RESULTS AND DISCUSSION

2006 is a year that we feel it important to look at historical yield and quality data included in the Variety Testing Data sets when evaluating variety performance. The 3-year historical averages have provided a fairly accurate 'snapshot' over years for variety performance at a given location. The 2006 crop year was a unique year associated with such elements as: winter cold snap in 2006, drought conditions in the early spring with no precipitation from mid-April to mid-May, above average precipitation in May 2006, cool, moist conditions throughout early June 2006, and high temperature heat spikes lasting for a week in duration in late June and mid- July. All of these conditions contributed to a wide array of stop-and-go growth patterns in both winter and spring cereals and influenced the way a specific variety performed in 2006 compared to historical trends. The following sections provide discussion and data sets for each of the nursery types evaluated in the 2006 WSU Extension Uniform Cereal Variety Testing Program trials.

2006 SOFT WHITE WINTER WHEAT

OVERVIEW: Fall 2005 planting conditions were poor due to dry seed bed conditions until late season precipitation that started in late September and early October 2006 provided enough moisture to seed. Areas such as Connell, WA that are normally seeded during late August or early September with split packer drills, (HZ openers), delayed seeding until mid-October 2006 and were seeded with double disc drills because of the moisture patterns. A mild winter coupled with above average precipitation in January 2006 caused good stand emergence and wheat development. The above average precipitation actually caused concerns of nitrogen movement too deep in the soil profile and being unavailable for early spring use by winter wheat plants. In general, this deep movement of fertilizer did not seem to have a negative impact on wheat yields. The 3-day cold snap on February 17-19, 2006 caused winter damage wheat in some areas but was not very widespread as noted in early spring growth ratings (Table 4106GWTH). Drought/heat stress from mid-April to mid-May is considered to have reduced some yield potential, especially for early season re-growth varieties by preventing early crown root and associated tiller growth and development due to dry soil conditions in the upper soil profile. Excellent precipitation and cool weather in late May and early June helped compensate for the previous 30-day dry spell and actually provided enough soil moisture in the soil profile to enhance the test weight quality. The severe heat stress periods in both June and July (temperatures exceeding 100°F for extended periods of time) literally stopped growth and restricted late season growth and development of wheat plants at some locations. In comparison to the previous year, Stripe rust was not a significant issue in any of the 2006 white winter wheat entries (Table XMC0602(A)).

Listed below are summary evaluations for soft white winter wheat at eighteen (18) Soft White Winter Wheat nurseries in the 2006 Variety Testing Program. Three (3) locations are not listed in the 2006 data set (Lind, St Andrews and Walla Walla) since field variation (CV %) in these nurseries was outside the limits for providing accurate performance evaluations among the varieties/experimental lines. A majority of information from these three locations is available in the 2005 Variety Testing Data set on the web site (http://variety.wsu.edu). Most of the locations listed are within the vicinity of the towns listed; however, Mayview is a location in Garfield County approximately 25 NE of Pomeroy, WA. The soft white winter nurseries included 54 varieties/experimental lines in 2006. **Twelve (12**) of the entries were soft white **winter clubs** and are listed in italics in the summary sheets. Included in the soft white winter common entries were **seven (7) IMI varieties/lines** that exhibit tolerance to the Imidazolinone class of herbicide (Clearfield® technology): ID990435, ID990419, Idaho 587, ORCF-101, ORCF-102, BZ6WM02-

1020 and BZ6WM02-1154. These varieties were included to provide performance comparisons under uniformly equal conditions with all other varieties in the trials. Because of this, no varieties were sprayed with Beyond® herbicide.

Average yield across all 18 locations in 2006 was104.8 bu/ac that is nearly identical to 105.7 bu/ac in 2005 and slightly higher than 102.8 bu/ac in 2004. It appears that the 2006 crop year will go into the history books as a year when it was difficult to find substantial differences among many varieties/experimental lines. Average **test weight** value across all locations was 59.3 lb/bu reflecting late May precipitation and June rainfall patterns coupled with cool weather that was favorable to kernel development and fill. **Percent grain protein** had an average of 11.0% that was probably elevated on average by the heat stress periods during kernel fill.

ALMIRA SOFT WHITE WINTER WHEAT

1. 2006 Soft White Winter Wheat **yield data** from the WSU Variety Testing nursery at the Almira, WA location averaged 137.2 bu/ac that was nearly 20\%% higher than the 3-year historical average (114.4 bu/ac). *NOTE: The Almira nursery was located 10 miles north of Almira, WA on Sorensen Rd (D. McKay farm).*
2. This nursery was **seeded early** on 7 September 2005 on summer fallow ground using a plot drill with hoe openers into soil moisture that was about 3-inches below the surface. This nursery had good emergence that resulted in a very even and uniform stand with fairly large wheat (6-8 inches tall) going into the winter.
3. **Stripe rust** was not a significant factor in the 2006 soft white winter wheat nursery at Almira.
4. This nursery survived the hits from the up-and-down weather patterns during the **2005-2006 growing season**. Exceptions were ORN010920 and WA00799 that suffered considerable cold injury during the 17-19 Feb 2006 cold snap. Yield averages for these two lines were also at the low end of the yield data. In addition, even though snow mold was barely noticeable in this nursery, land history at the Almira location has shown low levels of snow mold that reduce the yield capacity of susceptible varieties. This is apparent with ORCF-101 that is extremely susceptible to snow mold and was one of the lower yielding varieties in the trials. A March 2006 field evaluation showed very low spring regrowth in ORCF-101 that is attributed to a low level incidence of snow mold. The late season precipitation and cooler weather during kernel development seemed to enhance test weight values for many varieties.
5. **Yield average rankings** tracked closely with historical 2-yr and 3-yr averages. The highest yielding line was an experimental line from WSU (WA00793) that has an Eltan x Estica pedigree. Fourteen of the highest yielding varieties were statistically equal in this nursery and half of these varieties have Eltan in their pedigree. The balance of varieties/experimental lines has average yields that are very comparable with little 'statistical' difference except for those that were affected by winter injury.
6. Average **test weight** value was 60.5 lbs/bu and over 75% of the varieties/experimental lines exceeded 60.0 lbs/bu test weight. Late May and June rainfall patterns coupled with cool weather were obviously very favorable to kernel development and fill. **Percent grain protein** average was 9.9%.

ANATONE SOFT WHITE WINTER WHEAT

1. 2006 Soft White Winter Wheat **yield data** from the WSU Variety Testing nursery at the Anatone location averaged 87.6 bu/ac that was about 10% lower than the 3-year average at this location (96.3 bu/ac). *NOTE: The Anatone nursery was located about 8 miles south of Anatone, WA (J. Johnson farm).*
2. This nursery was **seeded** on 6 October 2005 on summer fallow ground using a plot drill with double disc openers into good soil moisture that was about 1/2-inch below the surface. This

nursery endured some pretty harsh winter conditions and had fairly slow spring regrowth. An April 2006 field evaluation showed plants that were only about 2-inches tall.

3. **Stripe rust** was not a factor in the 2006 nursery; however, ***Cephalosporium* stripe** was fairly prevalent during a 22 June 2006 field evaluation. Incidence of *Cephalosporium* stripe varied throughout the nursery and within plots of individual varieties. This location has a history of *Cephalosporium* stripe that is aggravated by wheat summer fallow rotations with reduced tillage systems in an area that suffers from harsh cold winter climatic conditions.
4. **Yield differences** among the varieties had a range of 65.3 to 102.0 bu/ac; however, the majority of varieties/experimental lines had yields that were grouped very closely together and statistically equal. In contrast to other soft white winter wheat nurseries harvested many of the yield rankings (high-to-low) do not track as well with the historic 3yr or 5-yr yield rankings. A 'best guess' is that the winter wheat stand went into the dry/hot 30-day period from mid-April to mid-May and idled along without any significant tiller development or growth. Cooler temperatures and precipitation at the end of May into the first of June enabled the plants to cover and yield within 10% of the historic 3-year yield average. Many of the varieties/experimental lines grouped in the top of the yields have Madsen as part of a pedigree and many others have Eltan as part of a pedigree. A high percentage of varieties/experimental lines in the bottom of the yield column are winter clubs – this is more difficult to explain (in fact we have no explanation at this point in time).
5. Average **test weight** values had a range of 55.8 to 61.3 lb/bu with a **percent grain protein** range of 9.7% to 11.6%. Causes of extremely low test weight values in some of varieties/lines might be partially explained by *Cephalosporium* stripe (such as Stephens); however, more than likely it is a function of heat stress during grain fill that seemed to vary among varieties.

BICKLETON SOFT WHITE WINTER WHEAT

1. 2006 Soft White Winter Wheat **yield data** from the WSU Variety Testing nursery at the Bickleton, WA location averaged 55.4 bu/ac. *NOTE: The nursery was located about 5 miles east of Bickleton, WA on Glade Rd (S. Matsen farm).*
2. This nursery was **seeded** on 13 October 2005 on chem-fallow ground with a no-till (cross-slot) drill. The soil moisture level at planting was 3-inches below the soil surface. Fall precipitation supported good germination and emergence and the wheat was in good shape going into the winter. Most varieties/experimental lines handled the 17-19 February 2006 cold snap with little visible injury. Two exceptions noted on a 6 April 2006 field evaluation were WA007999 and ORSS1757 that exhibited winter injury symptoms and poor spring re-growth.
3. There are no historical yield rankings at this location since during the previous two years the winter wheat stand was too erratic for accurate yield evaluations in a direct seed, annual cropping planting system. Chem fallow ground this year (2006) provided what appear to be fairly consistent **yield comparisons** among varieties/experimental lines for this location. However, like in the majority of other WSU Variety Testing soft white winter wheat nurseries in 2006, there yields of the majority of varieties/experimental lines are very closely grouped together. At the Bickleton location, the top 29 entries out of 54 were 'statistically' equal in yield. This trend of close grouping of varieties seems to be a function of the ups & downs in the 2005-2006 growing season.
4. **Average test weight** value was 56.8 lbs/bu that reflect heat/drought stress during kernel development and fill. Associated with low test weight values were fairly high **percent grain protein** that averaged of 12.5%.

COLTON SOFT WHITE WINTER WHEAT

1. 2006 Soft White Winter Wheat **yield data** from the WSU Variety Testing nursery at the Colton location averaged 111.6 bu/ac that was about 13% lower than the 3-year average at this location (125.5 bu/ac). *NOTE: The Colton nursery was located about 10 miles northeast of Colton, WA on Niehenke Rd near the Idaho border (Norb and Kent Niehenke farm).*
2. This nursery was **seeded** on 14 October 2005 on fallow ground using a plot drill with double disc openers into moisture that was 1-2-inches below the surface.
3. This nursery was not impacted by the mid-February 2006 cold snap and an 18 April 2006 field evaluation showed strong early spring regrowth in nearly all varieties.
4. **Yield differences** among the varieties had a range of 90.2 bu/ac to 130.3 bu/ac; however, like in many 2006 nurseries, a majority of varieties/experimental lines had yields that were grouped very closely together and statistically equal. Variety rankings tracked very closely with 2-year and 3-year ranking trends. A notable exception in deviation from the 3-yr and 5-yr yield ranking trend was Rod that was near the middle of the yield pack in the 2006 nursery. It also appears that some of the higher yielding varieties/experimental lines had slightly earlier maturity (heading dates). These varieties/experimental lines may have gained their yield advantage in 2006 capitalizing on earlier spring regrowth and ability to stay ahead of the wide swings in temperature and moisture during spring 2006.
5. Average **test weight** values were 59.5 lbs/bu and Percent **grain protein** averaged 11.1%.

CONNELL SOFT WHITE WINTER WHEAT

1. 2006 SOFT WHITE WINTER Wheat **yield data** from the WSU Variety Testing nursery at the Connell location averaged 68.2 bu/ac. *NOTE: The Connell nursery was located 5 miles east of Connell on Blackburn Rd (D. Bauermeister farm).*
2. This nursery was **seeded late** on 12 October 2005 on summer fallow ground using a plot drill with double disc openers. The late 2005 seeding was a result of dry August/September 2005 soil moisture levels where sub-surface moisture was well below the depth of seeding for even deep furrow (split packer drills). Precipitation during the first week of October 2005 provided enough surface moisture that double disc openers were able to place seed into moisture. Depth to soil moisture at seeding was 1/2-inch depth on October 12th. This nursery had even emergence and withstood the mid-February 2006 cold snap with little problem. One experimental line (ORH010920) did sustain some visible cold injury during the February 2006 cold snap.
3. **Stripe rust** was not a factor in the 2006 nursery even though traces of stripe rust could be observed on susceptible varieties.
4. **Yield differences** among many of the varieties were very slight. There appears to be somewhat of a trend that shows **later maturing (later heading dates) varieties with higher yield averages** at this location. This could be explained in part by the extreme dry weather pattern from mid-April (following Easter) to mid May where there was no precipitation and at the end of this period (16-19 May 2006) temperatures soared into the 90's. A field evaluation on 11 May 2006 showed the soil was completely dry to the 6-inch level and a probe could not penetrate any deeper. Roots and crowns were sitting in this extremely dry soil zone. Earlier/faster growing varieties were probably more negatively impacted by this weather/moisture pattern.
5. Average **test weight** values (60.9 lb/bu) were good at this location, undoubtedly influenced by above average, late May/early June precipitation during critical periods of grain fill.
6. **Percent grain protein** had a range of 10.5%-13.3%

CRESTON SOFT WHITE WINTER WHEAT

1. 2006 Soft White Winter Wheat **yield data** from the WSU Variety Testing nursery at the Creston, WA location averaged 109.0 bu/ac that was 6.8% higher than the 3-year historical average (102.0 bu/ac). *NOTE: The Creston nursery was located in Lincoln County approximately 12 miles northeast of Wilbur, WA on Fraser Rd.*
2. This nursery was **seeded fairly early** on 6 September 2005 on re-crop ground following spring wheat into soil moisture that was about 2-inches below the surface. It is worth noting that the Creston winter wheat nursery is normally planted on fallow ground making the 2006 winter wheat yields especially noteworthy since they were raised on recrop ground. A field evaluation about 2-weeks after planting (21 Sept 2005) showed good emergence and a very even and uniform stand going into the winter.
3. This nursery appeared to handle to 17-19 Feb 2006 cold snap with little to no winter injury on any variety/experimental lines and also withstood the dry/heat stress periods from mid-April to mid-May. The only notable exception was ORH01920 that showed considerable winter injury during a March 2006 observation and was also the lowest yield line in the nursery.
4. **Average yield rankings** bounced around a little more when comparing with 3-yr and 5-yr averages than in other nurseries and average yields were very closely grouped. In fact, the top 33 varieties/experimental lines out of the 54 total in the nursery were statistically equal (within 11.8 bushels of each other).
5. Average **test weight** value was 59.1 lbs/bu and **percent grain protein** average was 10.5%.

DAYTON SOFT WHITE WINTER WHEAT

1. 2006 Soft White Winter Wheat **yield data** from the WSU Variety Testing nursery at the Dayton location averaged 129.6 bu/ac that was over 13% higher than the 3-year average at this location (114.4 bu/ac). *NOTE: The Dayton nursery was located on Kellogg Rd off Whetstone Rd about 12 miles northwest of Dayton, WA (J. Penner farm).*
2. This nursery was **seeded** on 29 September 2005 on fallow ground using a plot drill with double disc openers into quite a bit of stubble residue with soil moisture that was fairly deep, about 4-5-inches below the surface. Precipitation after seeding into the first week of October 2005 significantly enhanced germination and emergence.
3. This nursery was not impacted by the mid-February 2006 cold snap and a 14 Mar 2006 field evaluation showed fairly strong early spring regrowth in nearly all varieties. Stripe rust was not a factor in this nursery but there were slight incidences of **physiologic leaf spot** in susceptible varieties.
4. **Yield differences** among the varieties had a range of 106 bu/ac to 150.4 bu/ac; however, many of varieties/experimental lines had yields that were grouped very closely together and statistically equal. In contrast to other soft white winter wheat nurseries harvested to date, this nursery seemed to handle the dry/heat stress period from mid-April to mid-May. This may have been a function of the heavy residue load on the soil surface that helped retain sub-surface moisture. Variety rankings tracked very closely with 2-year and 3-year ranking trends. The top six highest yielding varieties in the 2006 nursery were statistically 'equal' in yield and each of them had Madsen as part of their parentage. It also appears that some of the higher yielding varieties/experimental lines had slightly earlier maturity (heading dates). These varieties/experimental lines may have gained their yield advantage in 2006 capitalizing on earlier spring regrowth and ability to stay ahead of the wide swings in temperature and moisture during spring 2006.
5. Average **test weight** values were 59.8 lb/bu with nearly half of the varieties/experimental lines above 60 lbs/bu. **Percent grain protein** averaged 10.7%.

DUSTY SOFT WHITE WINTER WHEAT

1. 2006 Soft White Winter Wheat **yield data** from the WSU Variety Testing nursery at the Dusty, WA location averaged 76.4 bu/ac that was about **18.5% lower** than the 3-year average at this location. *NOTE: The Dusty nursery was located 8 miles west of Dusty, WA off SR26 and Mud Flat Rd (C. Fleming farm).*
2. Part of the reason for the lower than average yield at this location was a function of dry September seeding conditions that resulted in this nursery being **planted later than normal** on 14 October 2005 on summer fallow ground. The nursery was seeded into good soil moisture that was about 1-2-inches below the surface. This nursery had excellent emergence that resulted in a very even and uniform stand, however, plants were fairly small going into the winter.
3. **Stripe rust** was not a factor in the 2006 nursery.
4. **Yield differences** among the varieties had a range of 60.8 bu/ac to 91.8 bu/ac; however, many varieties/experimental lines had yields that were grouped very closely together and statistically equal. The mid-February 2006 cold snap did not appear to cause much injury; however, the plants exhibited delayed spring regrowth compared to previous years and did not have as well a developed root/crown system in the early spring. Because of this it is speculated that all varieties took kind of a yield hit from the drought/heat stress conditions from mid-April to mid-May before cooler temperatures and precipitation occurred at the end of May into the first of June. Late season precipitation and cooler weather during kernel development seemed to enhance test weight values for all varieties however.
5. Average **test weight** values averaged 59.5 lb/bu with a **percent grain protein** range of 10.1% to 11.9%. Part of the reason for the elevated protein values could be explained by fertilizing for yields higher than were attained.

