

2006 WSU EXTENSION SPRING BARLEY NURSERY AT FAIRFIELD, 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
YU-501-385D				5062.0	54.8	--	--
BARONESSE	4704.0	4742.0	4475.4	4700.8	53.5	--	--
03WZN-262				4502.4	52.4	--	--
02WA-7052.9				4491.4	53.0	--	--
02WA-7047.24				4452.0	51.6	--	--
02WA-7018.13				4339.6	52.2	--	--
WA 7330-00		4247.1	4335.4	4266.0	53.3	--	--
02WZN-1100			4009.2	4225.6	54.4	--	--
02WA-7028.9				4142.4	54.1	--	--
02WZN-1095			3763.9	4129.7	53.2	--	--
RADIANT	4612.2	4674.7	4135.8	4071.6	52.5	--	--
03NZ199				4020.0	52.5	--	--
SPAULDING			3823.0	3997.6	55.6	--	--
02WZN-1015			3789.9	3957.4	52.2	--	--
HE-8805				3907.2	52.1	--	--
WA 10701-99		3784.5	3707.7	3899.9	52.2	--	--
AC METCALFE		3828.9	3509.2	3851.2	51.5	--	--
02WA-7029.7				3849.6	52.1	--	--
BOULDER		4032.3	3918.2	3840.8	55.3	--	--
BOB	4418.6	4420.9	3849.4	3704.0	53.8	--	--
03GNZ-834				3652.0	52.2	--	--
03GNZ-716				3623.4	51.9	--	--
01NZ392		3672.8	3350.0	3570.0	49.3	--	--
01NZ111		3710.4	3211.6	3500.0	54.0	--	--
BURTON			3626.0	3454.4	52.7	--	--
03NZ885				3443.2	49.7	--	--
MERESSE				3416.0	61.2	--	--
MOREX	2796.1	2575.9	2834.4	3352.0	50.8	--	--
03WZN-249				3333.2	53.0	--	--
YU-501-385N				3322.0	52.7	--	--
HARRINGTON	3865.8	3688.0	3254.2	3301.2	51.9	--	--
03GNZ-722				3286.4	51.0	--	--
01NZ384			3383.7	3283.8	50.1	--	--
WA 15279-00		3982.9	3715.8	3244.8	50.8	--	--
01NZ706		3567.2	3428.8	3174.0	49.9	--	--
WA 9820-98				3126.4	59.2	--	--
LEGACY	3717.4	3470.6	3169.0	3118.7	51.8	--	--
FARMINGTON	3936.3	3822.3	3320.4	2971.2	51.6	--	--
03WZN-164				2939.0	52.7	--	--
01NZ338		3397.3	3064.0	2807.6	49.1	--	--
C.V. %	16.1	14.6	14.2	16.6	1.9	--	--
LSD '@ .10'	371.7	435.8	500.9	841.3	1.4	--	--
Average	4007.2	3851.1	3621.6	3733.3	52.7	--	--
Highest	4704.0	4742.0	4475.4	5062.0	61.2	--	--
Lowest	2796.1	2575.9	2834.4	2807.6	49.1	--	--

FAIRFIELD SPRING BARLEY – 2006 WSU VARIETY TESTING DATA

1. 2006 Spring Barley **yield data** from the WSU Variety Testing nursery at the Fairfield location averaged 3733 lbs/ac that were about **3% lower** than the 3-year average yield (3851 lbs/ac).
NOTE: This nursery was located, approximately 7 miles northwest of Fairfield, WA on E. Madison Rd (K. Felgenhauer farm).
2. The nursery was **seeded** on 20 April 2006 on re-crop ground following a winter (2005) wheat crop. There was good soil moisture, almost in excess, at seeding that resulted in slight compaction in certain areas of the nurseries as well as some varied emergence across the nursery.
3. **Average YIELD RANKINGS** closely tracked with historical 3-yr and 5-yr yield rankings. The highest yielding line (YU-501-385D w/ 5644 lbs/ac) is an experimental line from Westbred, LLC that is a cross of Baronesse x Camas. Camas, UI, was not included in the trial but is a variety noted for high test weight values that are trying to be attained when using it in crosses with other varieties. Baronesse (Westbred, LLC), Radiant (WSU) and Spaulding (GMG) are three commercial varieties that were in the upper third of the yield rankings at this location and were statistically 'equal' in yield.
4. **AVERAGE TEST WEIGHT** values were exceptionally high at 52.7 lbs/bu; with a range among feed/malting barley-types of 49.1 (01NZ338) to 55.6 lbs/bu (Spaulding).