

## 2006 WINTER BARLEY

**OVERVIEW:** There is essentially no winter barley production in Washington State since existing varieties are fairly sensitive to winter injury and spring barley varieties such as Baronesse have similar yield potentials with less production risks. The Variety Testing Program maintains winter barley nurseries at Anatone and Pullman, WA to continue performance and evaluation of existing varieties and new releases from barley breeding programs. The Anatone, WA winter barley location suffered extensive winter damage and was not harvested in 2006. The following is a summary evaluation from the Pullman, WA winter barley location:

### **PULLMAN WINTER BARLEY**

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 at the WSU Spillman Agronomy Farm, Dept. of Crop and Soil Sciences, 5 miles south of Pullman, WA on Johnson Rd. (S. Kuehner, Manager).
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 as well as the highest 3-year average yield. 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, 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.

**TABLE WA4302B.**

### **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

## 2006 SPRING BARLEY

**OVERVIEW:** Spring barley 2006 yield averages were 15.1% higher than the previous 3-yr average. Average yield across 12 locations in 2006 was 4317 pounds per acre. Environmental extremes were manifested throughout the growing season that included: drought/heat stress from mid-April to mid-May, killing frost period in early May 2006, good precipitation and cool weather in late May and early June and capped off with some severe heat stress periods in both June and July. All of these factors created a real stop & go growth and development pattern for spring barley during the growing season; however in general spring barley performed better than expected. **Fifteen (15) spring barley nurseries** were established and harvested in the 2006 Variety Testing Program trials; however, three locations,(Bickleton, Dusty and Walla Walla, WA) are not listed in the 2006 data set since field variation (CV %) in these nurseries was outside the limits for providing accurate performance evaluations among the varieties/lines entered. Across all locations, a few newer varieties/experimental lines had average **yield rankings** higher than Baronesse; however, Baronesse continues to play a dominant role. From a statistical standpoint, Baronesse was 'statistically-equal' to each of the entries with higher overall rankings in the trial except for YU-501-385D (officially named Champion) that happens to be an improved Baronesse-type line (Westbred, LLC). Many of the 6-row varieties/lines (six entries are listed in italics in the data set) continued to be at the lower end of the yield rankings. This is fairly typical since 6-row barley varieties tend to produce few tillers and they also seem to be more sensitive to early season (May) frost events. **Test weight** average values were high at 50.8 lbs/bu; that is 5.2% higher than the previous 3-year average across all locations of 48.3 lbs/bu. In general, barley quality in terms of test weight appeared to be close to 2 lbs/bu higher than normal. Two hulless, **waxy barleys** were included in the trial (WA9820-98 (WSU) and MERESSE (Westbred, LLC) that had exceedingly high test weight values due to the hulless kernel characteristic. Waxy barley is specialty barley that has several quality traits that make it adaptable to many end uses. Most notably, waxy barley has a modified starch profile and increased levels of beta-glucans. Varieties with waxy starch are ideal for many food and industrial applications. A limitation of hulless barley is reduced yields that are typically 10% to 20% lower than normal feed barley varieties. This yield reduction is in part due to the hulless character. The hull generally weighs between 10-15% of the total kernel. Listed below are summary evaluations for spring barley at each WSU Variety Testing Program location:

### **ALMIRA SPRING BARLEY**

1. 2006 Spring Barley **yield data** from the WSU Variety Testing nursery at the Almira, WA location averaged 4868.7 lbs/ac that were higher than the 3-year average yield by 28.5% (1080 lbs/ac). This substantial yield increase above historical yields is a function of above normal precipitation during end of May and first part of June that enhanced tiller production and development coupled with being planted on fallow ground. *NOTE: This nursery was located approximately 8 miles northwest of Wilbur, WA on Douglas Rd (D. McKay farm).*
2. Many newer varieties/experimental lines had average **yield rankings** higher than Baronesse that was in the 16<sup>th</sup> spot out of forty entries; however, from a 'statistical' standpoint, only the top two experimental lines had average yields 'statistically' greater than Baronesse.
3. **Test weight** average values were 52.1 lbs/bu; with a range among feed barley-types of 48.5 to 54.2 – really heavy barley at this location.

### **ANATONE SPRING BARLEY**

1. 2006 Spring Barley **yield data** from the WSU Variety Testing nursery at the Anatone, WA location averaged 3236.2 lbs/ac that were lower than the 3-year average yield by about 18% (725 lbs/ac). Some of the higher yielding entries averaged a little over 1.75 tons per acre compared to historical yields of higher producing varieties that are normally in the 2.0-2.25 ton/ac range. Yields lower than historical averages are undoubtedly a function of the weather patterns and it appears that heat stress had an impact on both tiller and kernel development since, on average, the barley was light (46.7 lbs/bu test weight). This nursery was planted on re-crop ground on 27 April 2006. *NOTE: This nursery was located approximately 8 miles SE of Anatone, WA on Savage RD (J. Johnson farm).*
2. In general, variety **yield rankings** continue to keep Baronesse close to the top; however, newer varieties/experimental lines seem to be nudging Baronesse slightly. In most cases the yields of the higher ranking varieties were still statistically equal to Baronesse except for the highest yielding line (YU-501-385D) that has Baronesse in its pedigree.
3. **Test weight** average values were 46.7 lbs/bu; however, six of the eight highest yielding varieties had test weight values 48#/bu or higher. There appeared to be a strong trend of lower test weight values yields associated with lower yields.

### **DAYTON SPRING BARLEY**

1. 2006 Spring Barley **yield data** from the WSU Variety Testing nursery at the Dayton, WA location averaged 4785.8 lbs/ac that exceeded the 3-year average yield by about 10%. Some of the higher yielding entries easily exceeded 2.5 tons/acre in yield. This yield increase above historical yields follows a trend seen in spring barley that was a function of above normal precipitation during end of May and first part of June that enhanced tiller production and development. This nursery was re-crop planted on 24 March 2006 on winter wheat stubble (adjacent the spring wheat nursery). *NOTE: This nursery was located approximately 8 miles SW of Dayton, WA on Payne Hollow/Hogeye Hollow Rd (J. Takemura farm).*
2. In general, variety **yield rankings** continue to keep Baronesse close to the top. The three varieties that out yielded Baronesse all have Baronesse as part of their pedigrees.
3. **Test weight** average values were high at 51.8 lbs/bu.

### **FAIRFIELD SPRING BARLEY**

1. 2006 Spring Barley **yield data** from the WSU Variety Testing nursery at the Fairfield, WA 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).

### **FARMINGTON SPRING BARLEY**

1. 2006 Spring Barley **yield data** from the WSU Variety Testing nursery at the Farmington, WA location averaged 5519.4 lbs/ac that were slightly lower than the 3-year average yield by 2.4% (130 lbs/ac). This nursery was planted on 1 May 2006 on re-crop ground following winter wheat. Base fertilizer applied was 95#N with 15#S. Soil moisture was good at one (1) inch below the soil surface. *NOTE: This nursery was located, approximately 5 miles south of Farmington, WA on the Farmington/Garfield d (B. Nelson farm).*
2. The Farmington, WA location is kind of a novel location for barley production compared with much of rest of the state because Baronesse does not float to the top in yield rankings. Fourteen entries out of the 40 newer varieties/experimental lines in the nursery had average **yield rankings** that were statistically higher than Baronesse; however, Baronesse continues to part of the pedigree of many of the higher yielding entries. Historical 3-yr and 5-yr yield rankings tracked fairly well with the 2006 yield rankings among varieties
3. **Test weight** average values were good at 49.9 lbs/bu; with a range among feed barley-types of 46.0 (01NZ338) to 52.7 lbs/bu (Spaulding).

### **LAMONT SPRING BARLEY**

1. 2006 Spring Barley **yield data** from the WSU Variety Testing nursery at the Lamont, WA location averaged 4972 lbs/ac that were **over 24% higher** than the 3-year average yield (3998 lbs/ac). This nursery was planted on 30 Mar 2006 on re-crop ground following spring barley. Base fertilizer applied was 65#N with 0#S. Soil moisture was good at one (1) inch below the soil surface. *NOTE: This nursery was located, approximately 10 miles south of Lamont, WA on the SR23 (St John/Lamont Rd) – G. White farm).*
2. **Average yield rankings** closely tracked with historical 3-yr and 5-yr yield rankings. It is worth noting that this spring barley nursery was planted at the same site as the previous year (2005) Variety Testing nursery so we actually have two spring barley crops on the same piece of ground. Even though this 'rotation' is not a common commercial practice, part of the higher yield averages could be associated with the positive rotational effect of barley. The majority of the highest yielding varieties have Baronesse as part of the pedigree. The highest yielding line (YU-501-385D) 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. Radiant (WSU) and Baronesse (Westbred, LLC) continue to perform well at this location.
3. **Test weight** average values were good at 50.6 lbs/bu; with a range among feed barley-types of 46.3 (01NZ70) to 52.8 lbs/bu (YU-501-385D, and 01NZ111). Two other commercial varieties (Spaulding (GMG) and Boulder (Westbred, LLC) also had test weight values that exceeded 52#/bu.

### **MAYVIEW SPRING BARLEY**

1. 2006 Spring Barley **yield data** from the WSU Variety Testing nursery at the Mayview location averaged 3002 lbs/ac that were **about 3% lower** than the 3-year average yield (3095 lbs/ac). *NOTE: The Mayview nursery was located in Garfield County approximately 25 miles northeast of Pomeroy, WA on the Tramway Rd. This nursery overlooks and is on what is called the 'breaks' of the Snake River, approximately 10 miles SE of Lower Granite Dam. The nursery is in a 16"-20" rainfall region. (Roger & Randy Koller farm).*
2. This nursery was **re-crop seeded** on 27 April 2006 into winter wheat stubble with soil moisture within an inch of the surface. Throughout the growing season this was a nice, even stand.

3. **Yield rankings** among varieties within market classes bounced around a little when comparing with 3-yr and 5-yr historical yield rank patterns. This is another one of the nurseries that performed near average even with the up-and-down weather patterns thrown at it during the growing season.
4. **Test weight** average values were good at 49.7 lbs/bu; with a range among feed barley-types of 46.1 (01NZ338)) to 52.0 lbs/bu (Boulder).

#### **MOSES LAKE (irrigated) SPRING BARLEY**

1. 2006 Spring Barley **yield data** from the WSU Variety Testing nursery at the Moses Lake, WA (irrigated) location averaged 5049 lbs/ac that were **about 3% lower** than the 2-year average yield (5219 lbs/ac). *NOTE: The Moses Lake nursery was approximately 8 miles west of Moses Lake on Rd 4NW (J. LaFave farm). This nursery was irrigated with solid sets.*
2. This nursery was **re-crop seeded** on 31 March 2006 following a 2005 corn crop.
3. **Yield rankings** among varieties within market classes bounced around a little when comparing with 2-yr historical yield rank patterns. In fact the coefficient of variation (CV%) is high at 18.9% indicating yield factors other than varietal differences had a strong influence on the yield data. Lodging is considered to have had one of the strongest influences on yield performance in this nursery. There appears to be a trend to lower yields associated with higher levels of lodging. In many respects, lodging has been one of the major constraints to commercial irrigated spring barley production in Central irrigated regions of Washington. This nursery provided 'vivid' evidence of this production constraint.
4. **Test weight** average values were high at 54.7 lbs/bu; with a range among feed barley/malting-types of 50.7 (01NZ338)) to 56.5 lbs/bu (02WNZ-1100 and Spaulding). Over 25% of the varieties/lines in this nursery had a test weight value of 55 lbs/bu or higher.
5. The two **hull-less, waxy barleys** included in the trial (WA9820-98 (WSU) and MERESSE (Westbred, LLC) had exceedingly high test weight values due to the kernel characteristic with no 'hull'. Test weight values for these varieties were equal at 60.6 lbs/bu and 60.6 lbs/bu, respectively.