FAIRFIELD SOFT WHITE WINTER WHEAT

1. 2006 Soft White Winter Wheat **yield data** from the WSU Variety Testing nursery at the Fairfield, WA location averaged 117.8 bu/ac that was slightly above the 3-year historical average (115.3 bu/ac). *NOTE: The nursery was located about 5 miles northeast of Fairfield, WA on Marsh Rd (A. Anderberg farm).*
2. This nursery was **seeded** on 28 September 2005 on re-crop following lentils into fairly dry soil – moisture level was 5-6 inches below the soil surface. Late September/early October precipitation supported good germination and emergence and the wheat has in good shape going into the winter. In fact, volunteer lentils were extremely 'healthy' throughout the winter until the 17-19 February 2006 cold snap that finally knocked them out.
3. **Average yield rankings** of the highest yielding varieties bounced a round considerably compared to the 3-yr historical averages at this location. This nursery had excellent spring regrowth on all varieties based on an April 2006 field evaluation. However, variety differences at this location seem virtually impossible to explain. Very simply, it appears that all varieties basically 'ran-out-of-gas' about the same time with very little differences among large groups of varieties. Drought/heat stresses from mid-April to mid-May, end of June and in July probably were major contributors to the growth swings winter wheat in this nursery had to deal with. With this nursery in particular, it is important to look at historical yield averages rather than the 2006 numbers since there were so few 'statistical' differences among varieties.
4. **Quality** was good with an average **test weight** value was 59.4 lbs/bu and **percent grain protein** averaged of 9.1%.

FARMINGTON SOFT WHITE WINTER WHEAT

1. 2006 Soft White Winter Wheat **yield data** from the WSU Variety Testing nursery at the Farmington, WA location averaged 131.6 bu/ac that was slightly above the 3-year historical average (128.7 bu/ac). *NOTE: The nursery was located about 2 miles south of Farmington, WA on the Farmington/Garfield Rd (B. Nelson farm).*
2. This nursery was **seeded** on 7 October 2005 on ground following dry seed peas with a no-till drill (cross-slot openers). Late September/early October precipitation provided a nice seed bed with moisture on the soil surface. This nursery had good emergence and a very even, uniform stand going into the winter and sustained no winter injury from the 17-19 February 2006 cold snap.
3. **Average yield rankings** of the highest yielding varieties bounced a round a little compared to the 3-yr historical averages. As in many other nurseries, this is a year where it is difficult to find much separation among varieties since average yields are grouped so closely together. 30% of the highest yielding varieties were statistically 'equal' in the Farmington nursery in 2006. It does appear that varieties with earlier spring regrowth/maturity seemed to have higher yield potentials suggesting that they were better able to handle the drought/heat stress from mid-April to mid-May. Lodging is always a problem at this location with weaker stemmed varieties and varieties in the nursery that had a fairly high level of lodging also had some of the lower yields (Lewjain, Eltan, George and Edwin would fall into this category).
4. Average **test weight** value was 58.9 lbs/bu and **percent grain protein** averaged 12.0%. A majority of varieties with the lowest test weight were also varieties that had later maturity (heading dates) indicating that the dry/heat stress during late June/July kernel fill took was more detrimental to later varieties in particular.

HARRINGTON SOFT WHITE WINTER WHEAT

1. 2006 Soft White Winter Wheat **yield data** from the WSU Variety Testing nursery at the Harrington location averaged 68.5 bu/ac. *NOTE: The Harrington nursery was located 10 miles southwest of Harrington on Hardy Road (M. Kramer farm).*
2. This nursery was seeded on 15 September 2005 on summer fallow ground using a deep furrow split packer plot drill into good soil moisture that was about 3-inches below the surface. This nursery had excellent emergence that resulted in a very even and uniform stand with fairly large wheat going into the winter. The 17-19 Feb 2005 cold snap caused little to no winter injury for the majority of varieties.
3. **Stripe rust** was not a factor in the 2006 nursery.
4. **Yield differences** among the varieties had a range of 56.2 bu/ac to 78.9 bu/ac; however, many varieties/experimental lines had yields that were grouped very closely together and statistically equal. Yields of the three lowest yielding experimental lines in the nursery (ORSS-1757, WA007999 and ORH01920) are probably a function of cold injury based on visual observations made in March 2006. Late season precipitation and cooler weather during kernel development seemed to enhance test weight values for all varieties.
5. Average **test weight** values averaged 59.8 lb/bu with a **percent grain protein** range of 10.6-12.8%.

LAMONT SOFT WHITE WINTER WHEAT

1. 2006 Soft White Winter Wheat **yield data** from the WSU Variety Testing nursery at the Lamont location averaged 116.2 bu/ac, over 7% higher than the 3-year average at this location. *NOTE: The Lamont nursery was located 10 miles south of Lamont, WA (G. White farm).*
2. This nursery was **seeded early** on 6 September 2005 on summer fallow ground using a plot drill with hoe openers into good soil moisture that was about 2-inches below the surface.

This nursery had excellent emergence that resulted in a very even and uniform stand with fairly large wheat going into the winter. Even with considerable growth, most varieties handled the 17-19 Feb 2006 cold snap with little to no winter injury except for a couple of experimental lines (ORH010920 ,WA0079999) that sustained considerable yield reductions.

3. **Stripe rust** was not a factor in the 2006 nursery.
4. **Yield differences** among the varieties had a range of 70.7 to 139.1 bu/ac; however, many varieties/experimental lines had yields that were grouped very closely together and statistically equal. There appears to be somewhat of a trend that shows later maturing (later heading date) varieties with higher yields. This is not always the case; and the heading date differences are subtle; however, earlier/faster growing varieties may have been more negatively impacted by the drought/heat stress conditions from mid-April to mid-May before cooler temperatures and precipitation occurred at the end of May into the first of June. Late season precipitation and cooler weather during kernel development seemed to enhance test weight values for all varieties. Yield differences among varieties continue to be very subtle and for the most part, 2006 yield rankings track with the 3-yr and 5-yr yield rankings.
5. Average **test weight** values averaged 59.6 lb/bu with a **percent grain protein** range of 7.1% to 9.7%.

MAYVIEW SOFT WHITE WINTER WHEAT

1. 2006 Soft White Winter Wheat **yield data** from the WSU Variety Testing nursery at the Mayview, WA location averaged 81.6 bu/ac that was 23.8%% lower than the 3-year historical average (107.2 bu/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 **seeded fairly late** on 17 October 2005 on fallow ground using a plot drill with double-disc openers into soil moisture that was about 2-inches below the surface. This nursery had good emergence that resulted in a very even and uniform stand going into the winter.
3. This nursery appeared to have taken some hits from the up-and-down weather patterns during the **2005-2006 growing season** based on the below normal yield averages. A field evaluation on 4 April 2006 showed good winter survival of all varieties/experimental lines suggesting that yields were probably more influenced by dry/heat stress periods during early growth and grain fill stages of development.
4. **Yield average rankings** tracked closely with historical 2-yr and 5-yr averages. This has always been a nursery where ROD planted as a single variety has topped the nursery in almost every year and holds the top spot in all historical yield rankings. It is kind of difficult to separate varietal differences based on average yields. One observation is that 13 out of the 20 highest yielding varieties have Madsen pedigrees. Madsen ranked 20th out of the 54 entries. In addition, some of the early maturing (heading date) varieties such as Stephens, IDO587, Lambert, and Brundage 96 were in the lower half of the yield rankings suggesting that they may have been more severely impacted by the dry/heat stress during mid-April to mid-May 2006 that was typically a time of rapid growth for these varieties. Many of the varieties/experimental lines had average yields that were very comparable – with little 'statistical' difference.
5. Average **test weight** value was 58.3 lbs/bu and **percent grain protein** average was 11.8%.

MOSES LAKE SOFT WHITE WINTER WHEAT (IRRIGATED)

1. 2006 Soft White Winter Wheat **yield data** from the WSU Variety Testing nursery at the Moses Lake location averaged 143.7 bu/ac that was about 10% higher than the 3-year historical average (131.1 bu/ac). *NOTE: The Moses Lake nursery was located adjacent the hard winter nursery (5 miles east of Moses Lake on Road O NE).* This nursery was seeded 14 October 2005 following potatoes.
2. **Yield differences** among the varieties had a range of 102.5 bu/ac to 164.4 bu/ac. Many varieties performed better than their historical 3-year average. This is evident in many varieties that have a strong tendency to lodge. A couple of factors appear to have contributed to this: (1) average plant height in the 2006 was only 36.6 inches compared to 43.0 inches in 2005 and (2) irrigation management (overhead circle) limited average percent lodging to 14.0% compared to 62% in 2005. Other 'external' causes of yield differences among varieties are not as evident and it is important to look at the statistical LSD (least significant difference) value at the bottom of each column to get a true picture of 'real' (statistical) differences between varieties.
3. Average **test weight** values averaged 57.6 lb/bu with a **percent grain protein** range of 11.5%-12.8%. Best guess on fairly low test weight values and fairly high percent grain protein values is that it is due in part to high temperatures during grain fill in this part of the Basin. Lodging and maturity differences probably also came in to play for certain varieties.

PULLMAN SOFT WHITE WINTER WHEAT

1. 2006 Soft White Winter Wheat **yield data** from the WSU Variety Testing nursery at the Pullman location averaged 149.0 bu/ac that was only 1.5% higher than the 3-year average at this location (146.7 bu/ac). *NOTE: The Pullman nursery was located 6 miles southwest of Pullman, WA on Sand Rd (N. Druffel & Sons farm). The Hard Winter and Soft White Winter nurseries were co-located.*
2. This nursery was **seeded** on 30 September 2005 on re-crop ground following dry peas into fairly dry soil. Soil moisture was about 5-6-inches below the surface. It rained 1.33 inches during the 5-days following seeding that resulted in good emergence and a very even and uniform stand.
3. This nursery was not impacted by the mid-February 2006 cold snap and a March 2006 field evaluation showed strong early spring regrowth in nearly all varieties.
4. **Yield differences** among the varieties had a range of 122.1 bu/ac to 171.2 bu/ac; however, many of varieties/experimental lines had yields that were grouped very closely together and statistically equal. Variety rankings seemed to tracked 3-year and 5-year ranking trends; however, there are very little yield differences among a high percentage of the varieties in the trial. There might be a slight trend that shows later maturing (heading date) varieties had a yield edge than earlier maturing varieties this year at this location. Quite a few of the varieties/experimental lines with lower yields also have some of the earlier heading date (maturity) ratings. Varieties with earlier maturity could have been more heavily impacted by the dry/heat stress during the mid-April to mid-May 2006 period that restricted early growth and development and subsequently diminished yield potentials.
5. Average **test weight** values were 59.1 lb/bu and **percent grain protein** averaged 10.9%.

REARDAN SOFT WHITE WINTER WHEAT

1. 2006 Soft White Winter Wheat **yield data** from the WSU Variety Testing nursery at the Reardan, WA location averaged 103.3 bu/ac that was nearly identical to the 3-year historical average (102.9 bu/ac). *NOTE: The nursery was located about 8 miles west of Reardan, WA on Janett Rd (H. Johnson farm).*

2. This nursery was **seeded early** on 14 September 2005 on chem fallow ground into soil moisture that was just 1-inch below the surface. This nursery had good emergence and a very even, uniform stand going into the winter.
3. This nursery handled the 17-19 Feb 2006 cold snap with little to no winter injury on any of the varieties/experimental lines. The nursery also withstood the dry/heat stress periods from mid-April to mid-May.
4. **Average yield rankings** fairly consistent with 3-yr historical averages. This area continues to reflect the adaptability of Eltan along the Highway 2 corridor with four (4) of the top six varieties/experimental lines having Eltan in their pedigree (WA007934, George, WA007973 and Eltan). There appears to be a pretty strong trend that varieties with earlier maturity (heading date) had some of the lower yields at this location. This follows a pattern at some locations where the dry/heat stress from mid-April to mid-May was harder on earlier varieties that that had roots and crowns sitting in dry soil at a time when they normally take advantage of soil moisture and get an earlier growth jump compared to later maturing varieties such as Eltan. In addition, there was a moderate level of *Cephalosporium* stripe in many varieties/experimental lines in this nursery and many of the lower yielding varieties are also susceptible to *Cephalosporium* stripe. All the tea leaves were probably lined up the right way to get Cephalosporium stripe this year in this nursery (fairly early seeding, cold snap in February that probably dinged plants/roots, dry spring soil conditions that held back wheat growth and allowed for fungus growth and quite a bit of heat stress at the end of the growing season).
5. Average **test weight** value was 59.3 lbs/bu. Again it's worth noting that varieties that dragged the average test weight down were also fairly susceptible to Cephalosporium stripe. **Percent grain protein** averaged 11.6%.

RITZVILLE SOFT WHITE WINTER WHEAT

1. 2006 Soft White Winter Wheat **yield data** from the WSU Variety Testing nursery at the Ritzville location averaged 62.1 bu/ac that was essentially equal to the 3-year historical average (61.6 bu/ac). *NOTE: The Ritzville nursery was located 8 miles northwest of Ritzville on Dewald Rd (E. Maier farm).*
2. This nursery was **seeded early** on 2 September 2005 on summer fallow ground using a deep furrow plot drill with split packer double disc openers into soil moisture that was about 4-inches below the surface. This nursery had excellent emergence that resulted in a very even and uniform stand with fairly large wheat going into the winter. The 17-19 Feb 2006 cold snap caused some winter injury to less hardy varieties, most notably ORH010920.
3. **Stripe rust** was not a factor in the 2006 nursery even though traces of stripe rust could be observed on susceptible varieties.
4. **Yield differences** among the varieties had a range of 37.7 bu/ac to 78.0 bu/ac but many differences were very slight. Comparative yield ranking by variety in the 2006 nursery closely followed 3-year historical yield rankings. The comparison of earlier maturity and lower yield is not as evident in the soft white winter nursery compared to the hard winter nursery at Ritzville; however, the majority of varieties in the bottom 12% of yield have the earliest heading date. This nursery also seemed to suffer from the up-and-down weather patterns during the 2005-2006 growing season. There was an extreme dry weather pattern from mid-April (following Easter) to mid May with no precipitation followed at the end of this period (16-19 May 2006) with temperatures that soared into the 90's. Roots and crowns were sitting in extremely dry soil. Earlier/faster growing varieties were probably more negatively impacted by this weather/moisture pattern. Late May and early June precipitation seemed to make the 2006 crop, particularly for varieties that had growth and development patterns that dovetailed with these precipitation events. Late season precipitation and cooler weather during kernel development seemed to enhance test weight values for all varieties.

5. Average **test weight** values averaged 60.5 lb/bu with a **percent grain protein** range of 11.0%-13.9%.

ST JOHN SOFT WHITE WINTER WHEAT

1. 2006 Soft White Winter Wheat **yield data** from the WSU Variety Testing nursery at the St John, WA location averaged 139.4 bu/ac that was 8.1% higher than the 3-year historical average (129.0 bu/ac). *NOTE: The nursery was located about 8 miles northeast of St John, WA on Ingram Rd (Mac and Rod Mills farm).*
2. This nursery was **seeded** on 21 September 2005 on fallow ground into soil moisture that was about 2-inches below the surface. This nursery had good emergence and a very even, uniform stand going into the winter.
3. This nursery handled the 17-19 Feb 2006 cold snap with little to no winter injury except on a few of experimental lines (WA007999, WA007970 and ORH010920) that showed some winter injury and poor spring re-growth recovery. The nursery also withstood the dry/heat stress periods from mid-April to mid-May.
4. **Average yield rankings** bounced around a little when comparing with 3-yr and 5-yr averages; however, varieties with the highest yield rankings in 2006 tracked the historical yield rankings. ARS97135-9 that has had the highest 3-year average in the St John nursery is a soft white winter club that is being proposed for release in 2007 by USDA/ARS. This winter club has shown good resistance to foot rot and stripe rust. As in other 2006 soft white winter wheat nurseries, average yields were very closely grouped. This nursery was planted on a south facing slope on fairly deep soil that enabled it to do a good job of withstanding drought/heat stresses throughout the growing season.
5. Average **test weight** value was good at 60.6 lbs/bu and only 12 varieties/experimental lines out of the 54 entries had test weight values lower than 60 pounds. Many of the 12 were only slightly below 60#/bu. High test weight values were complimented by fairly low **percent grain protein** averages at 10.6%.

TABLE XMC0602(A). STRIPE RUST INFECTION TYPE (IT) AND SEVERITY (%) ON CULTIVARS AND LINES IN THE **SOFT WHITE WINTER** EXTENSION DISEASE NURSERY (EXP02) AT SPILLMAN FARM (LOC 1), PLANT PATH FARM (LOC 3), AND WHITLOW FARM (LOC 4), NEAR PULLMAN, MT VERNON (LOC 5), WALLA WALLA (LOC 6), AND LIND (LOC 7), WA WHEN RECORDED AT THE INDICATED DATES AND STAGES OF PLANT GROWTH IN 2006 UNDER NATURAL INFECTION.
SUSCEPTIBILITY TO LEAF RUST (LR), POWDERY MILDEW (PM), OR PHYSIOLOGICAL LEAF SPOT (PLS) AT WALLA WALLA (LOC 6) WAS MARKED WITH "X".

