)	52.6
00WNZ154	---	---	---	4490 ( 5)	52.1
02WNZ1023	---	---	---	4455 ( 6)	51.7
02WNZ1821	---	---	---	4380 ( 7)	52.7
02WNZ1874	---	---	---	4317 (10)	52.7
02WNZ1719	---	---	---	4255 (12)	53.1
BURTON	---	---	---	4235 (14)	51.7
GMG SPAULDING	---	---	---	4226 (15)	52.3
02WNZ1990	---	---	---	4178 (16)	52.4
01WA13825.22	---	---	---	4168 (17)	52.4
02WNZ1015	---	---	---	4103 (19)	53.4
2001NZ384	---	---	---	3927 (25)	49.6
02WNZ1826	---	---	---	3776 (31)	51.5
02WNZ1551	---	---	---	3641 (35)	53.8
2001NZ078	---	---	---	3102 (40)	48.9

Mean	---	---	4380	4049	51.7
CV%	---	---	10.8	9.5	2.7
LSD @ .10	---	---	454	524	1.9

#### **ANATONE SPRING BARLEY – 2005 WSU VARIETY TESTING DATA**

1. 2005 Spring Barley data from the WSU Variety Testing nursery at the Anatone location averaged 2-tons/acre (4049 lbs), slightly higher than a 3-year historical average of 3700 lbs/ac. This nursery was planted as re-crop following a 2004 winter wheat crop.

2. TEST WEIGHT values were excellent for the majority of varieties in this nursery with an average of 52.0 lbs/bu. In general, 6-row varieties had lower test weight values than 2-row varieties which are fairly typical.

3. STRIPE RUST infections were observed on susceptible varieties on a 24 June 2005 evaluation. Severity of infections was relatively low and did not appear to have any impact on 2-row varieties. Three 6-row varieties showed fairly high levels of infection (Creel, Morex and Legacy). Each of these varieties had some of the lower yields in the nursery; however, the yield ranking of each of these in 2005 is consistent with previous years – even in the absence of stripe rust.

4. In general, variety YIELD RANKINGS were somewhat similar to historical yield rankings; however with high environmental variability in 2005, it is important to look at historical yield performance for

this nursery in making variety selections.