#### **PULLMAN SPRING BARLEY**

1. 2006 Spring Barley **yield data** from the WSU Variety Testing nursery at the Pullman, WA location averaged 5290 lbs/ac that were **3.2% lower** than the 3-year average yield (5463 lbs/ac). *NOTE: This nursery was located, approximately 5 miles south of Pullman, WA on Spillman Agronomy Farm, Dept. of Crop and Soil Sciences, WSU.*
2. The nursery was **seeded** on 25 April 2006 on re-crop ground following spring (2005) peas.
3. **Average yield rankings** closely tracked with historical 3-yr and 5-yr yield rankings. Legacy, (Busch Ag), 6-row malting barley was one variety that did not track with historical yield rankings; however, this is probably due to a fairly high (50%) level of lodging in Legacy in the 2006 nursery. In general, there was not much lodging in this nursery; however, entries that exhibited substantial lodging also had some of the lower yields. Baronesse had yields that were statistically 'equal' to each of the higher yielding entries that ranked higher, however, some of these newer entries have consistently shown higher yields and test weight values than Baronesse in other spring barley nurseries in 2006.
4. **Test weight** average values were high at 52.6 lbs/bu; with a range among feed barley/malting-types of 49.2 (WA 15279-00)) to 55.8 lbs/bu (Boulder). Spaulding also had a test weight value that reached 55.0 lbs/bu.

### **REARDAN SPRING BARLEY**

1. 2006 Spring Barley **yield data** from the WSU Variety Testing nursery at the Reardan, WA location averaged 4534 lbs/ac that were **5% higher** than the 3-year average yield (4308 lbs/ac). *NOTE: This nursery was located, approximately 5 miles west of Reardan, WA on Janett Rd (H. Johnson farm).*
2. The nursery was **seeded** on 20 April 2006 on re-crop ground following a spring (2005) mustard crop. There was good soil moisture at seeding with the moisture level just one-inch below the soil surface. Germination and emergence was good and the stand was uniform.
3. **Average yield rankings** closely tracked with historical 3-yr and 5-yr yield rankings. The highest yielding line (YU-501-385D @ 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. Radiant (WSU) and Baronesse (Westbred, LLC) continue to perform well at this location. An experimental line from WSU, 02WNZ-1095, has also been showing high yields in the 2006 nurseries. In general, it appeared that earlier maturing varieties (heading date) seemed to have a yield and test weight advantage at this location in 2006. This is likely to be a function of capitalizing on the up-and-down weather patterns and avoiding some of the high temperature heat spikes during late June and July.
4. **Test weight** average values were good at 49.9 lbs/bu; with a range among feed barley-types of 46.0 (01NZ706) to 52.7 lbs/bu (Spaulding).

### **RITZVILLE SPRING BARLEY**

1. 2006 Spring Barley **yield data** from the WSU Variety Testing nursery at the Ritzville, WA location averaged 2005 lbs/ac. This nursery was seeded on 4 April 2006 with a No-till drill (cross-slot openers) on re-crop ground following spring barley. *NOTE: This nursery was located approximately 8 miles northwest of Ritzville, WA on Dewald Rd (R. Jirava farm)*
2. **Test weight** values averaged 48.0 lbs/bu; with a range among feed/malting barley-types of 44.9 to 50.7 lbs/bu.

### **ST JOHN SPRING BARLEY**

1. 2006 Spring Barley **yield data** from the WSU Variety Testing nursery at the St John, WA location averaged 4808 lbs/ac that were higher than the 3-year average yield by 9.8% (432 lbs/ac). This yield increase above historical yields is a function of excellent soil moisture at planting (26 April 2006) and above normal precipitation during end of May and first part of June that enhanced tiller production and development. *NOTE: This nursery was located, approximately 8 miles east of St John, WA on Ingram Rd (M. Mills's farm).*
2. A few newer varieties/experimental lines had **average yield rankings** higher than Baronesse; however, Baronesse continues to play a dominant role, especially from a statistical standpoint, because it was 'statistically-equal' to 28 of the 40 entries in the trial. Yield rankings bounced around a little bit in 2006 compared to the historical 3-yr and 5-yr historical rankings. Six-row varieties/lines (listed in italics in the data set) continued to be at the lower end of the yield rankings. This is fairly typical since 6-row types tend to produce few tillers and could have been more sensitive to the early May 2006 frost.
3. **Test weight** average values were good at 50.8 lbs/bu; with a range among feed barley-types of 47.0 (01NZ706) to 53.6 lbs/bu (Boulder) –heavy barley at this location.

TABLE XMC0652. STRIPE RUST INFECTION TYPE (IT) AND SEVRITY (%) AND LEAF RUST SEVERITY (%) ON CULTIVARS AND LINES IN THE SPRING BARLEY EXTENSION NURSERY (EXP52) AT SPILLMAN FARM (LOC01), PLANT PATH FARM (LOC02), AND WHITLOW FARM (LOC04) NEAR PULLMAN, MT VERNON (LOC05), WALLA WALLA (LOC06), AND LIND (LOC07), WA WHEN RECORDED AT THE INDICATED DATES AND STAGES OF PLANT GROWTH IN 2006 UNDER NATURAL INFECTION.

NOTE: 1) ONLY THE MT VERNON LOCATION HAD SEVERE STRIPE RUST FOR GOOD DATA. STRIPE RUST STARTED TOO LATE AND DEVELOPED TOO SLOW TO HAVE ADEQUATE DATA. THEREFORE, ENTRIES THAT WERE SUSCEPTIBLE (IT 8 ND SEVERITY OF 50% AND HIGHER SHOULD BE CONSIDERED SUSCEPTIBLE.

NOTE: 2) SUSCEPTIBILITY TO POWDERY MILDEW (PM) IS MARKED WITH "X" AND TO SCALD MARKED WITH PERCENTAGE OF SEVERITY. (X. CHEN, USDA/ARS, PULLMAN, WA, 2006).

CLASS	NAME	Stripe Rust												NOTE	
		LOC1		LOC2		LOC4		LOC5				LOC6		LOC7	
		Spillman Farm		Pl. Path Farm (WSU)		Whitlow Farm		Mt Vernon				Walla Walla		Lind	
		7/13		7/13		7/17		6/9		7/6		6/29		6/29	
		L. Milk		L. Milk		S. Dough		E. Boot		S. Dough		S. Dough		S. Dough	
		IT	%	IT	%	IT	%	IT	%	IT	%	IT	%	IT	%
2-row	BARONESSE	0	0	0	0	3	5	8	5	8	30	0	0	0	0
2-row	FARMINGTON	0	0	0	0	0	0	8	2	8	50	0	0	0	0
2-row	BOB	0	0	0	0	0	0	0	0	2	2	0	0	0	0
2-row	RADIANT	0	0	0	0	0	0	8	2	8	40	0	0	0	0
2-row	BOULDER	0	0	5	5	8	5	8	5	8	50	0	0	0	0
2-row	YU-501-385D	0	0	0	0	8	5	8	5	8	60	0	0	0	0
2-row	YU-501-385N	0	0	5	5	8	5	8	2	8	80	0	0	0	0
2-row	HE-8805	0	0	0	0	0	0	8	2	8	20	0	0	0	0
2-row	HARRINGTON	0	0	0	0	0	0	8	2	8	80	0	0	0	0
2-row	AC METCALFE	0	0	0	0	0	0	8	1	8	10	0	0	0	0
2-row	SPAULDING	0	0	0	0	8	5	8	5	8	90	8	5	0	0
2-row	BURTON	0	0	5	5	10	8	2	8	100	0	0	0	0	0
6-row	MOREX	8	30	0	0	0	0	8	2	8	100	0	0	0	X
6-row	LEGACY	0	0	8	1	8	5	2	2	8	100	0	0	0	X
2-row	01NZ111	0	0	0	0	0	0	8	2	8	20	0	0	0	0
6-row	01NZ392	0	0	0	0	0	0	8	5	8	100	0	0	0	0
6-row	01NZ706	0	0	0	0	0	0	8	5	8	100	0	0	0	0
6-row	01NZ384	0	0	0	0	0	0	8	5	8	100	0	0	0	X
6-row	01NZ338	0	0	0	0	0	0	8	10	8	100	0	0	8	5
2-row	03NZ199	0	0	0	0	5	10	2	2	8	10	0	0	0	0
2-row	03NZ885	0	0	0	0	0	0	8	2	8	30	0	0	0	20
2-row	WA 7330-00	0	0	0	0	8	5	8	2	8	50	0	0	0	20
2-row	WA 15279-00	0	0	0	0	0	0	8	2	8	70	0	0	0	30
2-row	WA 10701-99	0	0	0	0	0	0	8	5	8	100	0	0	0	10
2-row	02WA-7018.13	0	0	0	0	0	0	8	5	8	30	0	0	8	5
2-row	02WA-7047.24	0	0	0	0	0	0	8	2	8	70	0	0	0	50
2-row	02WA-7028.9	0	0	0	0	0	0	8	2	8	50	0	0	0	0
2-row	02WA-7029.7	0	0	0	0	0	0	8	5	8	5	0	0	0	20
2-row	02WA-7052.9	0	0	0	0	0	0	2	2	8	10	0	0	0	0
2-row	03WNZ-164	0	0	5	30	0	0	0	0	8	40	8	10	0	10
2-row	02WNZ-1015	0	0	0	0	0	0	8	5	8	30	0	0	0	10
2-row	02WNZ-1095	0	0	0	0	0	0	0	0	8	60	0	0	0	X 50
2-row	02WNZ-1100	0	0	0	0	0	0	5	2	8	80	0	0	0	30
2-row	03WNZ-249	0	0	0	0	0	0	8	2	8	20	0	0	0	0
2-row	03WNZ-262	0	0	0	0	0	0	8	2	2	2	0	0	0	10
2-row	03GNZ-716	0	0	0	0	0	0	8	2	8	80	0	0	0	30
2-row	03GNZ-722	0	0	0	0	0	0	8	5	8	80	0	0	0	20
2-row	03GNZ-834	0	0	0	0	0	0	8	2	8	70	0	0	0	20
2-row	WA 9820-98	0	0	0	0	0	0	8	0	8	5	0	0	0	0
2-row	MERESSE	0	0	0	0	0	0	8	2	8	100	0	0	0	0