					Stripe rust																		Severity (%) of other diseases at Walla Walla		
					LOC 1				LOC 3		LOC 4		LOC 5				LOC 6				LOC 7				
					6/21		7/5		6/20		6/26		5/6		6/6		5/31		6/29		6/29				
				2006	Flowering		S. dough		Flowing		S. dough		Early boot		Flowering		Flowering		S. dough		S. dough				
Entry	VARIETY#	CLASS	VARIETY	PLOT	IT	%	IT	%	IT	%	IT	%	IT	%	IT	%	IT	%	IT	%	IT	%	LR	PM	PLS
1	PI 542401	WHCB	RELY	1	2	1	2-8	30	5	1	2-8	10	2-8	20	2,8	5	2,8	20	2,8	20	2,8	20			
2	P I587026	WHCB	HILLER	2	2	1	2-3	20	5	1	8	5	5	30	2	2	5	30	5	30	5	20			
3	PI 594372	WHCB	CODA	3	0	0	5-8	20	2	1	8	5	2	10	2	2	5	10	3	40	8	50			
4	PI 606765	WHCB	EDWIN	4	5	10	5-8	20	5	5	5	30	5	20	2	5	5	50	5	30	5	20			
5	PI 606764	WHCB	BRUEHL	5	2	1	2	2	2	5	2	2	2	10	2	2	2	1	2	2	0	0			
6	PI 628641	WHCB	CHUKAR	6	2	1	2	5	2	1	2	2	2	10	0	0	0	0	0	0	0	0			
7	ARS97135-9	WHCB	ARS97135-9	7	2	1	2	5	2	1	2	2	2	10	0	0	0	0	0	0	0	0	10		
8	ARS00235	WHCB	ARS00235	8	2	1	3-5	20	2	1	8	5	2,8	20	2,8	10	5	20	5	40	3	20			
9	ARSC96059-1	WHCB	ARSC96059-1	9	2	1	2	5	2	2	2	2	2	10	2	2	2	5	2	5	3	10			
10	ARSC96059-2	WHCB	ARSC96059-2	10	2	1	2-3	10	2	1	2	2	2	10	2	2	2	1	2	2	3	15			
11	ARS99123	WHCB	ARS99123	11	2	1	2	5	2	1	2	2	2	2	0	0	0	0	0	0	0	0			
12	ARS00258	WHCB	ARS00258	12	2	1	2	5	2	1	2	2	2	5	0	0	2	1	2	2	2	20			
13	Citr 017909	SWH	LEWJAIN	13	2	10	5	40	2	10	2,8	5	8	70	5	30	2	30	3	40	5	40			
14	PI 511673	SWH	MADSEN	14	2	1	2	5	2	1	2	5	8	30	8	20	2	1	2	2	0	0			20
15	PI 536994	SWH	ELTAN	15	2	5	2-3	15	2	5	5	10	-	-	-	-	2	20	2	20	5	10			
16	PI 558510	SWH	ROD	16	2	1	2	5	2	1	3	5	8	30	2	20	5	5	3	10	3	20			
17	PI 628640	SWH	FINCH	17	2	1	2	5	2	1	2	2	8	30	2	10	2	1	2	2	3	10			
18	PI 634715	SWH	MASAMI	18	2	1	2	5	2	1	8	10	-	-	-	-	2	1	2-3	10	2-3	10			40
19	WA007934	SWH	WA7934	19	2	10	2	10	2	20	5	15	8	30	2,5	10	2	20	2	10	2	10			20
20	WA007935	SWH	WA7935	20	2	5	2-3	40	2	20	5	20	8	20	5	10	2	20	2	10	3	20			20
	PS 279		**(S Check)**	**21**	**8**	**90**	**8**	**100**	**8**	**100**	**8**	**90**	**8**	**50**	**8**	**100**	**8**	**100**	**8**	**100**	**8**	**80**			**10**
21	WA007973	SWH	WA007973	22	2	1	2-3	10	2	1	8	10	8	70	5	30	2	1	5	30	5	20			10
22	WA007999	SWH	WA007999	23	2	1	2	5	2	1	2	2	2	2	2	2	0	0	0	0	3	5			10
23	WA008000	SWH	WA008000	24	2	1	3-5	20	2	1	8	5	8	40	8	10	0	0	3-5	40	3-5	40			20
24	WA007970	SWH	WA007970	25	2	1	2	10	2	1	8	10	8	30	5	10	2	1	8	50	5	30			
25	WA007971	SWH	WA007971	26	2	1	8	40	2	1	8	10	2	10	5	20	2	1	2	2	5	20			
26	PI583372	SWH	LAMBERT	27	2	5	2-3	20	2	1	3	5	2	10	2	2	2	5	3	20	3	30			20
27	PI631486	SWH	BRUNDAGE 96	28	3	5	3	40	2	1	8	10	8	0	2	10	2	1	5	30	3	50			20
28	PI632273	SWH	HUBBARD	29	2	1	5	30	2	1	8	20	8	50	2	2	8	5	5	50	5	30			
29	ID91-34302A	SWH	SIMON	30	2	1	2	5	2	1	8	10	8	50	5	10	2	1	5	40	0	0			
30	9922407A	SWH	9222407A	31	2	1	2	5	2	1	2	10	8	40	8	30	2	1	3	30	2	2			
31	ID990435	SWH	ID990435	32	2	1	2-3	20	2	5	2	2	2	10	2	5	2	5	5	60	3	20			20
32	ID990419	SWH	ID990419	33	2	2	2	20	2	1	5	10	2	20	2	10	2	1	3	50	2	20			
33	PI 634567	SWH	IDAHO 587	34	2	1	2	5	2	1	2	10	2	20	2	5	2	1	2	2	0	0			20
34	Citr 017596	SWH	STEPHENS	35	2	1	2	5	2	1	2	2	5	20	2	5	2	1	2	2	3	10			20
35	OR210051	SWH	ORCF-101	36	2	1	3-5	20	2	1	8	20	8	30	8	20	0	0	8	50	5	30			
36	OR201007	SWH	ORCF-102	37	2	5	5-8	20	2	1	2	2	8	50	8	30	0	0	8	60	5	20			
37	Citr 017954	SWH	HILL 81	38	2	1	3	10	2	1	2	2	8	50	2	2	0	0	2	5	0	0			
38	PI 629114	SWH	TUBBS	39	8	2	3,8	40	2	1	8	5	8	60	5	40	5	1	5	40	3	20			
39	NEWTUBBS	SWH	TUBBS 06	40	2	5	2,5	30	2	1	8	10	8	50	5	30	2	1	5	30	0	0			
	PS 279		**(S Check)**	**41**	**8**	**90**	**8**	**100**	**8**	**100**	**8**	**90**	**8**	**70**	**8**	**100**	**8**	**30**	**8**	**80**	**8**	**80**			
40	OR9801757	SWH	ORSS-1757	42	2	1	2	5	2	1	2	2	2	2	0	0	2	1	2	2	0	0			
41	ORH010920	SWH	ORH010920	43	2	1	2	5	2	1	2	2	2	2	0	0	2	1	2	2	0	0			
42	BU 6W93-477	SWH	MOHLER	44	2	1	2	5	2	1	2	5	8	50	5	30	2	1	5	30	0	0			
43	BZ-6W98-528	SWH	WB 528	45	2	1	2	5	2	1	2	2	8	70	5,8	40	2	1	5	10	0	0			
44	BU6W99-456	SWH	BU6W99-456	46	2	1	2	5	2	1	2	2	8	70	8	40	0	0	3	10	2	20			
45	BU6W00-523	SWH	BU6W00-523	47	2	1	2	2	2	1	2,8	5	8	20	0	0	2	1	2	2	0	0			
46	BZ6WM02-1020	SWH	BZ6WM02-1020	48	2	1	2	5	2	1	2	5	5	20	2	2	0	0	5	20	5	20			
47	BZ6WM02-1154	SWH	BZ6WM02-1154	49	2	1	2	5	2	1	2	5	2	10	0	0	2	1	2	2	0	0			
48	Q1	SWH	GEORGE	50	2	1	2,8	40	2	1	8	10	8	30	8	5	2	1	8	80	5	20			20
49	Q2	SWH	RJAMES	51	2	1	2	5	2	1	2	5	8	20	2	10	2	1	3	40	0	0			
50	PI 601237	SWH	CASHUP	52	2	1	3	30	2	1	3	10	8	50	2	2	0	0	3	30	3	20			
51	89S*88DAWS	SWH	CONCEPT	53	2	1	3-5	20	2	1	8	5	8	50	2	2	2	1	3	50	3	10			
52	MJ-4	SWH	MJ-4	54	2	1	2	5	2	1	8	10	-	-	-	-	0	0	5	50	3	20			
53	MJ-9	SWH	MJ-9	55	2	1	2	5	2	1	2	2	8	20	5	30	2	1	2	2	3	10		20	
54	MAD50ROD50	SWH	MADSEN/ROD	56	2	1	2	5	2	1	2	5	8	30	8	15	0	0	0	0	3	10			

Table 4106 GWTH. 2006 WSU EXTENSION UNIFORM CERAL VARIETY TESTING SOFT WHITE WINTER WHEAT - SPRING GROWTH RATINGS

VARIETY	AVERAGE RATING	DAYTON	WALLA WALLA	CONNELL	DUSTY	ALMIRA	LAMONT	REARDAN	RITZVILLE	ST ANDREWS	CRESTON	PULLMAN	MAYVIEW	BICKLETON	ST JOHN	MOSES LAKE (irrigated)	FAIRFIELD	FARMINGTON	ANATONE	HARRINGTON
		Stand Index (1=Low, 10=High)																		
		Soft White Club																		
RELY	6.5	6.3	7.5	7.3	5.5	6.8	6.3	6.8	6.3	5.0	6.8	6.8	6.3	5.0	6.5	7.8	7.0	7.3	5.8	6.8
HILLER	6.9	7.3	7.0	7.5	6.0	7.3	6.3	7.3	7.0	5.5	7.3	6.5	7.5	6.5	7.8	8.3	6.5	7.0	5.3	6.5
CODA	6.1	5.8	6.3	7.0	4.8	6.8	5.3	6.3	6.8	4.3	7.0	6.3	6.5	6.0	6.3	7.0	6.3	6.8	5.8	7.5
EDWIN	6.4	4.5	7.0	7.8	4.8	7.3	6.0	6.8	6.8	6.3	7.5	6.0	6.0	5.5	7.5	7.5	6.3	7.0	5.3	7.8
BRUEHL	6.1	4.8	6.5	6.8	5.5	6.8	6.5	5.8	5.8	6.8	7.0	6.0	6.3	5.0	6.0	7.3	6.0	6.8	4.8	6.8
CHUKAR	6.6	6.5	7.3	7.3	5.5	6.3	5.8	7.5	6.8	3.8	6.8	6.8	6.3	6.3	7.8	7.8	6.5	7.8	5.8	7.0
ARS97135-9	6.0	5.5	7.0	7.5	5.3	6.0	5.3	6.5	6.0	2.3	7.0	6.8	6.3	6.3	6.8	7.5	5.5	6.8	4.5	5.8
ARS00235	5.4	5.0	6.0	6.0	3.8	6.0	4.5	5.8	5.5	3.3	6.3	5.8	6.5	4.5	5.5	7.0	5.5	5.5	5.3	5.8
ARSC96059-1	6.1	6.3	7.3	6.3	5.5	4.3	6.8	6.8	5.8	2.5	5.8	6.8	6.5	4.5	7.5	7.8	6.0	7.0	5.8	5.8
ARSC96059-2	6.0	5.8	7.5	6.5	4.8	4.0	6.5	6.3	5.8	2.5	4.8	7.0	6.5	6.5	6.0	7.8	6.3	7.3	5.5	6.8
ARS99123	6.8	7.0	8.3	7.0	5.3	6.3	7.8	7.3	6.5	5.5	7.0	7.3	6.5	6.8	8.3	7.3	6.3	7.3	4.8	7.0
ARS00258	6.0	6.0	6.5	6.3	4.8	7.0	5.3	6.8	5.8	3.3	6.0	5.8	6.5	5.0	6.3	7.5	6.3	7.0	5.3	7.5
		Soft White Common																		
LEWJAIN	7.0	6.3	7.8	7.0	6.0	7.8	6.5	6.8	6.0	7.8	7.0	7.0	7.5	6.3	7.3	8.0	7.3	7.0	6.3	7.8
MADSEN	7.2	6.8	7.5	7.8	6.5	8.0	7.0	7.3	7.3	5.3	7.3	7.5	7.8	5.8	8.0	7.8	7.8	7.5	6.0	7.5
ELTAN	6.9	4.8	6.8	8.0	5.8	7.5	6.5	7.0	6.5	8.0	6.8	7.3	7.3	6.5	7.5	7.3	7.0	7.3	6.5	7.5
ROD	6.7	6.0	7.5	7.0	6.3	7.0	6.0	7.5	5.8	5.3	7.3	6.5	6.8	5.8	6.8	8.0	7.3	7.5	6.3	7.8
FINCH	5.8	5.3	6.5	7.0	5.0	5.8	5.5	6.8	5.5	4.8	6.5	5.5	5.8	3.0	6.3	7.8	6.5	6.3	5.8	7.8
MASAMI	6.8	5.8	7.3	8.5	6.0	7.5	6.8	7.3	6.5	5.8	7.0	6.8	6.8	6.0	7.5	8.0	6.5	6.8	5.5	7.5
WA007934	6.4	4.0	6.3	7.3	5.3	7.3	5.8	6.5	4.8	7.3	6.8	6.8	6.0	6.0	7.0	7.8	7.0	7.3	5.8	6.8
WA007935	6.6	4.0	6.8	7.8	5.3	7.0	5.8	7.3	6.0	7.3	6.8	6.8	7.3	7.0	7.5	6.8	6.5	6.8	6.0	6.5
WA007973	6.4	5.0	6.5	7.5	6.3	6.5	6.0	7.0	6.0	5.0	7.5	6.0	5.8	6.3	6.8	8.0	7.0	7.0	5.5	7.8
WA007999	4.9	4.3	7.0	6.3	5.0	2.0	5.0	5.3	5.0	0.0	5.5	7.8	6.3	2.8	2.5	8.0	6.3	6.0	4.0	4.8
WA008000	5.5	4.5	6.0	6.8	4.5	7.0	4.3	6.3	5.8	4.3	7.0	6.0	5.8	5.0	3.8	7.3	6.0	6.0	4.8	6.0
WA007970	5.1	4.3	6.3	5.8	4.0	6.8	4.5	6.5	4.5	2.8	6.3	5.0	5.5	5.3	3.0	6.8	5.0	5.8	4.5	6.0
WA007971	6.0	4.3	6.3	7.3	5.0	7.3	5.3	7.0	4.8	4.8	6.5	5.3	7.0	5.5	5.8	7.5	6.0	6.5	5.8	6.0
LAMBERT	6.7	5.8	7.0	7.0	6.0	7.0	5.8	7.0	4.5	4.8	6.5	7.3	7.5	7.0	6.8	8.3	7.8	7.8	6.3	8.3
BRUNDAGE 96	6.9	6.0	7.0	7.5	6.3	7.5	6.0	7.5	5.8	7.8	7.3	6.5	7.5	7.0	7.0	8.0	7.3	6.8	5.5	7.8
HUBBARD	6.3	5.3	6.0	7.3	5.5	7.0	5.5	7.5	6.0	5.5	7.0	6.0	6.5	6.0	6.8	7.3	6.0	6.5	5.8	8.0
SIMON	7.5	7.0	8.0	8.5	6.3	6.8	7.3	7.5	6.5	6.8	7.3	7.8	8.3	7.3	7.5	8.5	8.0	8.3	7.3	7.5
9222407A	6.1	5.3	6.8	7.0	4.8	6.8	6.0	6.8	5.0	5.3	6.0	6.3	6.8	4.5	6.3	6.8	6.8	6.3	5.8	5.5
ID990435	6.7	4.8	6.3	7.0	6.3	6.8	5.8	6.5	5.3	5.8	6.3	8.0	7.8	7.5	6.0	8.0	7.8	8.3	5.5	6.0
ID990419	5.7	4.0	6.8	6.5	3.8	6.5	5.5	5.8	4.8	4.0	6.0	7.0	5.8	5.0	5.8	7.5	6.3	7.0	5.3	6.8
IDAHO 587	7.2	6.5	7.5	7.8	6.8	7.3	6.8	7.0	6.3	3.3	6.5	8.8	7.8	7.3	7.5	8.0	8.5	8.5	6.3	7.8
STEPHENS	7.3	6.3	7.3	8.0	7.0	6.5	6.8	7.5	6.5	4.0	6.8	8.3	8.0	7.8	8.0	8.8	8.3	7.8	6.8	7.5
ORCF-101	6.7	6.8	7.5	7.3	6.5	4.3	7.8	6.3	6.0	1.5	6.3	8.3	7.8	6.5	7.3	7.8	8.0	8.0	5.5	8.3
ORCF-102	7.3	7.3	8.0	7.8	6.5	6.8	7.3	7.5	7.5	6.0	7.5	8.3	8.0	7.3	6.3	7.8	8.0	8.0	6.5	8.3
HILL 81	7.0	5.8	6.8	8.0	6.8	7.3	6.3	7.5	6.0	5.5	7.5	7.5	7.3	6.5	7.5	7.8	7.8	7.5	6.3	8.5
TUBBS	7.5	7.3	7.5	8.3	6.8	7.8	6.8	7.8	6.8	6.3	7.5	7.3	7.8	7.0	8.8	8.5	8.0	7.8	7.3	8.0
TUBBS 06	7.1	6.3	7.5	7.3	6.3	7.3	6.8	7.5	6.5	5.8	7.3	7.8	7.8	6.8	7.8	8.0	7.8	7.8	5.8	8.3
ORSS-1757	6.2	6.0	7.3	6.3	6.3	6.8	6.3	7.0	6.0	3.0	6.8	6.8	5.8	3.8	7.3	7.3	7.3	5.5	5.8	5.8
ORH010920	5.5	5.3	7.8	5.8	5.8	3.0	6.5	5.5	3.8	0.5	3.0	7.5	6.3	5.8	4.3	7.8	7.0	5.8	4.8	6.3
MOHLER	7.5	7.5	7.8	7.8	7.0	7.5	7.3	7.5	7.3	5.3	6.5	7.8	8.0	7.0	8.0	8.3	8.3	8.5	6.3	8.5
WB 528	7.8	7.8	9.0	8.0	7.8	7.3	8.0	7.5	6.8	5.3	7.8	8.3	8.0	6.8	9.0	8.5	8.5	8.5	7.0	7.5
BU6W99-456	6.6	6.8	7.8	7.3	5.8	7.0	6.5	7.3	5.8	6.3	7.5	7.0	7.5	6.0	5.0	6.8	7.0	6.8	5.0	6.5
BU6W00-523	7.1	7.0	7.3	6.3	6.5	7.5	6.8	7.5	7.5	5.5	8.0	7.5	7.5	6.8	8.3	8.0	7.8	7.3	6.0	7.8
BZ6WM02-1020	6.8	7.3	6.3	8.0	5.5	6.8	6.0	7.3	6.0	5.0	7.3	6.3	7.3	5.5	7.5	8.3	7.5	8.0	6.3	7.8
BZ6WM02-1154	7.0	7.0	8.5	7.8	5.8	4.5	7.3	6.3	6.5	3.8	7.0	8.3	8.0	6.5	8.0	8.3	8.5	8.5	6.0	7.8
GEORGE	6.8	5.5	6.5	7.5	6.0	7.3	6.3	6.8	6.8	6.3	6.8	6.8	7.0	5.5	8.0	7.8	7.0	7.3	6.5	7.3
RJAMES	7.1	5.5	7.8	8.3	6.3	7.3	6.5	6.5	6.5	7.3	7.3	7.0	6.8	5.8	8.5	8.3	7.5	7.3	6.8	6.5
CASHUP	6.3	6.0	6.0	7.5	5.8	6.5	5.0	7.3	6.3	3.5	6.5	6.5	6.5	6.8	6.8	7.8	7.3	6.5	5.3	6.5
CONCEPT	6.2	6.0	6.0	7.5	5.3	6.8	4.8	7.0	6.3	3.5	6.0	5.5	6.8	6.0	6.3	7.8	7.0	7.5	5.5	7.3
MJ-4	6.2	6.0	6.5	7.3	5.0	6.5	6.0	7.0	6.5	3.0	6.5	7.0	6.5	5.3	6.5	7.5	7.0	6.8	5.8	6.3
MJ-9	6.2	5.3	7.0	7.0	4.8	6.5	5.3	6.5	5.8	4.0	6.5	7.0	6.5	5.8	6.8	7.5	7.0	6.8	5.3	7.5
MADSEN/ROD	6.8	6.8	6.8	7.8	6.3	7.3	6.8	6.8	6.3	6.0	7.0	6.8	7.3	6.0	6.8	7.8	6.8	7.0	6.3	7.3
AVERAGE	6.5	5.9	7.1	7.3	5.7	6.6	6.2	6.9	6.1	4.8	6.7	6.9	6.9	6.0	6.8	7.8	7.0	7.1	5.8	7.1
CV %		15.5	11.3	12.2	11.9	10.8	9.0	10.3	14.3	28.9	11.6	11.9	9.7	18.6	13.3	6.9	10.1	10.8	15.5	14.7
LSD @ 0.10		1.1	0.9	1.0	0.8	0.8	0.7	0.8	1.0	1.6	0.9	1.0	0.8	1.3	1.1	0.6	0.1	0.9	1.0	1.2

TABLE 41_06YD.

