

## 2005 WINTER BARLEY

**OVERVIEW:** A trend continues where few if any acres of winter barley were planted in Washington State in 2005 according to data from the Washington Agricultural Statistics Service. There were no acreage listings for winter barley in the *Washington Barley Varieties, 2005 Crop, July 12, 2005* WASS report. The WSU Variety Testing Program establishes two replication trials in traditional winter barley producing areas (Anatone and Pullman, WA) to provide baseline data on yield and adaptation of currently available winter barley varieties. Below are summary notes from each of these locations:

### ANATONE WINTER BARLEY

1. 2005 Winter Barley YIELD DATA at the Anatone location averaged 5856 lbs/ac and was substantially higher than the historical 2-year average (4138 lbs/ac) by 41.5%.
2. This nursery was planted on 27 Sep 2004 and co-located with a soft white winter wheat nursery that averaged 100.7 bu/ac (6042 lbs/ac).
3. Yield ranking in the nursery for of the majority of varieties was very similar to historical average rankings

### PULLMAN WINTER BARLEY

1. 2005 Winter Barley nursery at the Pullman location (Spillman Agronomy Farm) averaged 6197 lbs/ac and exceeded the 2004 average (5632 lbs/ac) by 10%.
2. Three varieties/experimental lines showed no lodging (Kold, Sunstar Pride and WA1614-95).
3. Yield ranking in the nursery of the of varieties varied more compared to historical average rankings than was observed at the Anatone location.

TABLE WA4334. 2005 WSU EXTENSION WINTER BARLEY NURSERY AT ANATONE, WA.

VARIETY NAME	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2005			
				YIELD (BU/A)	TEST WT. (LBS/BU)	PLANT HT	HEAD DATE
WA1614-95	---	---	6109 ( 1)	6375 ( 3)	48.8	30	24-May
STRIDER	---	---	5937 ( 2)	6715 ( 2)	46.7	33	22-May
SUNSTAR PRIDE	---	---	5799 ( 3)	7079 ( 1)	49.5	35	27-May
WESTBRED SPRINT	---	---	5453 ( 4)	5876 ( 5)	46.4	34	26-May
HESK	---	---	5449 ( 5)	6114 ( 4)	47.4	34	23-May
BOYER	---	---	5028 ( 6)	5524 ( 6)	47.3	34	23-May
HUNDRED	---	---	4839 ( 7)	5471 ( 7)	45.4	34	23-May
KOLD	---	---	4482 ( 8)	5285 ( 8)	47.7	31	24-May
KAMIAK	---	---	4348 ( 9)	4269 ( 9)	46.9	39	18-May
Mean	---	---	5271	5856	47.4	34	23-May
CV%	---	---	11.5	7.0	1.5	---	---
LSD @ .10	---	---	510	496	0.9	---	---

Planted: 27 Sep 04  
Harvested: 2 Aug 05

TABLE WA4302. 2005 WSU EXTENSION WINTER BARLEY NURSERY AT PULLMAN, WA.

VARIETY NAME	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	YIELD (BU/A)	TEST WT. (LBS/BU)	2005		
						PLANT HT	HEAD DATE	LODGE %
HESK	---	---	6128 ( 1)	5938 ( 8)	50.4	43	9-May	51
WESTBRED SPRINT	---	---	6127 ( 2)	6135 ( 4)	49.6	40	9-May	43
STRIDER	---	---	6038 ( 3)	6212 ( 3)	49.7	43	12-May	55
SUNSTAR PRIDE	---	---	6033 ( 4)	6803 ( 2)	50.2	39	9-May	0
BOYER	---	---	6028 ( 5)	5956 ( 6)	50.4	42	9-May	33
KOLD	---	---	5866 ( 6)	6952 ( 1)	51.4	41	12-May	0
WA1614-95	---	---	5844 ( 7)	5946 ( 7)	50.3	40	10-May	0
HUNDRED	---	---	5685 ( 8)	6112 ( 5)	49.3	38	9-May	3
KAMIAK	---	---	5484 ( 9)	5723 ( 9)	52.0	47	15-May	23
Mean	---	---	5914	6197	50.4	41	10-May	23
CV%	---	---	10.9	13.5	1.8	---	---	---
LSD @ .10	---	---	543	1013	1.1	---	---	---

Planted: 12 Oct 04  
Harvested: 20 Jul 05