**TABLE 44\_06YD.****2006 SPRING BARLEY VARIETY TRIAL SUMMARY****YIELD (LBS/A)**

VARIETY NAME (6-Row <i>In Italics</i> )	RITZVILLE	MAYVIEW	ANATONE	FAIRFIELD	REARDAN	DAYTON	ST. JOHN	ALMIRA	LAMONT	MOSES LAKE (irrigated)	PULLMAN	FARMINGTON	AVERAGE YIELD (LBS/A)
<b>YU-501-385D</b>	2500	3596	4016	5062	5645	5359	4943	5073	6157	6290	5995	6846	5123
<b>02WNZ-1095</b>	1976	2881	3769	4130	5191	5832	5855	5430	5485	5337	5769	5273	4744
<b>SPAULDING</b>	1789	3061	3735	3998	5478	5021	5337	5204	5487	6257	5377	6039	4732
<b>02WNZ-1015</b>	2397	3311	3484	3957	5186	5063	5186	5319	5243	5467	5530	5850	4666
<b>RADIANT</b>	1977	3433	3208	4072	5416	5260	4953	4860	5756	5057	5435	6062	4624
<b>02WA-7028.9</b>	2596	2936	3618	4142	4621	4926	5033	5392	5234	5313	5527	5921	4605
<b>02WNZ-1100</b>	1978	3204	3644	4226	4847	5218	4871	5142	4846	6437	6203	4562	4598
<b>HE-8805</b>	2280	3103	3032	3907	5343	4955	5276	5043	5316	5670	5757	5457	4595
<b>BOULDER</b>	2449	3260	3751	3841	4921	4914	4540	4618	4963	4935	6201	6354	4562
<b>BARONESSE</b>	1843	3279	3444	4701	5212	5250	5202	4972	5622	4420	5698	5048	4557
<b>02WA-7052.9</b>	1965	3177	3271	4491	4884	4905	5281	5306	4842	5040	5955	5495	4551
<b>03NZ199</b>	1588	3151	3082	4020	4557	4531	5151	4956	4949	6146	5554	6141	4485
<b>02WA-7018.13</b>	2234	3824	3293	4340	4637	4526	4837	4845	5006	5440	5492	5211	4474
<b>01NZ111</b>	2024	2999	3125	3500	4406	5175	4723	5032	5128	6471	5234	5861	4473
<b>FARMINGTON</b>	2006	2649	3166	2971	4836	5097	5343	4918	4735	6119	5326	6063	4436
<b>BOB</b>	2328	3416	3550	3704	4832	4687	4965	5279	5300	4864	4986	5271	4432
<b>03WNZ-262</b>	1653	2855	3564	4502	4662	4777	4188	5030	4984	5596	5769	5330	4409
<b>01NZ384</b>	2222	2823	3241	3284	4246	4923	4435	4650	5413	5337	5945	6012	4377
<b>WA 10701-99</b>	2178	3056	3308	3900	4411	5136	4858	5161	5324	4495	5288	5287	4367
<b>03WNZ-249</b>	2065	3096	3153	3333	4020	5153	5023	5149	5658	5190	5134	5274	4354
<b>03NZ885</b>	1787	3548	3129	3443	4991	4682	5381	4956	5358	4352	4904	5645	4348
<b>WA 7330-00</b>	2087	3378	3361	4266	4638	4757	4858	5034	4896	4075	5354	5438	4345
<b>BURTON</b>	2274	3172	3199	3454	4620	4245	5163	4703	5164	5052	4972	5822	4320
<b>02WA-7047.24</b>	2020	3453	3296	4452	4507	4322	4470	4839	4868	4406	5018	6095	4312
<b>WA 15279-00</b>	1859	2940	3173	3245	4665	5249	5096	5162	4663	4906	5106	5542	4300
<b>02WA-7029.7</b>	2078	3054	3291	3850	4506	5193	4756	4794	4581	4368	4922	5615	4250
<b>01NZ392</b>	2202	2729	2983	3570	4342	4614	3848	4378	4339	5338	5807	6234	4199
<b>03WNZ-164</b>	2021	2925	3199	2939	3721	4706	4478	4829	5136	4988	5360	5360	4139
<b>HARRINGTON</b>	1592	2793	3048	3301	4436	4285	5151	4697	4750	4902	4816	5569	4112
<b>03GNZ-722</b>	1811	2701	2884	3286	4103	4477	4369	4462	4823	5687	5351	5383	4111
<b>LEGACY</b>	1967	2819	3066	3119	3854	4487	4722	4708	5078	4845	4519	5947	4094
<b>AC METCALFE</b>	2103	2557	3147	3851	4570	4342	4770	4723	4614	3958	4704	5275	4051
<b>YU-501-385N</b>	1818	2497	2703	3322	4915	4751	4948	4918	5314	3903	4566	4726	4032
<b>01NZ338</b>	1990	2730	2909	2808	3962	4445	4720	4701	4707	4374	5590	5336	4023
<b>03GNZ-834</b>	1231	2647	3113	3652	3892	4891	4965	4639	4118	4764	4786	5366	4005
<b>01NZ706</b>	2400	2325	2692	3174	4192	5050	4264	4683	4492	4628	5466	4599	3997
<b>03GNZ-716</b>	1407	2867	2857	3623	3912	4594	4498	4605	4077	4372	4725	5620	3930
<b>WA 9820-98</b>	1539	2813	2672	3126	3694	4256	4272	4345	4528	5524	4370	4985	3844
<b>MOREX</b>	2330	2518	3182	3352	4075	3922	4135	4201	4721	3374	4586	4562	3746
<b>MERESSE</b>	1665	2523	3099	3416	2423	3464	3467	4001	3239	4293	4510	4306	3367
C.V.	15.7	11.3	7.7	16.6	7.1	9.9	10.7	6.2	7.7	18.9	7.8	9.9	11.3
LSD	427	460	338	841	438	645	698	407	522	1298	563	746	190
Average	2006	3002	3236	3733	4534	4786	4808	4869	4973	5050	5290	5519	4317
Highest	2596	3824	4016	5062	5645	5832	5855	5430	6157	6471	6203	6846	5123
Lowest	1231	2325	2672	2808	2423	3464	3467	4001	3239	3374	4370	4306	3367

**TABLE 44\_06TW.****2006 SPRING BARLEY VARIETY TRIAL SUMMARY****TEST WEIGHT (LBS/BU)**

VARIETY NAME <i>(6-Row in italics)</i>	ANATONE	RITZVILLE	MAYVIEW	FARMINGTON	REARDAN	LAMONT	ST. JOHN	DAYTON	ALMIRA	PULLMAN	FAIRFIELD	MOSES LAKE (irrigated)	AVERAGE TEST WEIGHT (LBS/BU)
<b>MERESSE</b>	59.9	55.4	59.9	59.1	55.3	59.9	60.2	62.6	61.3	61.4	61.2	60.6	59.7
<b>WA 9820-98</b>	55.2	55.0	58.2	58.0	59.4	59.4	59.3	59.2	61.0	59.5	59.2	60.6	58.7
<b>BOULDER</b>	50.5	48.3	52.0	52.6	52.3	52.5	53.6	54.5	54.2	55.8	55.3	55.3	53.1
<b>SPAULDING</b>	49.8	49.6	51.1	52.7	52.7	52.6	53.3	53.5	54.1	55.0	55.6	56.5	53.0
<b>YU-501-385D</b>	50.0	48.7	51.9	52.0	52.0	52.8	52.8	54.7	53.8	54.8	54.8	55.8	52.8
<b>01NZ111</b>	48.4	49.7	51.2	51.9	51.7	52.8	52.7	53.9	53.7	53.8	54.0	55.9	52.5
<b>02WA-7028.9</b>	48.6	50.7	50.6	50.4	49.6	51.1	51.2	52.7	53.7	54.2	54.1	55.1	51.8
<b>02WNZ-1095</b>	49.7	47.8	49.4	51.0	51.5	50.8	51.7	52.6	53.3	54.2	53.2	54.2	51.6
<b>02WA-7018.13</b>	49.2	48.8	51.0	50.6	50.7	50.7	51.7	51.9	53.3	53.5	52.2	55.5	51.6
<b>BOB</b>	48.0	47.9	50.4	50.1	50.8	51.0	51.7	52.1	53.4	52.6	53.8	55.3	51.4
<b>02WNZ-1100</b>	47.6	48.9	50.0	49.9	50.7	49.9	50.7	51.7	51.0	54.3	54.4	56.5	51.3
<b>BURTON</b>	46.3	47.5	49.3	50.9	50.2	50.3	51.3	51.9	52.7	52.9	52.7	55.0	50.9
<b>RADIANT</b>	45.0	46.8	50.0	49.7	50.5	50.9	51.3	51.7	52.7	52.9	52.5	56.0	50.8
<b>02WNZ-1015</b>	45.5	48.8	49.6	49.8	50.3	50.7	50.5	52.4	53.6	51.6	52.2	54.6	50.8
<b>02WA-7047.24</b>	48.0	46.6	49.6	49.7	50.5	50.8	50.7	52.6	52.1	52.1	51.6	54.9	50.8
<b>02WA-7052.9</b>	46.3	46.5	49.1	50.4	50.1	50.7	51.8	50.3	53.9	53.5	53.0	53.8	50.8
<b>03WNZ-164</b>	47.2	48.3	50.2	49.7	48.8	50.7	50.9	51.6	50.9	52.8	52.7	55.5	50.8
<b>03WNZ-249</b>	47.1	45.3	49.5	50.5	49.7	50.4	50.9	51.5	51.9	53.3	53.0	55.6	50.7
<b>AC METCALFE</b>	46.5	48.7	49.6	50.2	50.0	50.5	50.7	52.4	52.0	51.5	51.5	53.7	50.6
<b>BARONESSE</b>	45.1	44.9	49.8	49.9	50.0	50.7	51.3	51.9	52.1	52.0	53.5	54.4	50.5
<b>FARMINGTON</b>	46.7	49.7	48.1	48.6	49.4	50.6	50.2	52.3	50.9	51.8	51.6	55.8	50.5
<b>WA 10701-99</b>	45.2	49.4	50.1	49.2	50.7	50.7	51.1	51.4	52.9	50.2	52.2	53.3	50.5
<b>YU-501-385N</b>	44.7	46.6	48.9	49.7	50.0	50.6	51.3	51.7	52.7	52.4	52.7	54.3	50.5
<b>WA 7330-00</b>	45.7	47.2	49.8	49.7	49.7	49.6	50.8	51.0	51.9	52.4	53.3	53.9	50.4
<b>03WNZ-262</b>	45.2	46.2	48.7	48.9	49.6	50.2	50.1	50.9	50.9	52.1	52.4	54.7	50.0
<b>HARRINGTON</b>	44.6	47.9	49.2	48.5	49.1	50.2	50.5	51.4	50.0	50.5	51.9	54.9	49.9
<b>02WA-7029.7</b>	45.0	48.3	49.0	48.4	48.2	49.2	49.8	50.6	51.3	51.5	52.1	54.4	49.8
<b>03GNZ-834</b>	47.7	48.8	48.2	48.7	48.0	49.0	49.1	50.9	49.8	51.2	52.2	54.1	49.8
<b>HE-8805</b>	43.8	46.6	48.5	47.9	48.4	50.6	50.5	50.7	51.3	52.7	52.1	53.5	49.7
<b>MOREX</b>	45.5	47.7	48.8	49.2	48.7	49.7	48.9	51.1	49.0	50.9	50.8	52.5	49.4
<b>03GNZ-716</b>	45.4	47.7	48.7	48.4	47.9	49.1	49.1	49.2	50.5	50.9	51.9	53.7	49.4
<b>WA 15279-00</b>	44.9	45.5	48.8	48.4	48.8	48.8	49.5	50.4	51.8	49.2	50.8	54.6	49.3
<b>03NZ199</b>	44.8	47.0	48.2	48.2	47.8	49.2	49.2	49.9	48.5	52.4	52.5	54.1	49.3
<b>03GNZ-722</b>	46.1	47.4	48.2	48.3	48.7	49.1	49.2	49.6	49.7	50.1	51.0	54.0	49.3
<b>LEGACY</b>	43.2	48.9	47.8	47.8	47.9	49.1	47.9	49.2	49.8	51.6	51.8	54.7	49.1
<b>03NZ885</b>	43.3	45.2	48.7	48.6	49.5	49.4	48.7	49.9	49.4	49.6	49.7	53.3	48.8
<b>01NZ392</b>	42.3	46.3	46.3	47.7	47.3	48.2	47.4	48.5	49.3	51.1	49.3	52.5	48.0
<b>01NZ384</b>	44.3	47.2	46.7	46.2	46.5	48.2	47.3	48.7	50.2	50.1	50.1	51.0	48.0
<b>01NZ706</b>	42.6	46.4	46.5	46.8	46.0	46.3	47.0	49.3	49.6	50.1	49.9	51.3	47.7
<b>01NZ338</b>	43.0	46.3	46.1	46.0	46.2	47.6	47.1	48.9	48.7	50.5	49.1	50.7	47.5
C.V.	3.0	4.0	1.0	1.5	1.4	1.1	0.9	2.1	2.8	1.3	1.9	2.0	2.1
LSD	1.9	2.6	0.7	1.0	1.0	0.8	0.7	1.5	2.0	0.9	1.4	1.5	0.4
Average	46.7	48.0	49.7	49.9	49.9	50.6	50.8	51.8	52.1	52.6	52.7	54.7	50.8
Highest	59.9	55.4	59.9	59.1	59.4	59.9	60.2	62.6	61.3	61.4	61.2	60.6	59.7
Lowest	42.3	44.9	46.1	46.0	46.0	46.3	47.0	48.5	48.5	49.2	49.1	50.7	47.5

TABLE 44\_06PR.