2006 WSU SOFT WHITE WINTER WHEAT TRIAL SUMMARY

VARIETY NAME (SWH Club in italics)	YIELD (BU/A)																		
	ALMIRA	ANATONE	BICKLETON	COLTON	CONNELL	CRESTON	DAYTON	DUSTY	FAIRFIELD	FARMINGTON	HARRINGTON	LAMONT	MAYVIEW	MOSES LAKE (irrigated)	PULLMAN	REARDAN	RITZVILLE	ST. JOHN	AVERAGE
Soft White Winter																			
WA007973	157	96	64	124	82	119	131	92	125	146	79	127	98	159	165	120	73	151	117.0
TUBBS	153	87	62	129	80	114	140	83	123	147	79	124	95	159	160	103	68	162	114.7
ORCF-102	141	102	60	130	71	117	150	82	119	144	77	123	94	152	158	107	69	146	113.4
MJ-9	143	96	56	121	76	121	137	70	107	145	78	129	90	136	163	115	67	151	111.2
TUBBS 06	151	85	63	121	69	117	142	81	132	140	70	118	89	148	160	95	59	155	110.8
CODA	138	97	52	121	75	119	137	85	116	131	75	123	87	143	156	117	78	140	110.5
ROD	152	94	56	108	72	115	138	83	118	141	71	130	98	149	147	113	68	133	110.3
BU6W00-523	131	94	61	122	71	115	140	75	125	138	70	114	94	149	144	103	63	145	108.6
MADSEN/ROD	142	98	56	114	72	114	139	80	121	128	72	125	94	147	149	97	65	142	108.6
CHUKAR	137	76	58	106	77	118	137	77	116	139	71	125	70	147	150	117	74	157	108.4
HUBBARD	144	91	65	119	65	114	118	78	118	142	69	123	67	150	168	109	62	145	108.2
WA007971	149	96	57	115	71	115	122	75	111	142	65	122	95	143	153	119	57	138	108.0
MASAMI	150	84	58	113	75	106	121	78	126	108	74	139	90	140	146	109	78	146	107.8
GEORGE	147	95	57	108	74	121	116	81	131	121	76	129	57	128	152	121	74	147	107.5
WA007935	146	100	65	113	66	116	120	73	124	124	69	124	80	143	154	113	66	138	107.4
WA007934	152	88	60	103	64	111	117	76	116	128	64	124	73	158	171	123	62	135	106.9
RJAMES	156	96	57	108	58	110	125	79	122	132	69	131	91	138	151	105	64	133	106.9
MOHLER	137	92	50	115	71	111	135	80	124	124	76	125	81	147	158	87	65	147	106.9
ARSC96059-2	133	85	59	106	75	120	139	80	116	127	69	112	84	153	155	109	55	147	106.9
BRUEHL	146	84	62	105	66	110	128	83	119	133	69	124	82	149	154	100	66	143	106.8
LAMBERT	141	89	56	121	66	118	130	75	115	140	70	116	79	148	154	113	52	137	106.6
WB 528	134	96	51	119	62	119	147	80	115	139	69	96	95	164	134	92	57	147	106.5
HILL 81	140	89	60	111	69	110	134	79	114	139	74	112	93	133	146	115	57	139	106.2
FINCH	137	87	52	105	69	117	135	76	111	133	72	133	84	135	153	106	67	142	106.2
ARS00235	136	78	53	103	72	115	123	78	123	134	73	116	75	149	159	108	67	144	105.8
MADSEN	133	91	50	118	72	100	130	73	121	133	66	122	88	151	146	100	67	143	105.7
BRUNDAGE 96	137	81	53	114	69	114	132	80	130	117	73	126	57	159	144	118	58	142	105.7
ID990419	146	95	61	110	72	104	117	65	121	138	64	116	89	146	167	101	62	130	105.7
RELY	141	84	52	120	68	105	133	86	116	129	77	114	70	145	147	107	67	136	105.3
SIMON	134	97	59	110	70	111	138	78	118	134	69	109	87	151	146	87	54	142	105.2
ARS00258	146	83	54	119	67	104	137	81	108	135	76	123	70	131	144	111	70	133	105.1
CONCEPT	129	90	57	114	64	102	135	73	105	147	70	116	91	138	137	118	62	144	105.0
BZ6WM02-1020	128	93	60	116	68	107	134	70	111	147	73	105	91	149	148	93	56	139	104.9
9222407A	139	96	59	105	63	102	129	68	118	134	62	124	80	159	160	102	51	133	104.7
HILLER	139	81	52	105	72	105	139	78	120	126	67	117	74	153	135	101	72	147	104.6
WA008000	142	87	49	109	75	112	116	76	119	127	67	120	85	142	155	101	64	133	104.4
MJ-4	137	87	53	91	71	112	127	71	108	128	66	126	96	135	147	115	64	141	104.0
ELTAN	151	91	64	115	69	116	115	79	127	119	63	124	73	136	126	117	67	117	103.9
ID990435	130	90	58	128	70	101	119	74	121	139	62	116	74	144	143	103	59	139	103.8
WA007970	130	87	58	98	74	111	123	74	115	124	64	117	88	144	155	116	60	128	103.6
ARSC96059-1	134	79	53	116	74	113	133	81	109	122	67	112	72	151	143	105	56	144	103.5
ARS97135-9	136	65	43	106	69	115	130	72	124	124	67	114	56	153	150	97	71	155	102.6
STEPHENS	134	83	56	111	63	97	140	74	121	135	63	118	82	135	144	81	58	138	101.7
BU6W99-456	122	86	55	116	53	112	141	76	115	132	63	96	90	145	146	91	50	138	101.4
CASHUP	133	85	51	113	60	109	124	71	110	137	63	108	88	128	137	105	63	140	101.3
ARS99123	141	70	57	116	46	100	131	71	116	132	65	107	85	146	147	94	57	133	100.8
ORCF-101	118	90	50	118	67	102	131	81	118	131	69	98	89	121	149	80	60	136	100.4
ORSS-1757	137	88	49	102	61	104	133	79	118	125	54	111	79	137	152	92	53	131	100.3
LEWJAIN	142	82	52	106	72	101	119	67	119	104	67	115	83	137	122	105	65	129	99.3
IDAHO 587	133	81	49	105	64	91	126	76	109	127	67	116	77	123	148	87	52	133	98.1
EDWIN	128	74	52	96	68	91	106	74	112	122	63	112	49	137	138	107	65	128	95.6
ORH010920	98	88	54	94	56	84	138	73	116	130	57	71	83	132	139	83	38	134	92.7
BZ6WM02-1154	111	81	49	109	57	94	109	68	114	128	61	82	73	130	135	82	47	125	92.0
WA007999	90	72	40	90	52	91	119	61	114	115	56	77	58	136	140	72	52	107	85.6
STATISTICS																			
C.V.	6.8	9.2	14.7	9.0	7.3	9.2	7.2	6.3	7.9	5.9	7.9	8.0	8.0	9.1	7.3	9.2	12.1	6.3	8.3
LSD	10.9	9.4	9.5	11.7	5.8	11.8	11.0	5.7	10.9	9.1	6.3	10.8	7.6	15.3	12.8	11.1	8.8	10.3	2.4
Average	137.2	87.6	55.4	111.6	68.0	109.0	129.6	76.4	117.8	131.6	68.5	116.2	81.6	143.7	149.0	103.3	62.1	139.4	104.8
Highest	156.6	102.0	65.4	130.3	81.7	121.3	150.4	91.8	132.3	147.4	78.9	139.1	98.2	164.4	171.2	122.5	78.0	162.2	116.9
Lowest	89.9	65.3	40.3	90.2	46.4	83.8	106.0	60.8	104.7	104.3	54.2	70.7	48.9	120.5	122.1	71.6	37.7	107.3	85.6

TABLE 41_06TW.

2006 WSU SOFT WHITE WINTER WHEAT TRIAL SUMMARY

VARIETY NAME (SWH Club in italics)	TEST WEIGHT (LBS/BU)																		
	ALMIRA	ANATONE	BICKLETON	COLTON	CONNELL	CRESTON	DAYTON	DUSTY	FAIRFIELD	FARMINGTON	HARRINGTON	LAMONT	MAYVIEW	MOSES LAKE (irrigated)	PULLMAN	REARDAN	RITZVILLE	ST. JOHN	AVERAGE
Soft White Winter																			
BU6W99-456	62.6	60.4	60.5	62.6	63.1	60.9	62.4	61.7	61.9	61.4	61.6	62.5	61.3	62.0	61.1	59.9	61.6	62.7	61.7
ARSC96059-1	62.8	60.4	58.6	62.5	62.3	61.2	61.8	60.4	61.2	60.3	61.0	61.6	59.8	60.9	61.4	61.6	60.7	62.5	61.2
CODA	62.2	61.3	59.6	62.0	62.4	61.2	61.6	60.9	60.9	60.3	61.4	60.4	59.7	57.7	61.5	61.7	62.1	62.3	61.1
WB 528	61.9	60.3	59.2	61.7	62.6	60.6	61.3	61.3	61.3	60.6	61.7	60.8	61.0	60.8	59.9	59.4	61.5	61.7	61.0
BZ6WM02-1154	62.0	60.1	59.6	61.9	61.2	60.6	62.2	60.4	61.1	62.1	60.3	61.5	61.1	61.3	59.5	58.9	60.6	62.8	61.0
BU6W00-523	61.7	60.5	59.3	62.1	62.3	60.4	60.8	61.3	60.3	61.0	60.7	60.4	60.0	61.0	60.3	60.4	62.0	61.8	60.9
ARSC96059-2	62.0	59.3	58.2	61.4	62.3	60.4	60.9	60.4	60.3	61.1	61.1	61.0	59.2	61.2	61.6	61.3	61.1	62.0	60.8
EDWIN	62.5	59.8	59.1	60.2	62.2	60.6	62.2	60.8	60.1	60.7	60.0	61.4	58.0	58.4	60.9	61.8	62.6	62.6	60.8
HUBBARD	61.2	59.8	59.4	61.3	61.8	60.0	59.9	60.0	60.0	60.7	60.6	59.4	59.6	59.6	60.7	60.3	61.5	60.9	60.4
ARS99123	61.1	59.4	58.3	60.5	61.5	59.4	61.4	60.3	60.3	60.3	60.6	61.3	59.0	59.5	59.0	59.9	60.9	61.4	60.2
FINCH	61.3	59.1	58.7	59.5	61.1	60.2	61.0	60.6	60.1	60.1	61.4	60.7	59.3	55.7	60.7	60.9	61.8	61.8	60.2
CONCEPT	60.5	59.7	59.2	60.1	62.5	59.0	60.0	60.7	59.6	60.4	60.4	60.1	58.2	59.0	60.4	60.9	62.1	61.0	60.2
ARS00235	61.6	59.8	56.6	60.8	61.0	60.2	60.8	59.6	60.2	60.7	60.4	60.8	58.3	58.1	60.8	61.0	60.8	61.9	60.2
CASHUP	60.9	59.5	58.7	60.3	62.4	59.5	60.0	60.3	59.7	60.5	60.5	60.1	58.7	58.7	60.0	60.3	62.0	61.2	60.2
ORCF-102	60.6	59.0	57.5	61.0	61.5	59.8	60.6	60.2	60.0	60.8	60.1	60.2	60.0	59.2	59.8	59.4	60.8	61.3	60.1
9222407A	61.0	59.2	58.0	60.2	61.3	59.7	60.7	60.7	59.4	60.2	60.8	59.9	59.5	59.6	59.6	59.6	60.3	60.9	60.0
ARS00258	61.1	59.6	59.5	60.9	62.1	59.5	59.8	59.7	60.1	60.4	60.6	59.3	58.5	55.5	59.5	60.7	62.0	60.7	60.0
WA007970	60.9	58.8	57.1	59.3	61.0	60.1	61.0	60.2	59.7	59.0	60.3	60.1	59.7	58.4	60.0	60.9	60.4	61.5	59.9
HILL 81	60.9	59.0	56.5	60.5	61.5	59.7	60.4	60.3	60.0	59.5	60.8	59.4	59.7	58.0	59.8	60.2	61.1	60.9	59.9
BZ6WM02-1020	60.4	58.4	57.5	60.0	61.5	59.4	60.2	60.8	59.7	60.5	59.8	60.3	57.4	59.1	59.9	58.8	61.0	60.9	59.8
MOHLER	60.9	58.0	55.6	59.9	61.5	59.3	60.1	59.9	60.1	59.1	60.2	60.4	58.8	60.0	59.6	58.1	60.8	61.2	59.6
WA008000	60.7	58.3	57.3	59.4	60.8	59.6	60.3	59.5	59.3	59.1	60.1	59.8	59.4	57.9	59.8	59.7	61.1	61.2	59.6
ID990419	60.6	58.8	56.2	59.6	60.8	59.5	60.0	60.2	59.1	60.0	60.3	59.8	58.8	58.6	59.3	60.1	60.7	60.4	59.6
LAMBERT	60.3	58.7	57.1	60.3	61.2	59.5	59.3	59.6	59.4	59.3	59.9	59.8	57.6	59.3	59.2	59.3	60.3	60.5	59.5
LEWJAIN	60.9	58.7	57.8	59.6	61.7	59.3	60.5	58.7	59.5	56.9	61.3	59.6	58.6	55.9	58.2	60.6	62.0	60.5	59.5
RELY	60.9	58.4	57.8	60.0	61.5	59.0	60.1	59.2	59.4	58.4	60.2	59.2	57.9	57.6	57.9	59.4	61.4	60.8	59.4
ELTAN	60.2	58.6	57.9	60.2	60.8	59.4	59.5	59.8	58.8	57.9	60.5	59.7	58.5	56.3	58.8	60.0	60.9	60.3	59.3
MADSEN	60.5	58.2	56.6	59.7	61.0	58.7	60.0	59.7	59.7	58.3	59.8	59.1	58.9	57.2	58.7	59.3	60.6	60.9	59.3
ORCF-101	60.8	58.5	55.3	60.6	60.9	59.1	59.3	59.0	60.0	60.1	60.2	59.6	58.7	56.8	59.5	57.4	60.5	60.5	59.3
SIMON	60.2	58.5	56.8	59.5	60.7	59.0	59.8	59.4	59.6	59.4	60.2	58.7	58.7	59.6	58.5	58.1	59.2	60.8	59.3
STEPHENS	60.6	57.2	56.7	61.1	60.5	58.9	59.3	59.2	60.3	59.3	59.2	60.3	57.6	58.7	58.6	57.4	60.3	59.9	59.2
WA007973	60.1	58.9	57.1	58.8	60.6	58.5	59.9	58.9	59.0	58.6	60.2	58.4	58.7	58.1	59.1	59.7	60.0	60.1	59.2
WA007935	60.0	58.0	56.6	59.2	60.5	59.0	59.1	60.0	59.3	58.0	59.5	60.5	59.2	56.2	58.6	59.6	60.4	60.8	59.1
ORSS-1757	60.2	57.9	56.9	59.2	61.2	59.0	59.5	59.6	59.4	58.0	59.7	59.5	59.6	58.9	58.7	57.6	59.5	60.1	59.1
WA007934	60.2	58.2	56.7	58.8	60.5	58.6	59.2	59.5	58.7	58.1	60.0	59.9	58.2	57.1	59.8	60.2	59.7	60.5	59.1
IDAHO 587	60.9	58.0	57.2	59.9	60.9	58.7	58.2	58.5	60.0	58.3	59.2	60.4	58.3	56.1	58.6	58.3	59.9	60.0	59.0
ORH010920	60.2	58.4	57.1	58.3	61.0	57.6	59.5	59.9	59.7	59.2	59.7	58.9	60.0	58.3	57.8	56.5	58.9	60.3	59.0
ID990435	59.6	58.5	56.7	60.1	60.4	58.3	59.7	58.8	58.7	59.0	59.3	59.3	57.2	58.7	57.6	58.4	60.0	60.2	58.9
MADSEN/ROD	60.1	58.3	55.3	59.6	60.6	58.5	59.3	59.2	59.2	59.1	59.3	59.2	58.3	57.5	58.9	57.7	60.0	59.9	58.9
TUBBS	60.3	57.2	55.3	59.0	61.0	58.7	59.5	59.2	59.3	57.6	59.7	59.5	56.7	57.9	58.9	57.8	60.3	60.6	58.8
TUBBS 06	60.0	57.2	54.6	58.5	60.6	58.7	59.8	59.3	59.1	57.5	59.3	59.2	57.2	57.2	58.9	57.5	59.9	60.6	58.6
BRUNDAGE 96	59.8	56.8	54.7	58.7	60.8	58.6	59.3	58.8	59.3	55.9	59.3	59.5	56.8	58.6	58.0	59.3	59.6	60.6	58.6
GEORGE	59.5	57.6	55.0	57.5	60.0	58.9	58.9	59.2	58.3	56.9	59.2	59.5	57.7	53.9	58.7	59.8	60.2	60.0	58.4
MASAMI	59.4	57.4	56.3	57.5	60.8	57.6	58.2	58.8	58.4	55.6	58.9	58.8	57.1	54.6	57.9	58.8	60.5	59.7	58.1
ROD	59.8	58.0	54.8	57.1	59.6	57.9	58.7	58.1	58.4	58.1	58.8	58.8	56.9	56.1	57.9	58.4	59.7	59.0	58.1
MJ-9	59.6	57.7	55.1	57.3	60.1	58.1	57.3	58.7	58.3	58.1	57.3	58.2	56.1	56.6	59.0	59.2	59.8	59.4	58.1
CHUKAR	59.5	57.9	55.4	57.8	59.2	57.7	58.5	57.9	57.2	58.2	58.2	57.9	55.9	55.2	57.9	59.0	59.9	60.0	58.0
RJAMES	59.1	56.5	54.6	56.7	59.7	57.3	58.3	59.0	57.7	56.7	59.3	58.9	56.6	54.5	57.3	57.8	59.4	58.6	57.7
ARS97135-9	59.4	57.2	53.9	57.6	59.3	57.6	58.1	57.7	57.9	57.3	58.4	57.3	55.7	54.2	57.2	58.4	60.1	59.8	57.6
MJ-4	59.3	56.8	53.7	55.2	58.6	58.1	58.3	58.2	58.1	56.5	57.2	57.7	56.4	54.0	58.4	57.9	58.7	59.1	57.3
BRUEHL	58.3	56.1	54.0	56.8	60.3	57.7	57.0	57.9	57.3	56.9	59.0	57.7	56.0	53.9	56.9	58.0	59.6	57.9	57.3
WA007971	58.5	57.0	53.4	56.2	58.0	56.8	57.4	56.9	57.0	57.9	56.2	57.7	56.1	54.6	58.0	58.1	57.8	58.7	57.0
HILLER	58.5	56.4	53.9	57.4	59.8	56.9	57.3	57.1	57.5	56.3	58.3	57.4	54.7	53.8	55.7	57.4	59.5	58.2	57.0
WA007999	58.6	55.8	52.3	56.7	57.9	57.9	58.2	56.7	58.3	56.8	56.5	57.0	55.9	54.7	57.1	57.1	56.4	59.6	56.9
STATISTICS																			
C.V.	0.8	0.8	2.7	1.5	0.6	0.9	0.8	1.1	0.6	1.8	0.7	0.7	1.1	2.2	1.0	1.1	0.9	0.6	1.2
LSD	0.6	0.5	1.8	1.1	0.4	0.6	0.5	0.7	0.4	1.2	0.5	0.5	0.8	1.5	0.7	0.7	0.7	0.5	0.2
Average	60.5	58.5	56.8	59.5	60.9	59.1	59.8	59.5	59.4	58.9	59.8	59.6	58.3	57.6	59.1	59.3	60.5	60.6	59.3
Highest	62.8	61.3	60.5	62.6	63.1	61.2	62.4	61.7	61.9	62.1	61.7	62.5	61.3	62.0	61.6	61.8	62.6	62.8	61.6
Lowest	58.3	55.8	52.3	55.2	57.9	56.8	57.0	56.7	57.0	55.6	56.2	57.0	54.7	53.8	55.7	56.5	56.4	57.9	56.8

