

2006 WSU EXTENSION WINTER BARLEY NURSERY AT PULLMAN, 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
STRIDER	--	6759.3	7206.8	8201.5	53.3	34.5	140.0
SUNSTAR PRIDE	--	6669.3	7371.9	7941.0	51.5	29.5	147.0
WA1614-95	--	6496.6	6874.3	7802.3	52.0	32.5	143.0
HUNDRED	--	6248.4	6743.5	7375.3	49.6	31.0	146.0
HESK	--	6541.2	6652.9	7368.3	51.2	33.3	146.0
WESTBRED SPRINTER	--	6529.1	6734.5	7333.8	50.9	33.8	147.0
BOYER	--	6457.8	6637.0	7317.5	51.5	35.3	146.0
KOLD	--	6296.6	7054.4	7157.0	54.2	38.0	143.0
KAMIAK	--	5920.6	6258.4	6794.0	52.3	39.3	138.0
BARONESSE	--		6434.1	6634.5	54.4	32.0	139.0
C.V. %	--	9.0	9.7	5.8	0.9	--	--
LSD '@.10'	--	393.8	551.8	520.5	0.6	--	--
Average	--	6435.4	6796.8	7392.5	52.1	33.9	143.5
Highest	--	6759.3	7371.9	8201.5	54.4	39.3	147.0
Lowest	--	5920.6	6258.4	6634.5	49.6	29.5	138.0

PULLMAN WINTER BARLEY – 2006 WSU VARIETY TESTING DATA

1. 2006 winter barley **YIELD DATA** from the WSU Variety Testing nursery at the Pullman (Spillman Agronomy Farm, Dept. of Crop & Soil Sciences) location averaged over 3.6 tons per acre (7392.5 lbs/ac) that was 14.8% higher than the 3-year historical average (6435.4 lbs/ac). *NOTE: the Pullman nursery was located 5 miles south of Pullman, WA off Johnson Rd.*
2. This nursery had good emergence that resulted in a very even and uniform stand with fairly large wheat going into the winter. .
3. Strider, an Oregon State University Variety released in 1997 had the highest average yield in 2006 and for a 3-year average. Baronesse spring barley was included in the trial to evaluate winter hardiness and provide additional comparisons with winter barley varieties. The mid-February 2006 cold snap did not impact Baronesse and it attained a yield of 6634.5 lbs/ac that was only 10.7% less than the yield of Strider. It appears that winter barley maintains the capacity to out-yield spring barley if things go right; however, poor winter hardiness in winter barley varieties continues as one of the major production constraints in the state.
4. Average **Test Weight** value was 52.1 lb/bu – very heavy barley that appeared to have resulted from the late May/early June rain events and cool conditions during grain fill.