## 2006 SPRING BARLEY VARIETY TRIAL

% Protein

VARIETY NAME <i>(6-Row in italics)</i>	ANATONE	MAYVIEW	FARMINGTON	REARDAN	LAMONT	ST. JOHN	DAYTON	ALMIRA	PULLMAN	FAIRFIELD	MOSES LAKE (irrigated)	AVERAGE %PROTEIN
MERESSE	16.9	13.8	16.0	18.0	18.5	13.2	11.5	15.7	13.6	12.2	13.4	14.8
<i>WA 9820-98</i>	16.3	14.7	14.2	14.8	15.8	11.9	12.1	13.2	10.9	12.4	12.1	13.5
FARMINGTON	14.8	13.5	13.6	14.0	15.3	12.2	12.9	12.7	12.1	13.3	12.1	13.3
<i>YU-501-385N</i>	16.3	13.4	12.7	13.8	15.1	10.6	13.2	12.7	12.0	12.6	13.2	13.2
BURTON	16.5	12.0	13.4	14.3	14.9	12.2	12.6	12.7	12.0	12.6	12.3	13.2
HARRINGTON	16.2	13.6	13.3	14.2	16.0	10.7	12.7	14.2	10.9	12.1	9.5	13.0
<i>03GNZ-722</i>	16.7	13.3	13.2	14.0	15.1	11.1	12.1	13.6	11.4	12.6	9.4	13.0
<i>03WNZ-164</i>	16.2	12.2	13.3	13.6	13.4	11.3	12.0	13.7	11.8	12.5	11.5	12.9
<i>01NZ338</i>	13.9	12.4	12.7	14.2	13.0	11.5	13.5	13.7	11.4	12.4	12.7	12.9
<i>WA 10701-99</i>	15.5	12.5	13.0	13.9	13.8	11.0	12.2	11.9	11.5	12.2	13.9	12.9
<i>01NZ111</i>	14.7	12.5	13.1	13.9	15.1	12.6	11.6	11.5	11.1	11.7	13.0	12.8
<i>02WA-7047.24</i>	14.7	12.1	13.6	14.2	15.1	10.5	11.3	13.2	12.0	11.7	12.4	12.8
AC METCALFE	14.8	13.1	14.4	14.3	15.1	11.3	10.4	12.5	11.8	10.9	12.2	12.8
<i>WA 15279-00</i>	15.3	12.7	13.5	14.1	14.7	11.3	12.0	12.7	11.6	12.2	10.7	12.8
<i>03GNZ-716</i>	13.8	13.1	14.0	14.2	15.3	12.2	11.3	11.5	12.0	10.5	12.8	12.8
<i>01NZ384</i>	14.2	12.4	12.3	13.7	13.7	11.8	11.2	12.6	11.4	13.0	13.8	12.7
<i>03NZ885</i>	13.6	12.2	13.5	13.2	14.2	11.4	12.2	14.1	11.4	11.9	12.3	12.7
<i>03WNZ-249</i>	16.1	12.2	13.5	14.3	14.1	11.2	12.4	12.4	11.5	12.3	10.0	12.7
<i>02WA-7029.7</i>	12.8	13.0	13.6	13.4	14.7	11.7	13.3	11.5	11.9	10.8	12.8	12.7
<i>03GNZ-834</i>	10.4	12.9	13.9	14.3	14.6	11.4	12.0	15.1	11.0	11.9	11.3	12.6
BOB	14.3	12.6	12.8	14.0	14.4	11.2	12.6	13.1	11.3	12.0	10.5	12.6
BOULDER	14.7	11.5	13.2	13.4	14.9	10.1	13.7	12.4	11.8	10.4	12.6	12.6
<i>01NZ706</i>	14.1	12.4	12.6	13.1	13.6	11.3	11.6	12.8	11.9	13.0	12.3	12.6
BARONESSE	16.4	11.6	13.4	13.4	14.7	10.4	12.9	11.1	11.8	9.2	13.3	12.6
<i>01NZ392</i>	14.1	11.8	12.7	14.2	14.4	11.1	13.4	12.2	11.2	10.1	12.7	12.5
<i>02WNZ-1015</i>	16.4	12.2	12.6	13.0	13.6	10.8	12.0	11.4	11.4	12.2	12.0	12.5
<i>03WNZ-262</i>	16.0	11.3	13.9	13.5	14.5	10.8	12.9	12	11.5	10.0	9.4	12.3
<i>02WA-7028.9</i>	14.8	11.4	12.9	13.5	14.3	11.0	12.2	11.9	11.9	10.3	11.4	12.3
HE-8805	16.7	10.7	13.4	12.9	14.1	9.9	12.8	11.3	11.3	11.3	11.0	12.3
<i>WA 7330-00</i>	14.6	11.2	13.7	13.6	14.1	9.7	12.2	12.2	11.7	10.3	12.0	12.3
MOREX	11.7	12.1	13.1	13.0	14.5	10.8	10.7	13.7	11.7	11.4	12.5	12.3
LEGACY	13.9	12.1	12.3	13.6	14.1	12.1	12.4	12.1	10.2	11.2	10.9	12.3
<i>02WNZ-1095</i>	12.5	12.5	13.0	13.8	13.1	11.5	12.3	11.7	11.1	10.7	11.5	12.2
<i>03NZ199</i>	14.2	11.9	12.8	12.7	14.0	11.4	12.4	10.3	10.7	11.3	9.8	12.0
<i>YU-501-385D</i>	14.0	10.5	13.2	12.9	13.6	9.7	11.6	12.1	11.7	10.6	11.1	11.9
<i>02WA-7052.9</i>	15.0	10.6	12.5	13.1	14.4	10.4	11.9	11	10.8	10.6	9.9	11.8
RADIANT	15.7	10.9	13.5	12.7	13.6	10.3	11.6	9.9	11.2	9.6	10.5	11.8
<i>02WA-7018.13</i>	13.1	11.0	14.2	13.0	14.0	10.9	9.6	11	10.8	10.3	10.7	11.7
<i>02WNZ-1100</i>	9.9	10.9	13.5	13.4	13.0	10.8	11.8	14.1	10.8	9.5	10.5	11.7
SPAULDING	12.1	11.0	12.1	12.1	13.1	10.8	11.4	11.5	10.8	9.9	10.7	11.4

TABLE 44-06PT.