TABLE 41_06PR.

2006 WSU SOFT WHITE WINTER WHEAT TRIAL SUMMARY

VARIETY NAME (SWH Club in italics)	PROTEIN (%)																		
	ALMIRA	ANATONE	BICKLETON	COLTON	CONNELL	CRESTON	DAYTON	DUSTY	FAIRFIELD	FARMINGTON	HARRINGTON	LAMONT	MAYVIEW	MOSES LAKE (*irrigated*)	PULLMAN	REARDAN	RITZVILLE	ST. JOHN	AVERAGE
Soft White Winter																			
BU6W99-456	10.9	11.6	13.2	11.8	13.0	11.9	10.4	11.8	9.9	12.9	12.8	9.3	12.8	12.6	11.5	12.7	13.9	11.3	11.9
BZ6WM02-1154	11.2	11.6	13.2	11.4	12.9	11.3	10.5	11.1	10.0	12.5	12.8	9.7	12.6	12.7	12.4	13.3	13.6	11.4	11.9
ARSC96059-1	10.9	10.9	12.6	11.5	12.2	11.5	10.7	11.9	9.5	13.2	12.1	8.6	12.6	12.6	12.1	12.0	12.8	10.8	11.6
ORCF-101	10.8	11.2	12.7	11.1	11.6	11.3	11.4	11.2	9.6	12.4	11.6	9.7	12.1	12.7	11.2	12.5	12.7	11.3	11.5
ORH010920	11.4	11.0	12.5	11.7	12.7	12.2	10.6	11.0	9.8	11.9	11.9	9.2	11.9	12.0	11.4	12.3	12.2	10.9	11.5
WA007999	10.6	11.1	12.5	11.2	12.2	11.7	11.1	11.6	9.2	12.3	12.1	8.9	12.0	12.4	11.4	12.6	12.5	11.1	11.5
ARSC96059-2	10.2	11.0	12.2	12.4	12.0	10.2	10.8	11.5	9.2	13.2	12.4	8.2	12.0	12.6	11.5	12.5	12.7	10.6	11.4
EDWIN	10.2	11.4	12.4	12.1	11.1	10.1	10.8	11.1	9.9	12.4	11.3	8.0	13.1	12.2	11.9	12.4	12.4	11.4	11.3
ARS00235	10.3	10.1	13.3	11.1	12.0	10.4	10.8	11.9	9.2	12.6	12.5	8.0	11.9	12.5	10.9	11.7	13.8	10.9	11.3
WA007970	10.3	10.7	12.7	11.9	11.6	10.8	11.1	11.4	9.2	12.5	12.0	8.7	11.5	12.4	11.1	11.8	12.7	11.1	11.3
MADSEN	10.4	10.8	12.7	11.5	11.5	10.9	10.7	11.3	9.5	12.4	11.6	8.1	12.1	12.5	11.6	11.7	13.1	10.7	11.3
IDAHO 587	10.3	11.0	12.3	11.2	12.1	11.3	10.8	11.3	9.7	11.9	11.7	9.4	12.0	12.4	11.0	11.9	12.1	10.6	11.3
ARS99123	9.6	11.1	12.4	11.1	13.3	9.9	10.3	11.8	9.5	12.0	12.4	9.0	12.0	12.4	11.2	10.8	12.9	10.9	11.3
STEPHENS	10.1	11.4	13.0	11.1	11.4	11.3	10.6	11.0	9.6	11.5	11.4	9.1	12.0	12.0	10.7	12.6	12.0	10.8	11.2
BRUEHL	10.1	10.7	13.3	11.9	12.3	10.6	10.7	11.5	9.1	11.9	11.6	7.9	11.9	12.4	11.1	11.2	12.3	10.8	11.2
BZ6WM02-1020	9.9	10.5	12.1	11.1	11.7	10.6	11.2	11.3	9.2	11.7	11.7	8.7	12.1	11.8	10.9	12.8	12.4	11.0	11.2
HILL 81	9.9	10.9	12.9	11.4	11.7	10.4	11.2	11.2	9.1	12.1	11.9	8.2	11.6	12.6	11.0	11.1	12.8	10.7	11.2
WA007935	9.4	10.5	12.4	11.3	12.3	10.3	11.5	11.6	9.0	11.9	12.1	9.0	11.5	12.6	10.8	11.2	12.7	10.5	11.1
WB 528	10.1	10.6	12.1	10.7	12.1	11.2	10.2	10.9	9.8	12.5	12.4	8.5	12.0	12.2	11.2	11.4	12.4	9.9	11.1
LEWJAIN	10.0	11.0	12.7	11.5	11.7	10.3	10.9	11.8	8.9	12.3	11.4	8.5	11.7	12.5	10.7	11.3	12.4	10.6	11.1
WA008000	10.4	10.5	12.5	11.2	11.4	11.0	11.1	11.0	9.3	12.4	12.0	8.6	11.4	12.2	11.1	10.8	12.4	10.8	11.1
CODA	10.3	10.5	11.6	11.4	11.7	10.2	10.4	10.8	9.5	13.4	11.7	7.7	12.1	12.3	11.6	11.1	13.0	10.6	11.1
ARS00258	10.0	10.5	12.4	11.3	11.8	10.5	10.4	10.8	9.5	12.2	11.1	7.6	12.0	12.4	11.8	11.3	13.0	11.1	11.1
ARS97135-9	9.1	11.1	13.4	11.7	11.0	10.7	10.6	11.1	9.8	12.1	11.6	7.2	12.1	12.6	11.7	11.3	11.9	10.7	11.1
BU6W00-523	9.7	10.6	12.6	11.0	12.2	10.5	11.1	11.6	9.3	11.8	11.7	8.0	11.4	12.0	10.8	11.7	13.0	10.7	11.1
MJ-4	9.8	10.3	12.7	11.8	11.9	9.9	10.5	11.3	8.7	12.4	12.2	7.7	11.8	12.7	10.7	12.2	11.5	11.4	11.1
ORCF-102	10.2	10.6	12.5	11.2	11.3	10.2	11.3	11.0	9.2	11.5	11.5	9.3	11.9	12.0	10.6	12.6	11.8	10.7	11.1
9222407A	10.0	9.7	12.5	10.8	12.6	10.7	11.1	11.7	8.9	11.5	12.0	8.3	11.8	11.8	10.4	11.4	13.2	10.6	11.1
MADSEN/ROD	9.8	10.3	12.5	11.0	11.7	10.7	11.0	10.9	9.0	11.6	11.8	8.6	12.1	12.2	10.6	11.6	12.5	11.0	11.1
GEORGE	9.4	10.5	12.8	11.6	12.3	9.4	11.4	11.0	8.7	12.1	12.0	8.1	12.2	12.8	10.4	11.4	12.1	10.2	11.0
ID990435	9.0	10.4	12.3	11.1	11.9	10.5	10.4	11.4	9.0	12.0	11.5	8.9	12.0	12.4	11.1	11.9	11.9	10.5	11.0
ELTAN	9.5	10.6	12.2	11.0	12.2	10.2	10.9	11.4	8.4	12.1	11.8	8.0	11.8	12.6	10.5	11.6	12.6	10.6	11.0
WA007934	9.9	10.3	12.2	11.4	11.8	10.3	11.5	11.7	8.4	11.9	11.6	8.9	11.7	12.4	9.7	11.1	12.6	10.0	11.0
BRUNDAGE 96	8.9	11.1	12.8	11.1	11.1	10.7	11.3	11.1	9.2	12.5	11.0	8.1	12.3	12.2	10.7	10.7	12.1	10.3	11.0
SIMON	9.7	10.4	12.2	11.0	11.7	9.9	10.2	11.0	9.2	11.9	11.2	8.3	11.9	12.1	10.9	11.5	12.5	10.4	10.9
HUBBARD	9.7	10.6	12.1	10.8	12.3	10.3	10.8	11.1	9.2	11.5	11.5	8.0	11.7	12.0	10.3	10.4	13.3	10.1	10.9
RELY	10.0	10.9	12.3	10.8	11.8	9.9	10.4	10.6	8.7	12.1	11.1	7.5	12.0	12.1	11.6	10.6	12.4	10.7	10.9
MOHLER	10.0	10.6	12.9	10.4	11.9	10.8	10.0	10.8	9.3	11.6	11.2	8.1	11.7	11.9	10.2	11.9	12.2	9.5	10.8
TUBBS 06	9.3	10.5	13.0	10.8	11.2	10.4	10.6	11.2	9.1	11.8	10.8	7.9	11.9	12.1	10.1	11.8	12.2	10.0	10.8
HILLER	10.1	11.0	12.6	10.6	10.5	10.6	10.5	10.4	9.4	11.8	11.2	7.9	11.8	11.9	11.6	10.7	11.4	10.4	10.8
LAMBERT	9.9	11.0	12.1	11.1	11.0	10.5	10.1	10.9	9.1	11.7	10.6	8.4	11.3	12.2	10.3	11.3	12.4	10.5	10.8
ROD	9.8	10.1	12.4	11.3	11.1	10.1	10.3	10.6	8.7	11.6	11.1	8.1	11.8	12.4	10.8	11.8	12.1	10.2	10.8
FINCH	9.2	11.0	12.4	11.2	11.8	9.9	10.2	11.4	8.2	11.5	11.0	8.2	11.8	12.5	10.2	11.6	11.5	10.5	10.8
WA007973	10.0	10.3	11.9	11.1	10.7	10.3	10.7	10.5	9.2	12.1	11.2	8.1	11.6	12.2	10.9	11.0	12.0	10.3	10.8
CASHUP	9.7	10.6	11.9	10.1	12.2	10.3	10.4	10.1	9.0	11.7	11.8	8.0	11.0	11.9	10.6	10.4	13.0	10.9	10.8
CONCEPT	9.1	11.2	11.7	9.8	12.3	9.8	10.4	10.7	8.7	11.8	11.8	8.3	11.3	11.9	10.4	10.9	12.3	10.5	10.7
MJ-9	9.9	10.1	12.2	10.6	11.1	10.4	10.2	11.0	8.6	12.0	11.6	7.3	11.5	11.9	10.0	11.6	12.5	10.0	10.7
ORSS-1757	9.3	10.6	12.3	10.8	11.6	10.3	10.1	10.3	9.0	11.4	11.9	7.7	11.1	11.5	10.6	11.2	11.8	10.5	10.7
CHUKAR	9.5	10.5	13.2	11.5	10.6	9.7	9.9	10.5	8.6	11.7	11.3	7.1	11.8	12.6	10.8	10.9	11.2	10.2	10.6
WA007971	9.4	10.0	12.6	10.5	11.0	9.9	10.8	10.7	8.4	11.3	11.5	8.2	11.4	12.3	10.5	11.1	11.6	10.2	10.6
ID990419	8.9	10.1	12.3	10.3	11.3	10.5	11.1	11.3	8.4	11.1	11.6	7.9	11.4	11.7	9.5	11.9	12.0	10.0	10.6
TUBBS	10.0	10.2	12.5	10.8	11.4	9.5	10.1	10.5	8.6	11.7	10.9	7.9	12.0	11.8	10.0	11.3	11.9	10.1	10.6
MASAMI	9.2	10.5	11.8	10.7	11.1	9.7	10.9	10.5	9.2	12.2	11.3	7.6	11.1	12.4	10.7	10.4	12.0	9.3	10.6
RJAMES	9.4	10.0	12.0	10.8	12.7	9.5	9.8	10.9	8.4	11.3	11.4	7.8	11.0	11.8	9.8	10.7	11.0	9.9	10.5
STATISTICS																			
C.V.	9.1	4.6	5.9	6.3	4.5	7.5	6.5	4.4	5.2	4.1	5.3	8.9	5.1	1.9	5.6	7.9	6.5	5.9	5.9
LSD	1.1	0.6	0.9	0.8	0.6	0.9	0.8	0.6	0.6	0.6	0.7	0.9	0.7	0.3	0.7	1.1	0.9	0.7	0.1
Average	9.9	10.7	12.5	11.1	11.8	10.5	10.7	11.1	9.1	12.0	11.7	8.3	11.8	12.3	10.9	11.6	12.4	10.6	11.0
Highest	11.4	11.6	13.4	12.4	13.3	12.2	11.5	11.9	10.0	13.4	12.8	9.7	13.1	12.8	12.4	13.3	13.9	11.4	11.9
Lowest	8.9	9.7	11.6	9.8	10.5	9.4	9.8	10.1	8.2	11.1	10.6	7.1	11.0	11.5	9.5	10.4	11.0	9.3	10.4

2006 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT ALMIRA, WA.