## 2006 SPRING BARLEY VARIETY TRIAL

% Plumb % Thin<sup>1</sup>

VARIETY NAME (6-Row In Italics)		FARMINGTON												PULLMAN		FARMINGTON												% AVERAGE							
		ST. JOHN						LAMONT						MOSES LAKE						ALMIRA						PULLMAN		% AVERAGE							
		DAVTON			REARDAN			FARFIELD			ANATONE			RITZVILLE			MAYVIEW			ST. JOHN			LAMONT			MOSES LAKE			ALMIRA			PULLMAN		% AVERAGE	
		Plump	Thin	Plump	Thin	Plump	Thin	Plump	Thin	Plump	Thin	Plump	Thin	Plump	Thin	Plump	Thin	Plump	Thin	Plump	Thin	Plump	Thin	Plump	Thin	Plump	Thin	Plump	Thin						
<i>3GNZNZ-834</i>		86.0	87.0	85.4	3.7	85.4	4.1	90.0	3.0	98.4	0.4	84.6	5.3	93.6	2.6	66.4	14.1	86.0	5.5	88.0	3.0	88.0	5.0	95.0	2.0	90.0	5.5	87.5	4.0						
<i>3GNZNZ-716</i>		69.0	86.9	5.7	50.5	15.8	88.0	2.0	96.2	0.8	89.3	2.4	92.5	2.7	90.0	2.2	85.4	4.0	86.0	5.0	88.0	3.0	95.5	1.5	84.8	4.3	84.8	4.3							
<i>AC METCALFE</i>		81.0	4.0	88.2	3.1	30.1	29.3	69.0	2.0	97.8	0.7	93.0	1.7	95.2	1.3	91.4	2.6	91.0	3.0	80.0	6.0	94.7	2.0	87.7	5.5	87.7	5.5								
<i>202WNA-7047-24</i>		66.0	9.0	90.4	2.2	45.7	20.0	78.0	6.0	98.6	0.4	91.8	3.3	96.5	0.8	83.0	4.3	94.8	1.4	84.0	8.0	80.0	5.0	91.8	1.6	83.4	5.2								
<i>1N12384</i>		70.0	5.0	78.2	5.6	30.2	31.2	93.0	2.0	96.4	0.6	86.8	4.2	90.1	1.7	92.5	1.6	88.5	3.6	88.0	6.0	85.0	4.0	93.9	2.0	82.7	5.6								
<i>202WNA-807</i>		59.0	11.0	82.1	6.6	41.5	23.9	79.0	8.0	97.9	0.4	84.3	5.6	95.8	1.2	87.7	4.5	96.0	1.0	76.0	7.0	94.9	1.1	82.4	5.9										
<i>202WNA-7018-13</i>		61.0	10.0	82.6	3.9	33.9	25.5	73.0	6.0	96.3	0.9	87.9	3.0	89.8	2.5	89.9	2.2	88.6	4.1	98.0	1.0	85.0	4.0	89.7	3.0	81.2	5.5								
<i>BURTON</i>		67.0	6.0	81.2	4.4	21.6	32.0	81.0	5.0	96.4	0.9	80.8	7.0	91.9	1.7	91.9	1.2	81.8	2.6	95.0	2.0	77.0	6.0	96.4	0.8	81.0	5.8								
<i>202WNA-7029.7</i>		71.0	9.0	83.3	4.9	40.5	23.5	89.0	2.0	95.2	0.9	75.4	2.8	82.5	3.3	84.9	4.4	87.0	5.0	76.0	7.0	92.8	1.7	80.3	5.9										
<i>HARRINGTON</i>		82.0	5.0	83.9	4.7	31.9	28.4	86.0	4.0	95.4	1.0	60.9	16.9	93.2	1.8	68.7	8.9	92.0	2.5	98.0	1.0	76.0	8.0	93.5	1.8	82.0	7.1								
<i>SCOULDER</i>		48.0	16.0	80.3	6.3	26.4	39.7	89.0	3.0	96.2	1.0	86.1	5.4	92.1	2.2	92.7	1.5	85.4	4.3	90.0	4.0	85.0	5.0	90.1	2.7	80.1	7.6								
<i>33WNZNZ-164</i>		75.0	5.0	80.1	5.6	15.4	42.6	90.0	3.0	94.5	1.4	81.8	6.3	90.3	3.1	71.4	9.8	90.5	2.8	90.0	4.0	94.3	1.7	79.9	7.4	79.9	7.4								
<i>32WNZNZ-1015</i>		65.0	9.0	83.6	4.2	19.0	39.0	81.0	8.0	96.9	0.7	80.0	6.6	93.3	2.1	94.7	1.0	88.9	3.0	85.0	4.0	68.0	10.0	90.1	2.7	78.8	7.5								
<i>32WNZNZ-7052.9</i>		53.0	12.0	83.5	4.6	22.1	41.6	94.0	2.0	97.7	0.6	60.9	16.4	92.6	2.2	84.8	3.7	89.7	3.3	95.0	1.0	72.0	28.0	96.9	0.8	78.5	9.7								
<i>33GNZNZ-7722</i>		54.0	14.0	78.9	6.2	30.8	34.7	87.0	4.0	96.1	1.0	69.2	13.2	92.8	1.3	62.2	14.2	88.7	3.3	98.0	1.0	76.0	7.0	93.7	1.8	77.3	8.5								
<i>32WNZNZ-1100</i>		63.0	12.0	77.9	6.5	27.8	10.6	88.0	3.0	96.7	0.8	74.4	11.7	91.1	2.9	84.5	18.4	80.6	7.0	99.0	0.0	87.0	3.0	88.0	4.1	76.8	6.7								
<i>31N2338</i>		65.0	8.0	65.5	10.5	22.5	37.3	88.0	3.0	94.0	1.1	83.4	6.3	84.2	2.9	72.1	6.4	91.1	2.9	83.0	6.0	90.0	6.0	93.2	1.7	76.8	7.7								
<i>WA/15279/00</i>		60.0	9.0	81.3	2.5	25.9	33.7	81.0	7.0	97.1	0.4	74.9	8.3	88.5	2.6	85.1	3.8	80.8	6.6	94.0	2.0	62.0	13.0	90.6	2.6	76.8	7.7								
<i>32WNZNZ-7028.9</i>		54.0	12.0	75.7	5.4	14.1	45.3	89.0	2.0	90.9	2.7	65.9	12.1	88.9	2.9	91.2	0.9	82.1	5.3	98.0	0.0	71.0	9.0	91.6	2.2	76.0	8.3								
<i>33WNZN885</i>		69.0	7.0	77.1	8.1	39.9	25.4	80.0	3.0	94.2	1.3	74.1	8.9	88.0	3.2	55.6	12.8	83.9	5.0	80.0	8.0	88.2	3.2	75.8	7.9										
<i>31N27706</i>		58.0	13.0	64.2	10.6	11.7	55.6	86.0	3.0	94.7	0.8	83.6	3.7	82.8	3.6	83.7	2.7	81.5	6.7	89.0	3.0	76.0	6.0	93.7	1.9	75.4	9.2								
<i>SPAUFLING</i>		37.0	28.0	71.3	10.0	21.6	43.2	72.0	7.0	97.6	0.8	78.4	8.6	94.1	1.5	83.4	4.6	85.4	7.4	90.0	4.0	78.0	6.0	95.6	1.3	75.4	10.2								
<i>WA/10710-99</i>		52.0	15.0	81.2	6.2	18.1	50.7	68.0	11.0	97.7	0.5	82.2	5.4	91.3	2.3	93.6	1.3	86.6	4.5	82.0	7.0	60.0	15.0	89.5	3.6	75.2	9.8								
<i>WA/730-400</i>		62.0	12.0	73.6	6.7	21.6	40.5	82.0	5.0	94.9	1.2	74.2	10.2	88.2	2.7	79.9	4.6	86.0	5.0	70.0	11.0	84.2	4.3	74.6	9.2										
<i>WA/880-1035</i>		57.0	13.0	71.6	8.5	12.2	57.1	79.0	8.0	88.0	2.6	69.2	11.0	91.9	2.3	82.3	4.2	86.9	4.3	75.0	9.0	86.0	3.0	86.5	3.8	73.9	10.5								
<i>33WNZNZ-262</i>		35.0	23.0	79.6	6.2	18.5	41.6	93.0	2.0	97.3	0.6	47.4	25.6	89.1	3.1	64.9	14.9	86.6	4.1	97.0	1.0	84.0	4.0	93.8	1.7	73.9	10.7								
<i>33WNZNZ-249</i>		52.0	12.0	68.0	9.2	12.4	49.4	80.0	4.0	92.1	1.7	71.9	8.7	84.0	3.8	76.0	5.5	80.1	7.9	88.0	4.0	78.0	4.0	92.8	2.3	72.9	9.4								
<i>31N2141</i>		29.0	33.0	76.0	6.3	56.1	67.0	94.0	9.0	95.4	1.5	78.0	6.1	84.8	3.4	86.2	3.3	88.6	3.8	86.0	8.0	56.0	13.0	85.7	3.9	67.5	12.9								
<i>YL-501-385N</i>		37.0	23.0	69.5	7.2	17.9	38.1	76.0	6.0	94.5	1.3	68.5	11.8	79.3	4.9	56.6	11.5	87.7	3.5	97.0	1.0	68.0	9.0	90.8	1.6	69.7	10.5								
<i>32WNZN-1095</i>		37.0	22.0	59.9	14.1	24.3	30.1	94.5	1.2	62.8	13.0	95.2	4.6	82.3	4.6	87.9	2.4	72.7	4.4	80.1	7.6	94.0	1.0	56.0	19.0	79.2	8.0								
<i>LEGACY</i>		34.0	23.0	69.7	6.4	13.3	48.5	78.0	5.0	96.3	0.6	71.8	9.9	95.5	6.2	84.6	5.5	99.0	0.0	61.0	12.0	87.8	2.4	69.0	10.6										
<i>31N2392</i>		53.0	17.0	54.3	12.4	8.3	58.2	68.0	5.0	94.1	0.6	65.1	11.3	72.6	7.3	74.6	4.6	77.3	6.2	94.0	2.0	74.0	7.0	85.8	3.4	68.4	11.3								
<i>FARMINGTON</i>		21.0	35.0	70.6	10.8	10.1	49.7	62.0	17.0	94.7	0.9	66.3	12.2	83.1	3.1	91.5	1.7	79.0	6.5	92.0	2.0	51.0	13.0	88.3	3.3	67.5	12.9								
<i>32WNZN-101-385N</i>		31.0	30.0	69.5	7.2	17.9	38.1	76.0	6.0	94.5	1.3	63.8	14.9	88.7	3.2	87.2	2.4	85.6	5.2	92.0	3.0	70.0	11.0	87.7	3.6	61.2	12.8								
<i>RADIANT</i>		32.0	25.0	56.3	13.1	5.4	61.0	11.0	86.8	2.9	71.3	9.6	77.7	5.0	72.6	6.4	80.1	7.6	94.0	1.0	56.0	19.0	79.2	8.0	64.4	14.5									
<i>MOREX</i>		47.0	22.0	65.8	8.2	8.0	60.4	51.0	17.0	86.6	2.5	78.7	5.6	67.3	6.9	42.7	18.2	86.5	3.2	98.0	0.0	54.0	16.0	83.8	5.0	64.0	13.8								
<i>32WNZN-12199</i>		27.0	26.0	64.9	10.1	9.5	51.3	80.0	4.0	92.0	19.0	80.0	3.4	62.9	8.4	59.6	8.6	73.8	4.3	54.8	9.1	65.0	12.0	78.9	6.1	62.4	14.1								
<i>MERESSE</i>		6.0	43.0	55.7	10.1	11.7	41.5	40.0	19.0	80.0	4.0	92.0	19.0	80.0	3.4	62.9	8.4	59.6	8.6	73.8	4.3	54.8	9.1	55.3	14.4										
<i>WA 9820-98</i>		3.0	75.0	7.7	58.2	3.4	81.2	2.0	53.0	6.0	65.0	6.1	31.1	31.3	40.9	14.8	45.4	15.7	60.0	10.0	14.0	29.0	11.0	60.0	10.0	33.9	33.2								

Plump (kernels screened over 6/64 inch sieve); thin (kernels passing through a 5/64 inch sieve).

**2006 WSU EXTENSION SPRING BARLEY NURSERY AT ALMIRA, WA.****TABLE WA4462.**

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
02WNZ-1095			4619.3	5429.5	53.3	29.0	178.5
02WA-7028.9				5392.0	53.7	33.3	177.0
02WNZ-1015			4358.0	5319.0	53.6	26.3	179.0
02WA-7052.9				5306.0	53.9	28.7	179.0
BOB	3857.8	4211.3	4417.8	5279.0	53.4	31.7	177.5
SPAULDING			4367.3	5204.0	54.1	32.0	177.5
WA 15279-00		3848.5	4246.5	5161.5	51.8	31.0	179.0
WA 10701-99		3973.8	4169.3	5161.0	52.9	27.7	178.5
03WNZ-249				5148.5	51.9	31.3	179.5
02WNZ-1100			4397.0	5141.5	51.0	30.7	178.5
YU-501-385D				5072.5	53.8	33.3	177.5
HE-8805				5042.5	51.3	21.3	180.0
WA 7330-00		4013.5	4230.8	5034.0	51.9	30.0	179.0
01NZ111		3641.2	3841.5	5031.5	53.7	23.7	181.0
03WNZ-262				5030.0	50.9	29.0	179.0
BARONESSE	3828.3	4123.2	4277.8	4971.5	52.1	30.3	179.0
03NZ199				4956.0	48.5	24.0	181.5
03NZ885				4956.0	49.4	30.0	179.0
FARMINGTON	3377.1	3713.5	4057.0	4918.0	50.9	24.0	179.5
YU-501-385N				4918.0	52.7	34.0	178.5
RADIANT	3698.7	3993.0	4201.5	4859.5	52.7	29.0	180.0
02WA-7018.13				4844.5	53.3	29.3	178.0
02WA-7047.24				4838.5	52.1	30.7	180.0
03WNZ-164				4829.0	50.9	30.0	179.0
02WA-7029.7				4793.5	51.3	30.0	179.5
AC METCALFE		3713.0	3899.3	4723.0	52.0	33.3	178.0
LEGACY	3341.7	3523.2	3615.8	4708.0	49.8	34.7	176.0
BURTON			3994.5	4702.5	52.7	32.0	179.5
01NZ338		3452.0	3795.0	4700.5	48.7	34.3	179.5
HARRINGTON	3403.4	3866.8	4054.0	4696.5	50.0	32.0	179.0
01NZ706		3623.8	3988.3	4682.5	49.6	35.0	178.5
01NZ384			3812.0	4649.5	50.2	34.7	178.0
03GNZ-834				4639.0	49.8	31.3	179.5
BOULDER		4043.2	4157.5	4617.5	54.2	29.3	177.0
03GNZ-716				4605.0	50.5	30.3	180.5
03GNZ-722				4462.0	49.7	28.7	180.5
01NZ392		3555.3	3695.0	4378.0	49.3	34.0	178.0
WA 9820-98				4345.0	61.0	23.3	180.0
MOREX	3055.8	3321.7	3378.8	4200.5	49.0	38.7	174.0
MERESSE				4001.0	61.3	28.3	176.5
C.V. %	7.5	7.6	6.9	6.2	2.8	--	--
LSD '@ .10'	178.3	243.2	282.6	407.4	2.0	--	--
Average	3509.0	3788.6	4071.5	4868.7	52.1	30.3	178.7
Highest	3857.8	4211.3	4619.3	5429.5	61.3	38.7	181.5
Lowest	3055.8	3321.7	3378.8	4001.0	48.5	21.3	174.0

**2006 WSU EXTENSION SPRING BARLEY NURSERY AT ANATONE, WA.****TABLE WA4434.**

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	--			4016.0	50.0	33.3	170.5
02WNZ-1095	--		4381.5	3768.5	49.7	31.3	171.5
BOULDER	--	4495.3	4130.0	3750.5	50.5	32.3	170.0
SPAULDING	--		3980.3	3735.0	49.8	34.0	170.5
02WNZ-1100	--		4215.8	3643.5	47.6	31.3	171.5
02WA-7028.9	--			3618.0	48.6	33.7	170.0
03WNZ-262	--			3563.5	45.2	32.3	172.0
BOB	--	4208.3	3777.5	3549.5	48.0	34.0	170.5
02WNZ-1015	--		3793.5	3484.0	45.5	31.0	172.0
BARONESSE	--	4150.0	3688.0	3444.0	45.1	30.7	172.0
WA 7330-00	--	4172.8	3635.8	3360.5	45.7	30.7	172.0
WA 10701-99	--	4226.2	3780.8	3307.5	45.2	34.3	171.5
02WA-7047.24	--			3296.0	48.0	32.3	173.0
02WA-7018.13	--			3292.5	49.2	30.3	171.0
02WA-7029.7	--			3291.0	45.0	31.7	172.5
02WA-7052.9	--			3271.0	46.3	29.7	172.0
01NZ384	--		3583.8	3240.5	44.3	35.3	171.0
RADIANT	--	4116.0	3769.5	3207.5	45.0	31.0	173.0
BURTON	--		3716.8	3199.0	46.3	33.0	172.5
03WNZ-164	--			3199.0	47.2	31.7	172.0
MOREX	--	3343.7	3415.0	3181.5	45.5	39.3	167.0
WA 15279-00	--	4170.3	3869.5	3173.0	44.9	31.3	172.0
FARMINGTON	--	3913.2	3238.8	3166.0	46.7	28.3	172.5
03WNZ-249	--			3152.5	47.1	31.0	172.5
AC METCALFE	--	3847.8	3603.5	3147.0	46.5	32.3	171.0
03NZ885	--			3128.5	43.3	29.7	172.0
01NZ111	--	4078.8	3444.3	3125.0	48.4	23.7	174.0
03GNZ-834	--			3113.0	47.7	29.3	172.5
MERESSE	--			3099.0	59.9	29.7	169.5
03NZ199	--			3081.5	44.8	27.0	174.5
LEGACY	--	3743.0	3354.5	3065.5	43.2	35.7	169.0
HARRINGTON	--	3809.8	3516.8	3048.0	44.6	32.3	172.0
HE-8805	--			3031.5	43.8	26.3	173.0
01NZ392	--	3777.2	3288.3	2983.0	42.3	35.3	171.0
01NZ338	--	3430.8	3245.3	2908.5	43.0	35.0	172.5
03GNZ-722	--			2884.0	46.1	30.7	173.5
03GNZ-716	--			2857.0	45.4	32.0	173.5
YU-501-385N	--			2702.5	44.7	33.7	171.5
01NZ706	--	3898.0	3405.5	2692.0	42.6	34.7	171.5
WA 9820-98	--			2672.0	55.2	23.3	173.0
C.V. %	--	10.9	9.2	7.7	3.0	--	--
LSD '@ .10'	--	320.2	310.0	338.4	1.9	--	--
Average	--	3961.3	3674.3	3236.2	46.7	31.6	171.7
Highest	--	4495.3	4381.5	4016.0	59.9	39.3	174.5
Lowest	--	3343.7	3238.8	2672.0	42.3	23.3	167.0

**2006 WSU EXTENSION SPRING BARLEY NURSERY AT DAYTON, WA.****TABLE WA4416.**

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
02WNZ-1095			3959.0	5831.5	52.6	29.7	163.5
YU-501-385D				5359.0	54.7	27.3	162.5
RADIANT	4429.8	4582.0	3670.3	5260.0	51.7	30.7	165.0
BARONESSE	4542.7	4562.0	3717.8	5250.0	51.9	27.3	164.0
WA 15279-00		4658.5	3594.0	5249.0	50.4	28.0	164.0
02WNZ-1100			3767.5	5217.5	51.7	27.0	163.5
02WA-7029.7				5192.5	50.6	28.3	164.5
01NZ111		4925.8	3902.8	5175.0	53.9	26.0	166.0
03WNZ-249				5152.5	51.5	26.7	164.5
WA 10701-99		4404.0	3397.3	5136.0	51.4	31.0	163.5
FARMINGTON	4412.0	4696.0	3719.0	5097.0	52.3	25.7	164.5
02WNZ-1015			3642.5	5062.5	52.4	27.0	164.0
01NZ706		4534.3	3328.8	5050.0	49.3	33.3	163.5
SPAULDING			3163.3	5021.0	53.5	28.0	162.5
HE-8805				4954.5	50.7	27.7	165.0
02WA-7028.9				4926.0	52.7	28.7	162.0
01NZ384			3441.5	4923.0	48.7	31.0	163.0
BOULDER		4457.5	3487.3	4913.5	54.5	28.7	162.0
02WA-7052.9				4905.0	50.3	26.0	164.0
03GNZ-834				4890.5	50.9	29.3	164.5
03WNZ-262				4776.5	50.9	27.3	164.0
WA 7330-00		4476.3	3548.8	4757.0	51.0	27.0	164.0
YU-501-385N				4751.0	51.7	33.3	163.5
03WNZ-164				4705.5	51.6	25.7	164.0
BOB	4117.2	4100.5	3204.5	4686.5	52.1	29.7	162.5
03NZ885				4682.0	49.9	27.0	164.0
01NZ392		4350.8	3276.5	4614.0	48.5	33.7	163.0
03GNZ-716				4593.5	49.2	29.3	165.5
03NZ199				4531.0	49.9	25.7	166.5
02WA-7018.13				4525.5	51.9	27.7	163.0
LEGACY	3909.8	4007.3	2854.5	4486.5	49.2	33.3	161.0
03GNZ-722				4476.5	49.6	28.7	165.5
01NZ338		4309.2	3029.0	4445.0	48.9	29.7	164.5
AC METCALFE		3967.7	2929.5	4342.0	52.4	32.0	163.0
02WA-7047.24				4322.0	52.6	28.0	165.0
HARRINGTON	3957.4	4088.8	3082.0	4284.5	51.4	30.7	164.0
WA 9820-98				4256.0	59.2	25.0	165.0
BURTON			3163.0	4244.5	51.9	29.0	164.5
MOREX	3312.3	3469.7	2627.8	3922.0	51.1	36.7	159.0
MERESSE				3464.0	62.6	26.0	161.5
C.V. %	8.7	9.5	10.6	9.9	2.1	--	--
LSD '@ .10'	219.8	319.4	381.9	644.5	1.5	--	--
Average	4097.3	4349.4	3386.6	4785.8	51.8	28.8	163.7
Highest	4542.7	4925.8	3959.0	5831.5	62.6	36.7	166.5
Lowest	3312.3	3469.7	2627.8	3464.0	48.5	25.0	159.0

**2006 WSU EXTENSION SPRING BARLEY NURSERY AT FAIRFIELD, WA.****TABLE WA4433.**

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
YU-501-385D				5062.0	54.8	--
BARONESSE	4704.0	4742.0	4475.4	4700.8	53.5	--
03WNZ-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	--
02WNZ-1100			4009.2	4225.6	54.4	--
02WA-7028.9				4142.4	54.1	--
02WNZ-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	--
02WNZ-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	--
03WNZ-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	--
03WNZ-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	--

**2006 WSU EXTENSION SPRING BARLEY NURSERY AT FARMINGTON, WA.****TABLE WA4439.**

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				6845.5	52.0	39.3	181.5
BOULDER		6171.8	5442.0	6353.5	52.6	38.7	181.0
01NZ392		6374.3	5760.3	6234.0	47.7	40.0	182.0
03NZ199				6141.0	48.2	31.7	185.5
02WA-7047.24				6095.0	49.7	41.0	184.0
FARMINGTON	5942.1	6183.0	5364.8	6062.5	48.6	32.7	183.5
RADIANT	5410.4	5960.5	5347.0	6062.0	49.7	35.3	184.0
SPAULDING			4804.3	6039.0	52.7	38.0	181.5
01NZ384			5460.0	6012.0	46.2	44.3	182.0
LEGACY	5351.2	5515.5	5276.0	5947.0	47.8	44.0	180.0
02WA-7028.9				5920.5	50.4	40.0	181.0
01NZ111		5744.9	5210.1	5860.8	51.9	30.3	185.0
02WNZ-1015			4998.5	5849.5	49.8	37.0	183.0
BURTON			5265.3	5822.0	50.9	43.3	183.5
03NZ885				5644.5	48.6	36.7	183.0
03GNZ-716				5619.5	48.4	39.0	184.5
02WA-7029.7				5614.5	48.4	34.3	183.5
HARRINGTON	5276.1	5634.0	5157.8	5569.0	48.5	40.7	183.0
WA 15279-00		5850.3	4978.5	5541.5	48.4	37.3	183.0
02WA-7052.9				5494.5	50.4	37.3	183.0
HE-8805				5457.0	47.9	32.7	184.0
WA 7330-00		5854.2	5009.5	5438.0	49.7	38.0	183.0
03GNZ-722				5383.0	48.3	38.7	184.5
03GNZ-834				5365.5	48.7	36.3	183.5
03WNZ-164				5360.0	49.7	37.3	183.0
01NZ338		5592.3	4694.0	5336.0	46.0	39.3	183.5
03WNZ-262				5330.3	48.9	33.7	183.0
WA 10701-99		5552.2	5033.0	5286.5	49.2	37.7	182.5
AC METCALFE		5407.5	4764.3	5275.0	50.2	40.0	182.0
03WNZ-249				5273.5	50.5	36.7	183.5
02WNZ-1095			4097.0	5273.0	51.0	34.3	182.5
BOB	5143.6	5204.2	4347.5	5271.0	50.1	41.0	181.5
02WA-7018.13				5210.5	50.6	38.3	182.0
BARONESSE	5122.0	5252.0	4438.0	5047.5	49.9	38.0	183.0
WA 9820-98				4985.0	58.0	33.3	184.0
YU-501-385N				4726.3	49.7	40.0	182.5
01NZ706		5509.2	4583.6	4599.1	46.8	36.3	182.5
MOREX	4424.8	4584.8	4123.3	4562.0	49.2	45.3	178.0
02WNZ-1100			4117.0	4562.0	49.9	32.7	182.5
MERESSE				4305.5	59.1	34.7	180.5
C.V. %	11.8	12.3	14.7	9.9	1.5	--	--
LSD '@ .10'	379.2	523.0	713.4	746.3	1.0	--	--
Average	5238.6	5649.4	4921.4	5519.4	49.9	37.6	182.7
Highest	5942.1	6374.3	5760.3	6845.5	59.1	45.3	185.5
Lowest	4424.8	4584.8	4097.0	4305.5	46.0	30.3	178.0

**2006 WSU EXTENSION SPRING BARLEY NURSERY AT LAMONT, WA.****TABLE WA4419.**

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				6156.5	52.8	31.0	163.0
RADIANT	4012.2	4842.7	5980.5	5755.5	50.9	29.7	164.0
03WNZ-249				5658.0	50.4	29.3	163.5
BARONESSE	4097.8	4822.3	5790.3	5622.0	50.7	28.7	163.0
SPAULDING			5174.5	5487.0	52.6	31.0	163.0
02WNZ-1095			5510.3	5484.5	50.8	31.0	163.0
01NZ384			4797.3	5413.0	48.2	33.7	163.0
03NZ885				5358.0	49.4	28.7	165.0
WA 10701-99		4305.7	5273.0	5323.5	50.7	32.0	164.5
HE-8805				5316.0	50.6	28.3	166.0
YU-501-385N				5313.5	50.6	34.7	163.0
BOB	3865.6	4470.8	5573.5	5300.0	51.0	30.3	163.0
02WNZ-1015			5123.0	5243.0	50.7	29.0	164.0
02WA-7028.9				5234.0	51.1	30.0	163.0
BURTON			5270.3	5163.5	50.3	30.7	164.0
03WNZ-164				5136.0	50.7	28.7	163.5
01NZ111		3774.8	4708.3	5128.0	52.8	28.0	166.0
LEGACY	3206.9	3754.3	4499.0	5078.0	49.1	35.7	160.5
02WA-7018.13				5005.5	50.7	29.3	161.5
03WNZ-262				4984.0	50.2	28.3	163.5
BOULDER		4027.3	4793.8	4962.5	52.5	29.0	163.0
03NZ199				4948.5	49.2	26.0	167.0
WA 7330-00		4021.5	4978.8	4895.5	49.6	27.7	162.5
02WA-7047.24				4867.5	50.8	30.0	164.5
02WNZ-1100			4994.3	4845.5	49.9	29.3	163.0
02WA-7052.9				4842.0	50.7	28.0	164.0
03GNZ-722				4823.0	49.1	31.3	165.5
HARRINGTON	3195.0	3831.3	4589.5	4749.5	50.2	32.7	164.0
FARMINGTON	3521.4	4024.7	4842.5	4735.0	50.6	28.0	165.5
MOREX	2759.6	3276.5	4123.5	4721.0	49.7	38.0	160.0
01NZ338		3735.5	4867.3	4707.0	47.6	34.3	165.0
WA 15279-00		4144.5	4867.3	4663.0	48.8	29.0	164.0
AC METCALFE		3705.0	4749.0	4614.0	50.5	34.0	163.0
02WA-7029.7				4580.5	49.2	28.7	163.5
WA 9820-98				4527.5	59.4	27.7	165.5
01NZ706		3643.2	4600.8	4492.0	46.3	35.7	163.0
01NZ392		3595.3	4451.3	4339.0	48.2	34.0	163.5
03GNZ-834				4118.0	49.0	29.0	165.0
03GNZ-716				4076.5	49.1	32.3	166.0
MERESSE				3239.0	59.9	27.7	163.0
C.V. %	9.9	11.0	10.9	7.7	1.1	--	--
LSD '@ .10'	239.0	375.8	514.7	522.2	0.8	--	--
Average	3522.6	3998.5	4979.9	4972.7	50.6	30.5	163.8
Highest	4097.8	4842.7	5980.5	6156.5	59.9	38.0	167.0
Lowest	2759.6	3276.5	4123.5	3239.0	46.3	26.0	160.0