TABLE WA4162.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2006 YIELD (BU/A)	2006 TEST WT (LBS/BU)	2006 PROTEIN (%)	2006 LODGING (%)	2006 PLANT HT	2006 HEAD DATE
WA007973			139.2	156.6	60.1	10.0	2.5	34.3	157.6
RJAMES		121.4	130.9	155.5	59.1	9.4	20.0	32.3	158.4
TUBBS	119.8	130.1	135.5	153.2	60.3	10.0	0.0	36.8	157.3
ROD	118.2	124.0	135.0	152.3	59.8	9.8	5.0	35.3	159.5
WA007934		124.2	128.3	151.6	60.2	9.9	8.8	36.3	160.3
ELTAN	110.9	122.9	123.7	151.2	60.2	9.5	25.0	38.0	161.0
TUBBS 06				150.6	60.0	9.3	0.0	37.8	157.6
MASAMI	114.7	122.0	132.4	149.9	59.4	9.2	3.8	37.5	161.0
WA007971			128.4	149.3	58.5	9.4	0.0	35.0	160.3
GEORGE		118.4	120.7	146.8	59.5	9.4	23.8	36.5	161.0
WA007935		117.5	120.6	146.4	60.0	9.4	18.8	37.5	161.0
ARS00258				146.2	61.1	10.0	5.0	37.8	158.8
BRUEHL	112.8	120.3	127.4	146.0	58.3	10.1	0.0	39.5	161.0
ID990419				146.0	60.6	8.9	0.0	35.0	160.3
HUBBARD	109.7	117.6	122.8	143.8	61.2	9.7	0.0	39.0	158.0
MJ-9	108.1	112.5	120.7	142.6	59.6	9.9	0.0	35.5	159.5
MADSEN/ROD				142.4	60.1	9.8	0.0	35.3	159.5
LEWJAIN	107.7	114.7	119.3	142.0	60.9	10.0	23.8	36.0	160.6
WA008000				141.9	60.7	10.4	0.0	38.0	161.0
ARS99123				141.1	61.1	9.6	0.0	38.3	158.0
RELY	110.1	116.3	124.9	140.8	60.9	10.0	11.3	39.8	158.8
ORCF-102			123.2	140.8	60.6	10.2	0.0	37.0	158.4
LAMBERT	110.6	117.1	126.5	140.6	60.3	9.9	0.0	36.5	155.0
HILL 81	105.9	112.9	120.7	140.3	60.9	9.9	0.0	39.8	158.8
HILLER	105.2	109.9	120.4	139.4	58.5	10.1	0.0	38.8	157.6
9222407A				139.2	61.0	10.0	0.0	39.3	159.1
CODA	104.9	108.1	119.0	137.9	62.2	10.3	2.5	41.8	159.1
MOHLER	111.9	118.0	126.3	137.2	60.9	10.0	7.5	35.3	156.1
FINCH	112.7	115.1	124.4	136.9	61.3	9.2	0.0	36.8	161.0
ORSS-1757			123.6	136.8	60.2	9.3	0.0	34.3	155.8
MJ-4	101.8	109.4	117.0	136.7	59.3	9.8	0.0	34.5	160.6
BRUNDAGE 96	106.5	110.7	119.3	136.6	59.8	8.9	0.0	37.0	156.5
CHUKAR	112.3	119.5	125.4	136.5	59.5	9.5	0.0	36.3	159.1
ARS97135-9		109.3	121.9	136.4	59.4	9.1	0.0	37.5	159.1
ARS00235		112.7	122.0	136.3	61.6	10.3	1.3	40.8	159.1
WB 528		114.1	122.7	134.4	61.9	10.1	0.0	32.8	151.3
ARSC96059-1			125.9	134.1	62.8	10.9	0.0	39.5	158.4
SIMON	105.0	108.2	117.7	134.0	60.2	9.7	0.0	37.3	157.6
STEPHENS	102.3	108.2	120.2	133.6	60.6	10.1	0.0	33.5	155.0
ARSC96059-2				133.4	62.0	10.2	0.0	37.8	158.4
CASHUP	106.1	109.9	121.0	133.4	60.9	9.7	0.0	34.5	158.0
MADSEN	103.3	105.8	113.4	132.6	60.5	10.4	0.0	37.0	159.1
IDAHO 587		112.0	121.3	132.6	60.9	10.3	1.3	33.3	155.0
BU6W00-523				130.6	61.7	9.7	0.0	34.5	155.8
ID990435				130.4	59.6	9.0	0.0	38.5	156.1
WA007970			111.2	130.0	60.9	10.3	0.0	35.8	160.6
CONCEPT		109.0	122.6	129.2	60.5	9.1	0.0	35.3	158.8
BZ6WM02-1020				128.3	60.4	9.9	0.0	33.3	159.5
EDWIN	97.1	105.2	104.4	127.7	62.5	10.2	0.0	40.3	157.3
BU6W99-456				122.3	62.6	10.9	0.0	34.8	149.8
ORCF-101		96.9	113.2	117.7	60.8	10.8	0.0	35.8	155.8
BZ6WM02-1154				110.6	62.0	11.2	0.0	34.8	153.9
ORH010920				98.3	60.2	11.4	0.0	32.0	150.9
WA007999				89.9	58.6	10.6	0.0	28.5	156.5
C.V. %	7.7	7.9	7.5	6.8	0.8	9.1	--	--	--
LSD '@ .10'	4.5	6.2	7.7	10.9	0.6	1.1	--	--	--
Average	108.6	114.4	122.9	137.2	60.5	9.9	3.0	36.4	158.0
Highest	119.8	130.1	139.2	156.6	62.8	11.4	25.0	41.8	161.0
Lowest	97.1	96.9	104.4	89.9	58.3	8.9	0.0	28.5	149.8

2006 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT ANATONE, WA.

TABLE WA4134.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2006 YIELD (BU/A)	2006 TEST WT (LBS/BU)	2006 PROTEIN (%)	2006 LODGING (%)	2006 PLANT HT	2006 HEAD DATE
ORCF-102			102.9	102.0	59.0	10.6	0	36.3	156.4
WA007935		99.7	94.9	99.9	58.0	10.5	0	36.5	159.0
MADSEN/ROD				97.8	58.3	10.3	0	34.8	157.5
SIMON	79.6	86.6	98.7	96.8	58.5	10.4	0	37.3	155.6
CODA	87.4	98.1	97.7	96.6	61.3	10.5	0	37.5	157.1
9222407A				96.4	59.2	9.7	0	38.0	157.1
MJ-9	92.8	105.4	100.6	96.4	57.7	10.1	0	34.5	157.5
WA007971			96.5	96.1	57.0	10.0	0	32.8	158.3
WA007973			102.3	96.0	58.9	10.3	0	34.8	155.6
RJAMES		102.3	103.6	96.0	56.5	10.0	0	33.0	156.4
WB 528		101.5	102.6	95.8	60.3	10.6	0	35.5	149.3
ID990419				94.7	58.8	10.1	0	35.5	158.3
GEORGE		102.6	94.0	94.7	57.6	10.5	0	36.3	159.0
BU6W00-523				94.3	60.5	10.6	0	34.3	153.8
ROD	91.9	103.9	99.8	93.5	58.0	10.1	0	32.8	157.5
BZ6WM02-1020				92.9	58.4	10.5	0	33.8	157.5
MOHLER	89.0	98.8	100.3	91.7	58.0	10.6	0	35.5	154.1
HUBBARD	83.5	94.4	93.6	91.4	59.8	10.6	0	40.8	156.0
ELTAN	84.7	99.4	91.1	91.1	58.6	10.6	0	35.5	159.0
MADSEN	83.5	95.7	96.7	90.5	58.2	10.8	0	35.5	157.1
ID990435				89.7	58.5	10.4	0	38.5	154.1
ORCF-101		96.6	97.5	89.7	58.5	11.2	0	34.3	153.8
CONCEPT		97.7	94.3	89.5	59.7	11.2	0	32.5	156.8
LAMBERT	81.1	85.9	97.0	89.2	58.7	11.0	0	37.3	153.0
HILL 81	83.7	93.1	89.8	89.0	59.0	10.9	0	37.8	156.8
WA007934		100.2	91.2	88.3	58.2	10.3	0	35.5	158.3
ORSS-1757			97.9	87.9	57.9	10.6	0	35.8	153.8
ORH010920				87.8	58.4	11.0	0	30.5	148.9
WA008000				87.4	58.3	10.5	0	35.5	159.0
WA007970			84.9	87.2	58.8	10.7	0	34.8	158.6
MJ-4	80.6	91.2	94.8	87.2	56.8	10.3	0	33.8	158.6
TUBBS	89.2	101.7	100.9	86.7	57.2	10.2	0	37.0	155.3
FINCH	87.0	97.9	94.7	86.6	59.1	11.0	0	36.3	159.0
BU6W99-456				85.7	60.4	11.6	0	32.8	147.8
ARSC96059-2				85.3	59.3	11.0	0	38.8	156.4
CASHUP	85.9	98.9	93.4	85.2	59.5	10.6	0	32.0	156.0
TUBBS 06				84.5	57.2	10.5	0	37.0	155.6
BRUEHL	85.2	98.0	98.0	84.4	56.1	10.7	0	35.3	159.0
MASAMI	93.3	107.4	97.1	83.7	57.4	10.5	0	34.3	159.0
RELY	85.5	93.7	92.2	83.6	58.4	10.9	0	33.8	156.8
STEPHENS	82.8	89.4	89.3	82.7	57.2	11.4	0	33.8	153.0
ARS00258				82.6	59.6	10.5	0	32.5	156.8
LEWJAIN	81.4	91.0	88.7	82.4	58.7	11.0	0	31.8	158.6
IDAHO 587		91.8	91.9	81.2	58.0	11.0	0	33.8	153.0
BZ6WM02-1154				81.2	60.1	11.6	0	33.0	151.9
BRUNDAGE 96	83.5	93.6	95.0	81.0	56.8	11.1	0	32.5	154.5
HILLER	83.6	96.8	95.2	80.8	56.4	11.0	0	31.8	155.6
ARSC96059-1			90.1	79.1	60.4	10.9	0	38.5	156.4
ARS00235		85.3	86.3	78.0	59.8	10.1	0	36.3	157.1
CHUKAR	85.1	97.4	85.5	76.3	57.9	10.5	0	33.8	157.1
EDWIN	82.7	95.8	84.3	73.9	59.8	11.4	0	37.0	155.3
WA007999				71.6	55.8	11.1	0	28.3	154.5
ARS99123				70.2	59.4	11.1	0	30.5	156.0
ARS97135-9		86.6	79.8	65.3	57.2	11.1	0	30.5	157.1
C.V. %	9.4	8.7	9.1	9.2	0.8	4.6	--	--	--
LSD '@. 10'	4.3	5.5	7.0	9.4	0.5	0.6	--	--	--
Average	85.3	96.3	94.5	87.6	58.5	10.7	0	34.8	156.0
Highest	93.3	107.4	103.6	102.0	61.3	11.6	0	40.8	159.0
Lowest	79.6	85.3	79.8	65.3	55.8	9.7	0	28.3	147.8

2006 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT BICKLETON, WA.

TABLE WA4137.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2006 YIELD (BU/A)	2006 TEST WT (LBS/BU)	2006 PROTEIN (%)	2006 LODGING (%)	2006 PLANT HT	2006 HEAD DATE
HUBBARD	--	--	--	65.4	59.4	12.1	0	30.0	159.6
WA007935	--	--	--	64.8	56.6	12.4	0	26.0	163.8
ELTAN	--	--	--	63.8	57.9	12.2	0	25.0	163.4
WA007973	--	--	--	63.5	57.1	11.9	0	26.0	161.1
TUBBS 06	--	--	--	63.3	54.6	13.0	0	28.0	160.0
BRUEHL	--	--	--	62.0	54.0	13.3	0	28.0	162.6
TUBBS	--	--	--	61.7	55.3	12.5	0	28.0	159.3
BU6W00-523	--	--	--	61.4	59.3	12.6	0	24.0	157.8
ID990419	--	--	--	60.7	56.2	12.3	0	26.0	162.3
WA007934	--	--	--	60.4	56.7	12.2	0	26.0	162.3
ORCF-102	--	--	--	60.1	57.5	12.5	0	30.0	158.9
HILL 81	--	--	--	59.9	56.5	12.9	0	31.0	160.0
BZ6WM02-1020	--	--	--	59.8	57.5	12.1	0	25.0	158.9
SIMON	--	--	--	58.7	56.8	12.2	0	24.0	145.8
9222407A	--	--	--	58.7	58.0	12.5	0	26.0	160.8
ARSC96059-2	--	--	--	58.5	58.2	12.2	0	24.0	160.0
ID990435	--	--	--	58.4	56.7	12.3	0	30.0	154.8
MASAMI	--	--	--	57.7	56.3	11.8	0	25.0	161.9
WA007970	--	--	--	57.7	57.1	12.7	0	25.0	163.8
CHUKAR	--	--	--	57.6	55.4	13.2	0	27.0	163.8
CONCEPT	--	--	--	57.2	59.2	11.7	0	24.0	158.9
WA007971	--	--	--	57.1	53.4	12.6	0	26.0	166.4
RJAMES	--	--	--	57.0	54.6	12.0	0	20.0	163.0
GEORGE	--	--	--	56.9	55.0	12.8	0	25.0	164.1
ARS99123	--	--	--	56.7	58.3	12.4	0	21.0	160.0
LAMBERT	--	--	--	56.3	57.1	12.1	0	27.0	155.9
ROD	--	--	--	56.2	54.8	12.4	0	24.0	161.9
STEPHENS	--	--	--	56.0	56.7	13.0	0	26.0	157.0
MJ-9	--	--	--	55.6	55.1	12.2	0	24.0	160.4
MADSEN/ROD	--	--	--	55.5	55.3	12.5	0	25.0	162.3
BU6W99-456	--	--	--	54.5	60.5	13.2	0	22.0	157.4
ORH010920	--	--	--	53.9	57.1	12.5	0	20.0	158.1
ARS00258	--	--	--	53.7	59.5	12.4	0	22.0	160.8
BRUNDAGE 96	--	--	--	53.4	54.7	12.8	0	24.0	158.9
ARSC96059-1	--	--	--	53.0	58.6	12.6	0	24.0	159.6
ARS00235	--	--	--	52.7	56.6	13.3	0	26.0	164.1
MJ-4	--	--	--	52.6	53.7	12.7	0	25.0	161.5
CODA	--	--	--	52.4	59.6	11.6	0	26.0	160.8
LEWJAIN	--	--	--	52.2	57.8	12.7	0	22.0	162.6
HILLER	--	--	--	52.0	53.9	12.6	0	22.0	161.5
FINCH	--	--	--	52.0	58.7	12.4	0	23.0	164.9
RELY	--	--	--	51.8	57.8	12.3	0	22.0	161.5
EDWIN	--	--	--	51.7	59.1	12.4	0	26.0	160.0
WB 528	--	--	--	50.9	59.2	12.1	0	25.0	156.6
CASHUP	--	--	--	50.6	58.7	11.9	0	23.0	159.3
ORCF-101	--	--	--	50.3	55.3	12.7	0	27.0	157.8
MOHLER	--	--	--	49.6	55.6	12.9	0	26.0	158.1
MADSEN	--	--	--	49.5	56.6	12.7	0	26.0	159.6
IDAHO 587	--	--	--	49.2	57.2	12.3	0	25.0	157.4
WA008000	--	--	--	49.1	57.3	12.5	0	24.0	161.9
BZ6WM02-1154	--	--	--	49.0	59.6	13.2	0	24.0	157.4
ORSS-1757	--	--	--	48.5	56.9	12.3	0	27.0	159.6
ARS97135-9	--	--	--	42.5	53.9	13.4	0	22.0	164.1
WA007999	--	--	--	40.3	52.3	12.5	0	20.0	160.0
C.V. %	--	--	--	14.7	2.7	5.9	--	--	--
LSD '@ .10'	--	--	--	9.5	1.8	0.9	--	--	--
Average	--	--	--	55.4	56.8	12.5	0	25.0	160.3
Highest	--	--	--	65.4	60.5	13.4	0	31.0	166.4
Lowest	--	--	--	40.3	52.3	11.6	0	20.0	145.8

2006 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT COLTON, WA.

TABLE WA4150.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2006 YIELD (BU/A)	2006 TEST WT (LBS/BU)	2006 PROTEIN (%)	2006 LODGING (%)	2006 PLANT HT	2006 HEAD DATE
ORCF-102			150.7	130.3	61.0	11.2	0.0	41.0	155.6
TUBBS	130.2	137.0	148.4	128.8	59.0	10.8	0.0	40.3	155.6
ID990435				127.7	60.1	11.1	0.0	41.0	154.1
WA007973			147.3	124.4	58.8	11.1	0.0	40.0	160.1
BU6W00-523				122.3	62.1	11.0	0.0	38.3	156.0
TUBBS 06				121.2	58.5	10.8	0.0	41.5	155.3
MJ-9	128.0	128.6	141.2	121.2	57.3	10.6	0.0	39.3	158.3
CODA	124.1	128.6	132.8	120.8	62.0	11.4	12.5	44.0	159.8
LAMBERT	125.5	131.7	137.1	120.7	60.3	11.1	0.0	41.0	155.6
RELY	127.0	128.6	133.8	119.6	60.0	10.8	2.5	42.3	159.8
WB 528		125.0	129.6	119.2	61.7	10.7	0.0	37.8	154.9
ARS00258				118.7	60.9	11.3	0.0	38.8	159.8
HUBBARD	128.1	134.4	140.6	118.6	61.3	10.8	0.0	45.0	156.4
MADSEN	122.4	123.6	133.6	118.0	59.7	11.5	0.0	38.8	159.4
ORCF-101		127.9	139.1	117.8	60.6	11.1	0.0	38.3	156.0
BZ6WM02-1020				116.3	60.0	11.1	0.0	38.8	158.6
ARS99123				115.9	60.5	11.1	0.0	37.8	157.1
ARSC96059-1			135.3	115.8	62.5	11.5	0.0	43.3	159.8
BU6W99-456				115.5	62.6	11.8	0.0	36.3	155.3
MOHLER	133.3	131.7	140.9	115.4	59.9	10.4	0.0	40.0	155.3
WA007971			135.1	115.0	56.2	10.5	0.0	37.0	162.0
ELTAN	127.8	130.9	137.9	114.9	60.2	11.0	0.0	41.0	161.6
BRUNDAGE 96	118.8	117.3	126.4	113.6	58.7	11.1	0.0	37.0	157.5
CONCEPT		124.1	129.3	113.5	60.1	9.8	0.0	36.0	157.9
MADSEN/ROD				113.5	59.6	11.0	0.0	37.8	158.3
MASAMI	121.6	124.6	134.2	113.3	57.5	10.7	7.5	39.8	160.9
WA007935		126.4	133.0	113.2	59.2	11.3	6.3	40.3	163.5
CASHUP	120.0	125.2	133.9	112.9	60.3	10.1	0.0	37.8	158.6
STEPHENS	124.5	129.4	134.5	111.3	61.1	11.1	0.0	35.5	154.9
HILL 81	122.0	125.6	134.4	110.9	60.5	11.4	0.0	41.5	157.1
SIMON	122.7	119.3	126.9	110.1	59.5	11.0	0.0	38.5	157.5
ID990419				109.7	59.6	10.3	0.0	38.8	159.4
BZ6WM02-1154				109.1	61.9	11.4	0.0	37.8	154.9
WA008000				108.7	59.4	11.2	0.0	40.3	160.9
ROD	132.9	136.5	140.5	108.4	57.1	11.3	0.0	37.5	160.5
RJAMES		128.5	135.1	108.0	56.7	10.8	0.0	36.3	160.5
GEORGE		118.8	131.3	107.7	57.5	11.6	3.8	41.5	164.3
CHUKAR	128.0	129.6	137.4	106.4	57.8	11.5	0.0	39.0	161.6
ARSC96059-2				106.0	61.4	12.4	0.0	42.5	159.8
LEWJAIN	115.9	116.8	120.0	106.0	59.6	11.5	0.0	36.8	161.3
ARS97135-9		123.3	130.1	105.5	57.6	11.7	0.0	36.8	160.1
IDAHO 587		124.4	134.8	105.4	59.9	11.2	0.0	35.0	156.0
HILLER	124.2	124.1	126.0	105.3	57.4	10.6	0.0	39.0	157.9
BRUEHL	122.5	123.2	132.0	104.9	56.8	11.9	12.5	41.0	162.8
9222407A				104.7	60.2	10.8	0.0	40.5	158.6
FINCH	125.7	125.8	133.2	104.5	59.5	11.2	0.0	39.8	161.6
ARS00235		122.4	127.8	103.2	60.8	11.1	0.0	42.3	161.6
WA007934		127.9	132.2	103.2	58.8	11.4	3.8	40.8	160.1
ORSS-1757			133.4	101.8	59.2	10.8	0.0	38.3	154.9
WA007970			123.3	98.4	59.3	11.9	0.0	39.0	160.9
EDWIN	106.7	105.6	105.4	96.0	60.2	12.1	0.0	43.0	157.9
ORH010920				93.5	58.3	11.7	0.0	33.8	156.4
MJ-4	115.9	115.6	119.6	90.6	55.2	11.8	0.0	36.5	161.6
WA007999				90.2	56.7	11.2	0.0	31.8	158.6
C.V. %	7.1	7.3	6.8	9.0	1.5	6.3	--	--	--
LSD '@. 10'	4.5	6.2	7.3	11.7	1.1	0.8	--	--	--
Average	123.8	125.5	133.3	111.6	59.5	11.1	0.9	39.2	158.6
Highest	133.3	137.0	150.7	130.3	62.6	12.4	12.5	45.0	164.3
Lowest	106.7	105.6	105.4	90.2	55.2	9.8	0.0	31.8	154.1

2006 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT CONNELL, WA.