**2006 WSU EXTENSION SPRING BARLEY NURSERY AT MAYVIEW, WA.****TABLE WA4446.**

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
02WA-7018.13				3824.0	51.0	24.7	178.0
YU-501-385D				3595.5	51.9	26.0	177.5
03NZ885				3547.5	48.7	22.7	179.0
02WA-7047.24				3452.5	49.6	25.3	180.0
RADIANT	3570.7	3683.3	3147.0	3432.5	50.0	24.7	180.0
BOB	3419.8	3289.8	2933.0	3416.0	50.4	25.7	177.5
WA 7330-00		3313.3	3010.0	3377.5	49.8	24.7	179.0
02WNZ-1015			2986.5	3310.5	49.6	23.3	179.0
BARONESSE	3692.8	3587.3	3034.5	3278.5	49.8	24.3	179.0
BOULDER		3419.7	2912.5	3260.0	52.0	25.7	177.0
02WNZ-1100			2946.5	3203.5	50.0	24.3	178.5
02WA-7052.9				3177.0	49.1	22.0	179.0
BURTON			2903.8	3171.5	49.3	23.7	179.5
03NZ199				3150.5	48.2	22.0	181.5
HE-8805				3102.5	48.5	22.0	180.0
03WNZ-249				3096.0	49.5	23.3	179.5
SPAULDING			2830.3	3061.0	51.1	25.3	177.5
WA 10701-99		3039.2	2762.8	3056.0	50.1	26.0	178.5
02WA-7029.7				3053.5	49.0	24.3	179.5
01NZ111		3440.0	2835.3	2998.5	51.2	22.7	181.0
WA 15279-00		3257.0	2806.3	2940.0	48.8	23.3	179.0
02WA-7028.9				2936.0	50.6	26.7	177.0
03WNZ-164				2925.0	50.2	24.7	179.0
02WNZ-1095			2946.5	2880.5	49.4	25.0	178.5
03GNZ-716				2866.5	48.7	24.7	180.5
03WNZ-262				2855.0	48.7	22.3	179.0
01NZ384			2611.3	2822.5	46.7	26.0	178.0
LEGACY	2928.5	2828.3	2533.8	2819.0	47.8	29.3	176.0
WA 9820-98				2812.5	58.2	22.7	180.0
HARRINGTON	3267.2	3052.0	2741.8	2793.0	49.2	24.0	179.0
01NZ338		2694.8	2303.5	2730.0	46.1	24.3	179.5
01NZ392		2866.3	2576.3	2729.0	46.3	25.3	178.0
03GNZ-722				2700.5	48.2	25.7	180.5
FARMINGTON	3471.3	3217.5	2660.0	2648.5	48.1	21.7	179.5
03GNZ-834				2647.0	48.2	24.0	179.5
AC METCALFE		2850.8	2480.8	2556.5	49.6	25.7	178.0
MERESSE				2522.5	59.9	22.7	176.5
MOREX	2433.1	2281.5	2085.5	2517.5	48.8	31.0	174.0
YU-501-385N				2496.5	48.9	23.3	178.5
01NZ706		2705.2	2293.5	2325.0	46.5	23.3	178.5
C.V. %	8.6	9.2	10.9	11.3	1.0	--	--
LSD '@ .10'	162.3	217.7	294.3	459.8	0.7	--	--
Average	3254.8	3095.4	2742.8	3002.2	49.7	24.5	178.7
Highest	3692.8	3683.3	3147.0	3824.0	59.9	31.0	181.5
Lowest	2433.1	2281.5	2085.5	2325.0	46.1	21.7	174.0

**2006 WSU EXTENSION SPRING BARLEY NURSERY AT MOSES LAKE, WA.**

**TABLE WA4461.**

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	LODGING (%)			
01NZ111	--	--	5881.4	6470.8	55.9	--	--	3.3
02WNZ-1100	--	--	5919.6	6437.2	56.5	--	--	18.0
YU-501-385D	--	--		6289.9	55.8	--	--	39.3
SPAULDING	--	--	5714.7	6256.6	56.5	--	--	26.7
03NZ199	--	--		6146.0	54.1	--	--	5.0
FARMINGTON	--	--	5955.4	6118.8	55.8	--	--	1.0
03GNZ-722	--	--		5687.3	54.0	--	--	38.0
HE-8805	--	--		5669.6	53.5	--	--	41.7
03WNZ-262	--	--		5596.0	54.7	--	--	40.3
WA 9820-98	--	--		5523.6	60.6	--	--	33.3
02WNZ-1015	--	--	5603.3	5466.5	54.6	--	--	59.7
02WA-7018.13	--	--		5440.0	55.5	--	--	29.3
01NZ392	--	--	4882.6	5338.0	52.5	--	--	37.3
01NZ384	--	--	5228.5	5337.4	51.0	--	--	65.0
02WNZ-1095	--	--	5569.4	5337.2	54.2	--	--	75.0
02WA-7028.9	--	--		5313.4	55.1	--	--	58.3
03WNZ-249	--	--		5190.4	55.6	--	--	23.3
RADIANT	--	--	5703.4	5057.2	56.0	--	--	47.7
BURTON	--	--	5389.2	5052.0	55.0	--	--	33.3
02WA-7052.9	--	--		5039.6	53.8	--	--	75.0
03WNZ-164	--	--		4988.0	55.5	--	--	10.3
BOULDER	--	--	5139.8	4934.5	55.3	--	--	86.0
WA 15279-00	--	--	5547.4	4905.5	54.6	--	--	35.0
HARRINGTON	--	--	5054.0	4902.4	54.9	--	--	60.0
BOB	--	--	5491.2	4863.6	55.3	--	--	43.7
LEGACY	--	--	4780.0	4845.2	54.7	--	--	3.7
03GNZ-834	--	--		4764.0	54.1	--	--	63.3
01NZ706	--	--	4732.0	4628.4	51.3	--	--	33.3
WA 10701-99	--	--	4983.0	4494.8	53.3	--	--	63.3
BARONESSE	--	--	5259.2	4419.6	54.4	--	--	78.0
02WA-7047.24	--	--		4406.0	54.9	--	--	21.7
01NZ338	--	--	4501.6	4374.0	50.7	--	--	75.0
03GNZ-716	--	--		4371.6	53.7	--	--	80.0
02WA-7029.7	--	--		4368.0	54.4	--	--	76.7
03NZ885	--	--		4352.4	53.3	--	--	77.3
MERESSE	--	--		4293.2	60.6	--	--	22.7
WA 7330-00	--	--	5137.0	4075.2	53.9	--	--	73.3
AC METCALFE	--	--	4771.6	3957.9	53.7	--	--	90.7
YU-501-385N	--	--		3903.2	54.3	--	--	77.7
MOREX	--	--	3578.2	3373.6	52.5	--	--	19.7
C.V. %	--	--	15.0	18.9	2.0	--	--	64.2
LSD '@ .10'	--	--	739.4	1298.4	1.5	--	--	40.2
Average	--	--	5219.2	5049.7	54.7	--	--	46.1
Highest	--	--	5955.4	6470.8	60.6	--	--	90.7
Lowest	--	--	3578.2	3373.6	50.7	--	--	1.0

**2006 WSU EXTENSION SPRING BARLEY NURSERY AT PULLMAN, WA.****TABLE WA4402.**

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	LODGING (%)
02WNZ-1100			5675.8	6203.2	54.3	--	176.0	0.0
BOULDER		6010.7	5540.2	6200.8	55.8	--	177.0	0.0
YU-501-385D			5995.2	54.8	--	175.0	6.0	
02WA-7052.9			5954.8	53.5	--	176.0	6.0	
01NZ384			5651.8	5944.8	50.1	--	175.0	21.7
01NZ392		6241.9	5606.4	5807.2	51.1	--	175.0	3.3
03WNZ-262			5769.2	52.1	--	176.0	0.3	
02WNZ-1095			5114.2	5768.8	54.2	--	177.0	0.0
HE-8805			5756.8	52.7	--	180.0	0.0	
BARONESSE	5441.5	5684.5	4921.4	5697.6	52.0	--	178.0	13.3
01NZ338		5906.1	5291.2	5590.4	50.5	--	176.0	0.0
03NZ199			5554.0	52.4	--	179.0	0.0	
02WNZ-1015			5254.6	5530.4	51.6	--	177.0	22.0
02WA-7028.9			5526.8	54.2	--	177.0	1.0	
02WA-7018.13			5492.4	53.5	--	176.0	2.3	
01NZ706		5825.3	4959.6	5466.4	50.1	--	176.0	18.0
RADIANT	5207.7	5272.7	4613.0	5435.2	52.9	--	178.0	19.3
SPAULDING			4866.6	5376.8	55.0	--	176.0	0.0
03WNZ-164			5360.0	52.8	--	177.0	0.3	
WA 7330-00		5365.3	4842.8	5354.0	52.4	--	178.0	21.7
03GNZ-722			5350.8	50.1	--	178.0	0.0	
FARMINGTON	5238.6	5504.9	4974.2	5325.6	51.8	--	179.0	0.0
WA 10701-99		5467.9	4752.8	5288.4	50.2	--	178.0	24.0
01NZ111		5692.8	4923.0	5234.4	53.8	--	180.0	0.0
03WNZ-249			5133.6	53.3	--	178.0	0.7	
WA 15279-00		5329.9	4568.4	5106.0	49.2	--	176.0	10.3
02WA-7047.24			5018.0	52.1	--	178.0	0.3	
BOB	5111.1	5272.1	4833.8	4985.6	52.6	--	177.0	13.7
BURTON			4685.8	4971.6	52.9	--	177.0	3.7
02WA-7029.7			4922.0	51.5	--	178.0	0.0	
03NZ885			4904.4	49.6	--	178.0	15.7	
HARRINGTON	4930.5	4970.3	4194.8	4816.4	50.5	--	179.0	2.0
03GNZ-834			4786.4	51.2	--	176.0	0.0	
03GNZ-716			4724.8	50.9	--	179.0	0.3	
AC METCALFE		4973.2	4155.4	4704.0	51.5	--	177.0	6.3
MOREX	4511.1	4763.9	4404.8	4586.4	50.9	--	168.0	70.0
YU-501-385N			4566.4	52.4	--	178.0	36.3	
LEGACY	4922.0	5132.9	4348.8	4519.2	51.6	--	175.0	50.0
MERESSE			4510.4	61.4	--	175.0	0.0	
WA 9820-98			4370.0	59.5	--	179.0	9.3	
C.V. %	6.0	6.3	6.8	7.8	1.3	--	--	111.9
LSD '@ .10'	190.6	263.1	325.1	563.2	0.9	--	--	14.4
Average	5051.8	5463.4	4917.2	5290.2	52.6	--	177.0	9.5
Highest	5441.5	6241.9	5675.8	6203.2	61.4	--	180.0	70.0
Lowest	4511.1	4763.9	4155.4	4370.0	49.2	--	168.0	0.0

**2006 WSU EXTENSION SPRING BARLEY NURSERY AT REARDAN, WA.****TABLE WA4431.**

Variety Name	5 YEAR AVERAGE	3 YEAR AVERAGE	2 YEAR AVERAGE	2006			
	(LBS/A)	(LBS/A)	(LBS/A)	YIELD (LBS/A)	TEST WT. (LBS/BU)	PLANT HT	HEAD DATE
YU-501-385D				5644.8	52.0	38.3	176.5
SPAULDING			4869.2	5477.6	52.7	37.3	178.0
RADIANT	4359.9	4811.6	4766.2	5415.6	50.5	37.3	179.0
HE-8805				5343.2	48.4	31.3	182.0
BARONESSE	4494.5	4751.3	4633.2	5212.4	50.0	37.7	178.5
02WNZ-1095			4747.6	5190.8	51.5	37.3	179.5
02WNZ-1015			4789.0	5186.4	50.3	34.7	179.5
03NZ885				4990.8	49.5	35.3	179.0
BOULDER		4456.1	4477.2	4921.2	52.3	37.3	178.5
YU-501-385N				4915.2	50.0	45.0	177.0
02WA-7052.9				4884.0	50.1	34.0	180.5
02WNZ-1100			4502.0	4846.8	50.7	34.7	179.5
FARMINGTON	4196.7	4432.3	4316.8	4835.6	49.4	30.7	182.0
BOB	4188.5	4570.3	4491.0	4831.6	50.8	38.0	177.0
WA 15279-00		4548.1	4411.2	4664.8	48.8	36.7	180.0
03WNZ-262				4662.4	49.6	35.3	179.5
WA 7330-00		4292.0	4287.4	4638.4	49.7	37.0	178.5
02WA-7018.13				4637.2	50.7	38.0	178.0
02WA-7028.9				4620.8	49.6	37.3	179.0
BURTON			4312.4	4620.0	50.2	39.7	178.5
AC METCALFE		4347.2	4203.4	4569.6	50.0	39.0	180.5
03NZ199				4557.2	47.8	29.7	183.5
02WA-7047.24				4507.2	50.5	38.0	180.5
02WA-7029.7				4506.0	48.2	35.7	180.5
HARRINGTON	3958.4	4258.7	4221.8	4435.6	49.1	38.0	179.0
WA 10701-99		4322.3	4193.8	4411.2	50.7	38.3	179.5
01NZ111		4420.4	4093.8	4406.0	51.7	30.3	183.5
01NZ392		4088.3	3920.0	4341.6	47.3	40.0	180.0
01NZ384			4192.6	4245.6	46.5	40.0	180.5
01NZ706		4140.7	3952.0	4192.0	46.0	37.7	181.5
03GNZ-722				4103.2	48.7	35.3	181.5
MOREX	3408.8	3539.7	3667.2	4075.2	48.7	45.7	177.5
03WNZ-249				4020.4	49.7	35.0	180.5
01NZ338		3936.0	3809.8	3962.0	46.2	38.3	181.5
03GNZ-716				3912.0	47.9	37.7	182.0
03GNZ-834				3892.0	48.0	34.7	182.0
LEGACY	3875.5	4014.7	3758.4	3854.4	47.9	42.7	179.0
03WNZ-164				3721.2	48.8	36.0	181.0
WA 9820-98				3694.4	59.4	31.0	182.5
MERESSE				2422.8	55.3	31.7	177.5
C.V. %	7.3	6.6	6.4	7.1	1.4	--	--
LSD '@ .10'	185.0	224.4	265.9	437.7	1.0	--	--
Average	4068.9	4308.1	4300.7	4534.2	49.9	36.7	179.9
Highest	4494.5	4811.6	4869.2	5644.8	59.4	45.7	183.5
Lowest	3408.8	3539.7	3667.2	2422.8	46.0	29.7	176.5

**2006 WSU EXTENSION SPRING BARLEY NURSERY AT RITZVILLE, WA.****TABLE WA4417.**

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	LODGING (%)			
02WA-7028.9	--	--	--	2596.4	50.7	--	165.5	0.0
YU-501-385D	--	--	--	2499.6	48.7	--	166.0	0.0
BOULDER	--	--	--	2449.2	48.3	--	162.5	0.0
01NZ706	--	--	--	2399.6	46.4	--	164.5	0.0
02WNZ-1015	--	--	--	2396.8	48.8	--	165.5	0.0
MOREX	--	--	--	2330.4	47.7	--	163.0	6.7
BOB	--	--	--	2328.4	47.9	--	166.0	0.0
HE-8805	--	--	--	2279.6	46.6	--	169.0	0.0
BURTON	--	--	--	2273.6	47.5	--	167.0	0.0
02WA-7018.13	--	--	--	2234.0	48.8	--	165.0	0.0
01NZ384	--	--	--	2222.4	47.2	--	165.0	0.0
01NZ392	--	--	--	2202.4	46.3	--	165.0	0.0
WA 10701-99	--	--	--	2178.0	49.4	--	166.5	0.0
AC METCALFE	--	--	--	2102.8	48.7	--	164.5	0.0
WA 7330-00	--	--	--	2086.8	47.2	--	166.5	0.0
02WA-7029.7	--	--	--	2078.4	48.3	--	167.5	0.0
03WNZ-249	--	--	--	2065.2	45.3	--	167.5	0.0
01NZ111	--	--	--	2023.6	49.7	--	167.5	0.0
03WNZ-164	--	--	--	2021.2	48.3	--	166.0	0.0
02WA-7047.24	--	--	--	2019.6	46.6	--	169.5	0.0
FARMINGTON	--	--	--	2006.0	49.7	--	167.0	0.0
01NZ338	--	--	--	1990.0	46.3	--	168.0	0.0
02WNZ-1100	--	--	--	1978.4	48.9	--	166.0	0.0
RADIANT	--	--	--	1977.2	46.8	--	167.0	0.0
02WNZ-1095	--	--	--	1976.0	47.8	--	166.0	0.0
LEGACY	--	--	--	1966.8	48.9	--	162.5	1.0
02WA-7052.9	--	--	--	1965.2	46.5	--	168.5	0.0
WA 15279-00	--	--	--	1858.8	45.5	--	168.0	0.0
BARONESSE	--	--	--	1842.8	44.9	--	167.0	0.0
YU-501-385N	--	--	--	1818.0	46.6	--	163.5	0.0
03GNZ-722	--	--	--	1811.2	47.4	--	168.5	0.0
SPAULDING	--	--	--	1788.8	49.6	--	166.0	0.0
03NZ885	--	--	--	1787.2	45.2	--	168.0	0.0
MERESSE	--	--	--	1665.2	55.4	--	166.5	0.0
03WNZ-262	--	--	--	1653.2	46.2	--	167.0	0.0
HARRINGTON	--	--	--	1591.6	47.9	--	167.5	0.0
03NZ199	--	--	--	1588.4	47.0	--	168.0	0.0
WA 9820-98	--	--	--	1539.2	55.0	--	168.0	0.0
03GNZ-716	--	--	--	1407.2	47.7	--	169.0	0.0
03GNZ-834	--	--	--	1230.8	48.8	--	169.0	0.0
C.V.%	--	--	--	15.7	4.0	--	646.7	
LSD '@ .10'	--	--	--	426.8	2.6	--	1.7	
Average	--	--	--	2005.8	48.0	--	166.5	0.2
Highest	--	--	--	2596.4	55.4	--	169.5	6.7
Lowest	--	--	--	1230.8	44.9	--	162.5	0.0

**2006 WSU EXTENSION SPRING BARLEY NURSERY AT ST. JOHN, WA.****TABLE WA4428.**

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
02WNZ-1095			5436.0	5854.5	51.7	31.0	174.5
03NZ885				5380.5	48.7	29.3	175.0
FARMINGTON	4287.4	4663.5	4553.5	5342.5	50.2	26.0	175.5
SPAULDING			4431.5	5337.0	53.3	30.0	173.5
02WA-7052.9				5281.0	51.8	28.7	175.0
HE-8805				5275.5	50.5	24.7	176.0
BARONESSE	4519.7	4826.5	4708.0	5201.5	51.3	28.3	175.0
02WNZ-1015			4704.0	5185.5	50.5	27.0	175.0
BURTON			4807.8	5162.5	51.3	32.3	175.5
HARRINGTON	3977.4	4132.3	4119.5	5151.0	50.5	30.0	175.0
03NZ199				5151.0	49.2	24.3	177.5
WA 15279-00		4916.0	5064.8	5095.5	49.5	29.3	175.0
02WA-7028.9				5033.0	51.2	32.7	173.0
03WNZ-249				5022.5	50.9	28.3	175.5
BOB	4541.9	4741.3	4740.0	4964.5	51.7	30.3	173.5
03GNZ-834				4964.5	49.1	30.0	175.5
RADIANT	4479.0	4798.3	4598.8	4953.0	51.3	28.0	176.0
YU-501-385N				4947.5	51.3	33.0	174.5
YU-501-385D				4943.0	52.8	30.3	173.5
02WNZ-1100			4662.3	4871.0	50.7	29.0	174.5
WA 7330-00		4648.8	4639.5	4858.0	50.8	28.0	175.0
WA 10701-99		4666.3	4598.0	4857.5	51.1	29.3	174.5
02WA-7018.13				4837.0	51.7	31.0	174.0
AC METCALFE		4106.5	4050.5	4769.5	50.7	32.3	174.0
02WA-7029.7				4755.5	49.8	29.7	175.5
01NZ111		4668.2	4503.3	4723.0	52.7	25.3	177.0
LEGACY	3853.9	3920.2	3842.3	4722.0	47.9	35.3	172.0
01NZ338		4252.2	4119.0	4719.5	47.1	31.3	175.5
BOULDER		4249.5	4153.5	4539.5	53.6	31.3	173.0
03GNZ-716				4498.0	49.1	29.7	176.5
03WNZ-164				4478.0	50.9	29.3	175.0
02WA-7047.24				4469.5	50.7	30.3	176.0
01NZ384			4218.3	4434.5	47.3	31.3	174.0
03GNZ-722				4369.0	49.2	29.0	176.5
WA 9820-98				4272.0	59.3	26.0	176.0
01NZ706		4113.7	4031.0	4264.0	47.0	32.3	174.5
03WNZ-262				4188.0	50.1	28.7	175.0
MOREX	3200.7	3262.5	3841.3	4134.5	48.9	37.3	170.0
01NZ392		4053.2	3753.5	3848.0	47.4	31.0	174.0
MERESSE				3466.5	60.2	27.7	172.5
C.V. %	9.4	10.9	11.9	10.7	0.9	--	--
LSD '@ .10'	249.0	381.8	512.5	698.0	0.7	--	--
Average	4122.9	4376.2	4435.3	4808.0	50.8	29.7	174.7
Highest	4541.9	4916.0	5436.0	5854.5	60.2	37.3	177.5
Lowest	3200.7	3262.5	3753.5	3466.5	47.0	24.3	170.0