TABLE WA4147.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2006 YIELD (BU/A)	2006 TEST WT (LBS/BU)	2006 PROTEIN (%)	2006 LODGING (%)	2006 PLANT HT	2006 HEAD DATE
WA007973	--	--	--	81.7	60.6	10.7	0	29.8	142.5
TUBBS	--	--	--	79.6	61.0	11.4	0	28.5	138.8
CHUKAR	--	--	--	76.7	59.2	10.6	0	28.0	143.3
MJ-9	--	--	--	76.4	60.1	11.1	0	26.5	140.6
WA008000	--	--	--	75.3	60.8	11.4	0	26.8	142.9
MASAMI	--	--	--	75.2	60.8	11.1	0	28.8	142.9
ARSC96059-2	--	--	--	75.1	62.3	12.0	0	29.5	139.9
CODA	--	--	--	74.6	62.4	11.7	0	28.5	141.8
WA007970	--	--	--	74.1	61.0	11.6	0	27.0	144.4
ARSC96059-1	--	--	--	73.9	62.3	12.2	0	29.8	140.6
GEORGE	--	--	--	73.7	60.0	12.3	0	30.3	144.0
MADSEN	--	--	--	72.3	61.0	11.5	0	27.5	141.4
ROD	--	--	--	72.1	59.6	11.1	0	27.0	142.5
ID990419	--	--	--	72.0	60.8	11.3	0	28.3	142.5
ARS00235	--	--	--	71.8	61.0	12.0	0	28.3	143.6
MADSEN/ROD	--	--	--	71.6	60.6	11.7	0	27.3	141.0
HILLER	--	--	--	71.5	59.8	10.5	0	28.3	141.0
LEWJAIN	--	--	--	71.5	61.7	11.7	0	28.0	144.4
MOHLER	--	--	--	71.3	61.5	11.9	0	27.5	139.1
BU6W00-523	--	--	--	71.0	62.3	12.2	0	28.3	139.1
WA007971	--	--	--	70.8	58.0	11.0	0	26.5	143.6
ORCF-102	--	--	--	70.7	61.5	11.3	0	28.8	140.3
MJ-4	--	--	--	70.6	58.6	11.9	0	27.3	142.9
SIMON	--	--	--	70.4	60.7	11.7	0	28.8	139.5
ID990435	--	--	--	70.4	60.4	11.9	0	29.5	138.4
ARS97135-9	--	--	--	69.2	59.3	11.0	0	26.5	142.9
ELTAN	--	--	--	69.1	60.8	12.2	0	30.0	143.3
HILL 81	--	--	--	69.1	61.5	11.7	0	28.5	141.0
FINCH	--	--	--	68.9	61.1	11.8	0	27.5	144.8
BRUNDAGE 96	--	--	--	68.9	60.8	11.1	0	24.5	138.4
TUBBS 06	--	--	--	68.7	60.6	11.2	0	28.3	139.9
EDWIN	--	--	--	68.4	62.2	11.1	0	29.5	140.6
BZ6WM02-1020	--	--	--	68.2	61.5	11.7	0	27.3	141.8
RELY	--	--	--	67.9	61.5	11.8	0	27.3	142.5
ARS00258	--	--	--	67.3	62.1	11.8	0	27.3	142.1
ORCF-101	--	--	--	67.2	60.9	11.6	0	27.3	139.5
LAMBERT	--	--	--	66.4	61.2	11.0	0	28.5	137.3
BRUEHL	--	--	--	65.6	60.3	12.3	0	31.0	142.9
WA007935	--	--	--	65.5	60.5	12.3	0	30.3	144.4
HUBBARD	--	--	--	65.3	61.8	12.3	0	32.3	140.3
IDAHO 587	--	--	--	64.4	60.9	12.1	0	25.8	138.4
WA007934	--	--	--	64.3	60.5	11.8	0	29.3	142.5
CONCEPT	--	--	--	64.3	62.5	12.3	0	27.0	141.0
STEPHENS	--	--	--	63.3	60.5	11.4	0	25.8	137.6
9222407A	--	--	--	62.8	61.3	12.6	0	29.3	141.8
WB 528	--	--	--	62.0	62.6	12.1	0	26.8	138.0
ORSS-1757	--	--	--	61.2	61.2	11.6	0	26.3	139.5
CASHUP	--	--	--	59.5	62.4	12.2	0	27.8	140.6
RJAMES	--	--	--	58.1	59.7	12.7	0	26.0	142.1
BZ6WM02-1154	--	--	--	57.0	61.2	12.9	0	21.8	139.9
ORH010920	--	--	--	56.3	61.0	12.7	0	24.0	138.0
BU6W99-456	--	--	--	53.2	63.1	13.0	0	24.5	138.8
WA007999	--	--	--	51.5	57.9	12.2	0	22.3	140.6
ARS99123	--	--	--	46.4	61.5	13.3	0	24.3	138.4
C.V. %	--	--	--	7.3	0.6	4.5	--	--	--
LSD '@. 10'	--	--	--	5.8	0.4	0.6	--	--	--
Average	--	--	--	68.0	60.9	11.8	0	27.6	141.1
Highest	--	--	--	81.7	63.1	13.3	0	32.3	144.8
Lowest	--	--	--	46.4	57.9	10.5	0	21.8	137.3

2006 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT CRESTON, WA.

TABLE WA4155.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2006 YIELD (BU/A)	2006 TEST WT (LBS/BU)	2006 PROTEIN (%)	2006 LODGING (%)	2006 PLANT HT	2006 HEAD DATE
MJ-9	107.5	108.3	117.6	121.3	58.1	10.4	0.0	37.5	156.5
GEORGE		108.0	116.1	120.8	58.9	9.4	0.0	40.3	160.3
ARSC96059-2				120.2	60.4	10.2	0.0	42.5	156.1
WA007973			116.9	119.1	58.5	10.3	0.0	36.0	158.0
CODA	102.3	105.8	106.0	118.9	61.2	10.2	0.0	41.3	158.8
WB 528		98.6	108.0	118.5	60.6	11.2	0.0	36.5	150.1
LAMBERT	101.8	99.0	110.4	118.4	59.5	10.5	0.0	40.0	154.3
CHUKAR	109.7	111.4	119.4	117.9	57.7	9.7	0.0	39.0	159.1
ORCF-102			110.6	116.7	59.8	10.2	0.0	40.8	154.6
FINCH	105.9	108.6	115.6	116.6	60.2	9.9	0.0	39.3	160.3
TUBBS 06				116.6	58.7	10.4	0.0	38.8	155.8
ELTAN	102.7	99.7	105.5	116.3	59.4	10.2	40.0	38.0	160.6
WA007935		101.9	114.5	116.1	59.0	10.3	0.0	38.8	160.6
BU6W00-523				115.1	60.4	10.5	0.0	36.8	151.3
ARS97135-9		106.4	116.3	115.0	57.6	10.7	0.0	37.0	158.8
ROD	105.2	106.4	110.3	114.8	57.9	10.1	0.0	36.0	157.6
ARS00235		103.2	110.0	114.7	60.2	10.4	0.0	42.0	158.8
WA007971			116.8	114.5	56.8	9.9	0.0	34.8	159.5
HUBBARD	98.3	100.1	100.2	114.4	60.0	10.3	0.0	44.5	156.5
MADSEN/ROD				114.3	58.5	10.7	0.0	37.0	158.0
BRUNDAGE 96	105.3	105.7	113.1	113.7	58.6	10.7	0.0	35.5	155.0
TUBBS	110.7	113.2	116.7	113.6	58.7	9.5	0.0	38.3	154.3
ARSC96059-1			114.6	113.3	61.2	11.5	0.0	42.0	157.3
MJ-4	105.0	106.4	118.5	111.9	58.1	9.9	0.0	37.5	159.9
WA008000				111.8	59.6	11.0	0.0	39.3	158.4
BU6W99-456				111.7	60.9	11.9	0.0	35.0	149.0
MOHLER	103.2	101.5	111.8	111.1	59.3	10.8	0.0	37.8	153.1
SIMON	96.5	99.2	114.9	110.9	59.0	9.9	0.0	39.3	156.5
WA007970			111.8	110.7	60.1	10.8	0.0	39.3	160.3
WA007934		104.9	114.5	110.6	58.6	10.3	0.0	37.8	159.9
BRUEHL	106.0	103.7	106.5	109.7	57.7	10.6	0.0	39.0	160.3
HILL 81	98.7	98.5	102.5	109.7	59.7	10.4	0.0	40.5	156.9
RJAMES		96.0	111.4	109.6	57.3	9.5	0.0	33.3	157.6
CASHUP	101.3	102.2	107.8	108.5	59.5	10.3	0.0	35.3	156.5
BZ6WM02-1020				107.3	59.4	10.6	0.0	36.8	159.1
MASAMI	107.5	108.0	114.4	106.1	57.6	9.7	0.0	37.0	160.3
RELY	99.8	96.9	97.8	105.3	59.0	9.9	0.0	40.8	158.0
HILLER	101.6	102.6	105.4	105.0	56.9	10.6	0.0	37.8	157.6
ORSS-1757			106.0	104.4	59.0	10.3	0.0	37.0	152.0
ARS00258				103.9	59.5	10.5	0.0	36.0	157.6
ID990419				103.9	59.5	10.5	0.0	36.8	159.1
9222407A				102.1	59.7	10.7	0.0	40.0	158.8
CONCEPT		100.9	105.8	102.1	59.0	9.8	0.0	33.0	155.8
ORCF-101		96.6	104.0	101.5	59.1	11.3	0.0	36.8	152.0
LEWJAIN	98.0	97.7	104.0	101.4	59.3	10.3	0.0	34.3	161.0
ID990435				100.9	58.3	10.5	0.0	39.0	152.0
MADSEN	98.0	99.0	104.2	100.4	58.7	10.9	0.0	37.5	158.0
ARS99123				99.6	59.4	9.9	0.0	36.8	154.6
STEPHENS	97.1	94.2	96.3	96.6	58.9	11.3	0.0	34.0	152.0
BZ6WM02-1154				93.9	60.6	11.3	0.0	35.0	149.0
EDWIN	92.8	90.0	84.7	91.0	60.6	10.1	0.0	41.5	156.5
IDAHO 587		91.3	94.7	90.9	58.7	11.3	0.0	33.5	151.3
WA007999				90.6	57.9	11.7	0.0	29.0	156.5
ORH010920				83.8	57.6	12.2	0.0	30.5	149.8
C.V. %	8.2	8.5	8.9	9.2	0.9	7.5	--	--	--
LSD '@ .10'	4.4	5.9	8.0	11.8	0.6	0.9	--	--	--
Average	102.4	102.0	109.1	109.0	59.1	10.5	0.7	37.6	156.5
Highest	110.7	113.2	119.4	121.3	61.2	12.2	40.0	44.5	161.0
Lowest	92.8	90.0	84.7	83.8	56.8	9.4	0.0	29.0	149.0

2006 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT DAYTON, WA.

TABLE WA4116.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2006 YIELD (BU/A)	2006 TEST WT (LBS/BU)	2006 PROTEIN (%)	2006 LODGING (%)	2006 PLANT HT	2006 HEAD DATE
ORCF-102			144.5	150.4	60.6	11.3	0	40.3	144.0
WB 528		124.5	144.7	147.1	61.3	10.2	0	35.3	140.3
TUBBS 06				142.4	59.8	10.6	0	41.5	143.3
BU6W99-456				141.3	62.4	10.4	0	35.5	140.3
TUBBS	126.9	124.8	132.5	140.1	59.5	10.1	0	41.3	142.5
BU6W00-523				140.0	60.8	11.1	0	36.8	142.5
STEPHENS	123.1	120.8	133.9	139.8	59.3	10.6	0	35.8	142.1
MADSEN/ROD				139.0	59.3	11.0	0	38.8	144.4
ARSC96059-2				138.7	60.9	10.8	0	43.0	145.5
HILLER	118.0	113.8	122.6	138.5	57.3	10.5	0	39.3	145.1
ORH010920				138.4	59.5	10.6	0	32.5	140.3
SIMON	120.9	120.2	131.4	138.2	59.8	10.2	0	40.0	142.9
ROD	128.6	125.0	134.0	137.5	58.7	10.3	0	36.8	145.1
CODA	121.1	116.1	125.9	137.2	61.6	10.4	0	41.3	145.5
CHUKAR	128.8	122.8	131.5	137.1	58.5	9.9	0	38.5	145.9
MJ-9	124.7	116.4	125.9	136.9	57.3	10.2	0	37.0	145.9
ARS00258				136.6	59.8	10.4	0	40.3	144.4
FINCH	121.8	117.5	126.8	135.3	61.0	10.2	0	39.8	147.0
MOHLER	121.7	116.8	126.2	135.0	60.1	10.0	0	40.3	143.3
CONCEPT		116.5	131.2	134.5	60.0	10.4	0	35.5	145.1
HILL 81	125.3	121.6	133.8	133.6	60.4	11.2	0	41.3	145.9
BZ6WM02-1020				133.6	60.2	11.2	0	37.8	145.9
RELY	115.2	107.8	114.6	133.0	60.1	10.4	0	41.3	144.0
ORSS-1757			130.1	133.0	59.5	10.1	0	38.3	142.1
ARSC96059-1			124.2	132.8	61.8	10.7	0	43.0	144.0
BRUNDAGE 96	120.1	119.2	127.1	132.2	59.3	11.3	0	37.0	144.0
ORCF-101		114.7	120.1	130.8	59.3	11.4	0	37.0	142.9
ARS99123				130.7	61.4	10.3	0	37.5	142.1
WA007973			123.1	130.6	59.9	10.7	0	38.5	145.1
MADSEN	119.2	117.1	128.6	129.9	60.0	10.7	0	39.0	144.4
ARS97135-9		121.0	129.6	129.7	58.1	10.6	0	35.3	146.6
LAMBERT	115.0	113.3	126.9	129.6	59.3	10.1	0	40.8	142.5
9222407A				128.5	60.7	11.1	0	40.5	145.1
BRUEHL	119.8	113.1	119.1	127.9	57.0	10.7	0	40.3	147.0
MJ-4	116.1	114.3	120.2	127.1	58.3	10.5	0	38.3	147.0
IDAHO 587		112.5	124.8	125.8	58.2	10.8	0	36.8	142.1
RJAMES		120.8	125.5	125.3	58.3	9.8	0	35.8	144.0
CASHUP	114.9	111.5	124.1	124.3	60.0	10.4	0	36.0	144.4
ARS00235		108.7	117.2	123.1	60.8	10.8	0	43.0	145.9
WA007970			119.6	122.5	61.0	11.1	0	38.8	147.0
WA007971			119.5	121.7	57.4	10.8	0	34.8	147.4
MASAMI	117.5	112.4	118.6	120.5	58.2	10.9	0	38.8	146.3
WA007935		107.3	111.5	120.4	59.1	11.5	0	39.8	147.0
LEWJAIN	106.8	101.9	105.1	119.3	60.5	10.9	0	37.5	147.0
ID990435				119.3	59.7	10.4	0	40.3	142.9
WA007999				119.0	58.2	11.1	0	30.0	143.6
HUBBARD	115.6	109.3	117.5	117.6	59.9	10.8	0	43.8	144.8
WA007934		108.2	111.1	117.2	59.2	11.5	0	39.5	146.6
ID990419				116.5	60.0	11.1	0	37.5	147.4
WA008000				116.4	60.3	11.1	0	38.8	146.3
GEORGE		102.2	102.2	116.0	58.9	11.4	0	42.0	147.0
ELTAN	111.7	110.0	113.0	114.9	59.5	10.9	0	41.0	147.0
BZ6WM02-1154				108.6	62.2	10.5	0	37.8	141.0
EDWIN	97.5	93.2	94.0	106.0	62.2	10.8	0	44.5	145.9
C.V. %	7.9	7.2	7.0	7.2	0.8	6.5	--	--	--
LSD '@. 10'	5.0	5.7	7.2	11.0	0.5	0.8	--	--	--
Average	118.7	114.4	123.4	129.6	59.8	10.7	0	38.7	144.6
Highest	128.8	125.0	144.7	150.4	62.4	11.5	0	44.5	147.4
Lowest	97.5	93.2	94.0	106.0	57.0	9.8	0	30.0	140.3

2006 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT DUSTY, WA.

TABLE WA4127.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2006 YIELD (BU/A)	2006 TEST WT (LBS/BU)	2006 PROTEIN (%)	2006 LODGING (%)	2006 PLANT HT	2006 HEAD DATE
WA007973			96.6	91.8	58.9	10.5	0	32.3	151.5
RELY	98.7	103.4	93.3	86.4	59.2	10.6	0	30.3	152.3
CODA	92.2	92.9	91.7	84.7	60.9	10.8	0	30.8	151.9
ROD	101.0	102.6	88.7	83.3	58.1	10.6	0	28.5	151.9
TUBBS	103.2	110.6	93.7	83.3	59.2	10.5	0	31.3	150.0
BRUEHL	94.4	95.3	92.8	82.8	57.9	11.5	0	33.5	153.4
ORCF-102			87.8	81.7	60.2	11.0	0	31.0	150.0
ORCF-101		98.3	88.7	81.2	59.0	11.2	0	29.5	150.0
ARSC96059-1			90.2	81.1	60.4	11.9	0	33.3	151.5
ARS00258				81.0	59.7	10.8	0	29.8	151.5
TUBBS 06				80.9	59.3	11.2	0	31.5	150.0
GEORGE		100.2	92.3	80.8	59.2	11.0	0	32.5	153.4
ARSC96059-2				80.3	60.4	11.5	0	33.8	151.9
MOHLER	97.0	100.0	85.3	80.2	59.9	10.8	0	30.5	150.0
WB 528		97.0	82.1	80.2	61.3	10.9	0	28.3	147.0
MADSEN/ROD				80.1	59.2	10.9	0	29.3	151.5
BRUNDAGE 96	95.3	97.3	87.7	79.6	58.8	11.1	0	28.0	149.6
ORSS-1757			87.9	79.0	59.6	10.3	0	28.3	148.5
ELTAN	91.8	91.5	87.1	78.8	59.8	11.4	0	33.5	153.4
HILL 81	92.9	95.6	84.8	78.8	60.3	11.2	0	31.0	152.3
RJAMES		102.4	91.8	78.7	59.0	10.9	0	27.3	151.5
MASAMI	99.1	99.6	91.4	78.4	58.8	10.5	0	32.0	153.0
ARS00235		95.9	88.5	78.2	59.6	11.9	0	33.0	153.0
HILLER	86.3	89.4	88.5	78.0	57.1	10.4	0	29.8	151.5
SIMON	86.6	88.1	82.1	77.6	59.4	11.0	0	30.5	150.0
HUBBARD	91.6	92.0	83.7	77.5	60.0	11.1	0	35.0	151.5
CHUKAR	93.4	95.2	87.3	76.6	57.9	10.5	0	29.8	153.4
WA008000				76.4	59.5	11.0	0	30.5	152.6
WA007934		90.1	86.7	75.8	59.5	11.7	0	30.8	152.6
IDAHO 587		91.7	83.0	75.8	58.5	11.3	0	27.5	148.5
BU6W99-456				75.8	61.7	11.8	0	26.5	147.0
FINCH	93.5	92.7	86.4	75.6	60.6	11.4	0	31.0	153.0
BU6W00-523				75.2	61.3	11.6	0	29.0	148.9
WA007971			83.5	75.0	56.9	10.7	0	27.8	153.0
LAMBERT	88.3	86.1	82.7	74.9	59.6	10.9	0	31.0	148.1
STEPHENS	87.9	89.9	83.6	74.3	59.2	11.0	0	28.5	147.4
EDWIN	82.3	81.4	81.4	73.6	60.8	11.1	0	32.3	151.5
WA007970			85.5	73.6	60.2	11.4	0	29.3	153.4
ID990435				73.6	58.8	11.4	0	31.5	148.5
ORH010920				73.4	59.9	11.0	0	26.3	146.3
MADSEN	89.6	89.4	81.2	73.3	59.7	11.3	0	29.5	151.9
CONCEPT		90.4	80.0	73.2	60.7	10.7	0	28.0	151.1
WA007935		92.0	85.4	72.7	60.0	11.6	0	31.8	153.4
ARS97135-9		89.4	82.7	71.5	57.7	11.1	0	28.5	153.0
MJ-4	88.7	88.3	84.7	71.3	58.2	11.3	0	29.5	152.6
ARS99123				70.9	60.3	11.8	0	26.3	148.9
CASHUP	85.0	87.0	76.9	70.5	60.3	10.1	0	28.3	150.4
BZ6WM02-1020				70.2	60.8	11.3	0	28.5	151.5
MJ-9	95.0	98.1	83.4	69.6	58.7	11.0	0	27.3	150.4
9222407A				68.3	60.7	11.7	0	32.0	151.9
BZ6WM02-1154				68.0	60.4	11.1	0	27.3	148.5
LEWJAIN	82.4	80.6	79.8	66.6	58.7	11.8	0	29.0	153.8
ID990419				64.5	60.2	11.3	0	30.0	152.6
WA007999				60.8	56.7	11.6	0	24.8	150.0
C.V. %	12.2	13.8	6.2	6.3	1.1	4.4	--	--	--
LSD '@. 10'	5.7	8.5	4.3	5.7	0.7	0.6	--	--	--
Average	92.0	93.8	86.4	76.4	59.5	11.1	0	30.0	151.0
Highest	103.2	110.6	96.6	91.8	61.7	11.9	0	35.0	153.8
Lowest	82.3	80.6	76.9	60.8	56.7	10.1	0	24.8	146.3

2006 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT FAIRFIELD, WA.

TABLE WA4133.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2006 YIELD (BU/A)	2006 TEST WT (LBS/BU)	2006 PROTEIN (%)	2006 LODGING (%)	2006 PLANT HT	2006 HEAD DATE
TUBBS 06				132.3	59.1	9.1	0	34.5	157.9
GEORGE		116.7	131.2	131.3	58.3	8.7	0	35.3	163.1
BRUNDAGE 96	109.4	120.7	134.3	129.9	59.3	9.2	0	31.3	157.5
ELTAN	109.5	116.3	127.9	126.9	58.8	8.4	0	35.5	162.4
MASAMI	107.3	114.7	127.1	126.2	58.4	9.2	0	35.3	160.5
WA007973			136.2	125.3	59.0	9.2	0	33.3	159.4
BU6W00-523				124.6	60.3	9.3	0	31.3	157.1
ARS97135-9		115.8	131.5	124.4	57.9	9.8	0	31.5	161.6
WA007935		113.4	123.3	124.1	59.3	9.0	0	34.0	162.8
MOHLER	115.4	122.1	137.0	123.7	60.1	9.3	0	34.3	154.9
TUBBS	117.5	123.5	139.4	122.9	59.3	8.6	0	33.0	157.5
ARS00235		116.9	131.9	122.7	60.2	9.2	0	36.8	160.5
RJAMES		119.8	136.3	121.6	57.7	8.4	0	29.0	160.1
MADSEN/ROD				121.2	59.2	9.0	0	31.8	159.0
MADSEN	112.1	115.7	125.4	121.1	59.7	9.5	0	33.5	159.0
ID990419				120.9	59.1	8.4	0	32.3	159.8
STEPHENS	108.3	115.9	130.2	120.8	60.3	9.6	0	29.0	156.8
ID990435				120.5	58.7	9.0	0	34.8	153.4
HILLER	108.3	112.5	124.8	120.4	57.5	9.4	0	31.8	159.8
ORCF-102			140.6	119.3	60.0	9.2	0	33.8	156.4
WA008000				119.2	59.3	9.3	0	34.0	160.5
BRUEHL	110.9	115.3	129.7	118.9	57.3	9.1	0	36.0	162.4
LEWJAIN	101.8	106.6	116.3	118.7	59.5	8.9	0	31.3	162.4
9222407A				118.4	59.4	8.9	0	35.3	158.3
ORCF-101		121.9	134.9	118.4	60.0	9.6	0	32.0	157.5
HUBBARD	106.2	114.9	129.0	118.3	60.0	9.2	0	37.8	157.5
ORSS-1757			132.5	118.2	59.4	9.0	0	33.3	156.0
SIMON	107.8	113.0	126.3	118.1	59.6	9.2	0	32.0	156.8
ROD	113.0	119.5	130.2	117.6	58.4	8.7	0	31.8	159.8
ORH010920				116.4	59.7	9.8	0	28.3	157.1
WA007934		110.8	124.1	116.3	58.7	8.4	0	33.8	162.8
RELY	108.8	111.9	118.9	116.1	59.4	8.7	0	34.3	160.1
CHUKAR	110.3	112.8	126.0	116.1	57.2	8.6	0	32.8	161.6
ARS99123				116.0	60.3	9.5	0	30.3	159.0
ARSC96059-2				115.9	60.3	9.2	0	36.0	159.4
CODA	113.6	118.2	124.7	115.8	60.9	9.5	0	35.3	159.4
WB 528		116.6	123.6	115.0	61.3	9.8	0	30.5	157.1
WA007970			120.5	114.8	59.7	9.2	0	33.0	160.5
LAMBERT	113.2	119.0	132.1	114.8	59.4	9.1	0	33.3	153.4
BU6W99-456				114.7	61.9	9.9	0	30.5	157.1
HILL 81	110.9	118.0	131.4	114.2	60.0	9.1	0	35.8	158.3
WA007999				113.9	58.3	9.2	0	24.8	159.4
BZ6WM02-1154				113.9	61.1	10.0	0	31.3	155.6
EDWIN	96.3	98.5	106.1	111.6	60.1	9.9	0	36.3	159.0
WA007971			115.1	111.1	57.0	8.4	0	29.0	161.6
BZ6WM02-1020				110.6	59.7	9.2	0	30.8	158.3
FINCH	105.9	109.8	123.2	110.5	60.1	8.2	0	33.0	162.0
CASHUP	109.8	117.7	129.4	110.1	59.7	9.0	0	30.5	157.5
IDAHO 587		118.8	130.3	109.2	60.0	9.7	0	29.8	156.4
ARSC96059-1			126.6	108.6	61.2	9.5	0	35.0	159.8
ARS00258				108.3	60.1	9.5	0	30.8	159.8
MJ-4	103.3	109.6	125.9	108.3	58.1	8.7	0	32.5	160.5
MJ-9	109.0	115.5	124.2	107.0	58.3	8.6	0	31.5	157.9
CONCEPT		112.8	126.2	104.7	59.6	8.7	0	30.0	157.9
C.V. %	8.2	8.8	8.2	7.9	0.6	5.2	--	--	--
LSD '@ .10'	4.8	6.9	8.5	10.9	0.4	0.6	--	--	--
Average	109.1	115.3	127.8	117.8	59.4	9.1	0	32.7	158.9
Highest	117.5	123.5	140.6	132.3	61.9	10.0	0	37.8	163.1
Lowest	96.3	98.5	106.1	104.7	57.0	8.2	0	24.8	153.4

2006 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT FARMINGTON, WA.

TABLE WA4139.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2006 YIELD (BU/A)	2006 TEST WT (LBS/BU)	2006 PROTEIN (%)	2006 LODGING (%)	2006 PLANT HT	2006 HEAD DATE
BZ6WM02-1020				147.4	60.5	11.7	0.0	40.8	161.3
TUBBS	135.5	141.1	145.7	147.1	57.6	11.7	0.0	42.0	159.8
CONCEPT		136.3	139.7	146.5	60.4	11.8	0.0	38.0	161.6
WA007973			142.0	146.0	58.6	12.1	0.0	39.0	163.9
MJ-9	126.7	133.3	138.4	145.0	58.1	12.0	7.5	40.8	161.6
ORCF-102			142.1	144.3	60.8	11.5	0.0	42.8	158.6
HUBBARD	122.5	129.8	132.2	142.1	60.7	11.5	0.0	46.8	162.4
WA007971			138.0	141.7	57.9	11.3	0.0	39.3	163.9
ROD	127.9	137.9	136.8	141.4	58.1	11.6	0.0	39.3	162.0
TUBBS 06				140.2	57.5	11.8	0.0	43.0	159.8
LAMBERT	126.9	136.2	138.3	139.7	59.3	11.7	6.3	41.8	158.3
CHUKAR	132.6	138.6	136.3	139.3	58.2	11.7	0.0	40.0	164.6
HILL 81	131.1	142.4	143.9	139.0	59.5	12.1	0.0	44.8	162.0
WB 528		142.4	143.1	138.6	60.6	12.5	0.0	39.8	157.9
ID990435				138.5	59.0	12.0	17.5	43.5	158.3
BU6W00-523				138.4	61.0	11.8	0.0	38.5	159.4
ID990419				138.2	60.0	11.1	10.0	39.3	162.0
CASHUP	128.9	137.1	135.1	136.8	60.5	11.7	0.0	37.5	160.9
STEPHENS	121.8	128.3	124.9	135.1	59.3	11.5	0.0	38.5	158.3
ARS00258				134.7	60.4	12.2	1.3	39.8	162.8
9222407A				133.8	60.2	11.5	0.0	44.0	162.0
SIMON	127.6	132.3	137.5	133.7	59.4	11.9	0.0	41.5	158.6
ARS00235		128.9	127.0	133.5	60.7	12.6	8.8	44.8	165.4
MADSEN	126.0	131.0	131.7	133.3	58.3	12.4	0.0	41.5	162.0
FINCH	125.4	130.7	131.1	133.0	60.1	11.5	0.0	41.5	165.8
BRUEHL	127.8	133.5	135.1	132.8	56.9	11.9	0.0	41.3	165.8
ARS99123				132.4	60.3	12.0	0.0	37.3	160.5
RJAMES		123.5	119.8	132.3	56.7	11.3	1.3	36.5	163.9
BU6W99-456				131.7	61.4	12.9	0.0	36.8	159.0
CODA	123.5	127.9	126.9	131.1	60.3	13.4	60.0	41.5	163.1
ORCF-101		136.7	137.1	130.8	60.1	12.4	0.0	41.0	160.1
ORH010920				129.9	59.2	11.9	0.0	34.0	157.9
RELY	123.0	127.8	126.6	128.5	58.4	12.1	13.8	40.5	163.5
MJ-4	122.1	126.9	130.1	128.4	56.5	12.4	0.0	39.8	164.3
BZ6WM02-1154				128.2	62.1	12.5	0.0	38.8	158.3
WA007934		124.4	117.2	128.1	58.1	11.9	7.5	40.8	166.1
MADSEN/ROD				128.0	59.1	11.6	0.0	40.3	162.4
ARSC96059-2				127.2	61.1	13.2	41.3	43.8	163.5
IDAHO 587		129.8	123.7	127.2	58.3	11.9	0.0	38.8	158.3
WA008000				127.1	59.1	12.4	0.0	41.8	163.9
HILLER	120.0	124.7	123.6	126.0	56.3	11.8	0.0	38.8	162.4
ORSS-1757			129.3	124.7	58.0	11.4	0.0	37.8	160.5
MOHLER	119.5	125.5	122.6	124.2	59.1	11.6	3.8	42.0	159.0
WA007935		118.0	115.2	124.1	58.0	11.9	1.3	40.8	166.5
ARS97135-9		127.7	131.1	123.9	57.3	12.1	0.0	37.0	163.9
WA007970			125.6	123.6	59.0	12.5	0.0	41.0	166.1
EDWIN	104.9	107.1	108.3	122.4	60.7	12.4	35.0	42.0	162.8
ARSC96059-1			122.4	121.9	60.3	13.2	48.8	44.0	163.1
GEORGE		120.5	118.1	121.4	56.9	12.1	10.0	42.3	166.1
ELTAN	114.0	121.5	110.5	119.1	57.9	12.1	25.0	40.3	166.9
BRUNDAGE 96	119.0	123.9	126.8	117.0	55.9	12.5	0.0	39.3	161.3
WA007999				115.4	56.8	12.3	0.0	32.0	161.6
MASAMI	109.0	114.6	106.7	107.5	55.6	12.2	0.0	41.0	165.4
LEWJAIN	105.2	107.2	100.4	104.3	56.9	12.3	16.3	39.0	166.5
C.V. %	7.4	7.3	6.7	5.9	1.8	4.1	--	--	--
LSD '@ .10'	4.8	6.3	7.2	9.1	1.2	0.6	--	--	--
Average	122.6	128.7	128.7	131.6	58.9	12.0	5.8	40.4	162.2
Highest	135.5	142.4	145.7	147.4	62.1	13.4	60.0	46.8	166.9
Lowest	104.9	107.1	100.4	104.3	55.6	11.1	0.0	32.0	157.9

2006 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT HARRINGTON, WA.

TABLE WA4121.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2006 YIELD (BU/A)	2006 TEST WT (LBS/BU)	2006 PROTEIN (%)	2006 LODGING (%)	2006 PLANT HT	2006 HEAD DATE
WA007973	--	--	--	78.9	60.2	11.2	0.0	33.3	146.0
TUBBS	--	--	--	78.5	59.7	10.9	0.0	34.5	143.0
MJ-9	--	--	--	77.6	57.3	11.6	0.0	31.0	144.9
ORCF-102	--	--	--	77.0	60.1	11.5	0.0	34.5	144.5
RELY	--	--	--	76.6	60.2	11.1	0.0	32.8	144.9
ARS00258	--	--	--	76.4	60.6	11.1	0.0	30.5	147.1
GEORGE	--	--	--	75.8	59.2	12.0	0.0	32.8	153.5
MOHLER	--	--	--	75.6	60.2	11.2	0.0	32.8	144.9
CODA	--	--	--	75.3	61.4	11.7	0.0	33.8	146.4
MASAMI	--	--	--	73.7	58.9	11.3	0.0	33.8	148.6
HILL 81	--	--	--	73.5	60.8	11.9	0.0	33.5	143.8
ARS00235	--	--	--	73.1	60.4	12.5	0.0	33.0	149.4
BRUNDAGE 96	--	--	--	73.1	59.3	11.0	0.0	31.0	144.1
BZ6WM02-1020	--	--	--	72.5	59.8	11.7	0.0	32.3	146.4
FINCH	--	--	--	71.9	61.4	11.0	0.0	31.8	152.4
MADSEN/ROD	--	--	--	71.8	59.3	11.8	0.0	31.0	145.6
ROD	--	--	--	71.4	58.8	11.1	0.0	30.0	150.5
CHUKAR	--	--	--	71.2	58.2	11.3	0.0	31.3	149.4
TUBBS 06	--	--	--	70.3	59.3	10.8	0.0	34.3	144.9
BU6W00-523	--	--	--	69.9	60.7	11.7	0.0	32.0	145.3
CONCEPT	--	--	--	69.6	60.4	11.8	0.0	29.8	146.4
LAMBERT	--	--	--	69.5	59.9	10.6	0.0	34.3	143.0
ORCF-101	--	--	--	69.3	60.2	11.6	0.0	32.3	143.8
SIMON	--	--	--	69.2	60.2	11.2	0.0	32.8	143.8
ARSC96059-2	--	--	--	69.1	61.1	12.4	0.0	34.3	143.4
BRUEHL	--	--	--	69.0	59.0	11.6	0.0	34.3	147.9
RJAMES	--	--	--	69.0	59.3	11.4	0.0	29.3	149.4
WB 528	--	--	--	68.7	61.7	12.4	0.0	32.0	143.8
WA007935	--	--	--	68.6	59.5	12.1	0.0	32.8	150.9
HUBBARD	--	--	--	68.6	60.6	11.5	0.0	37.5	142.3
HILLER	--	--	--	67.4	58.3	11.2	0.0	32.3	144.5
LEWJAIN	--	--	--	67.4	61.3	11.4	0.0	30.3	151.6
IDAHO 587	--	--	--	67.4	59.2	11.7	0.0	31.0	144.1
ARSC96059-1	--	--	--	67.3	61.0	12.1	0.0	33.3	144.9
WA008000	--	--	--	67.0	60.1	12.0	0.0	32.0	147.9
ARS97135-9	--	--	--	66.9	58.4	11.6	0.0	29.5	147.5
MADSEN	--	--	--	65.6	59.8	11.6	0.0	32.0	145.3
MJ-4	--	--	--	65.5	57.2	12.2	0.0	31.8	152.0
WA007971	--	--	--	65.4	56.2	11.5	0.0	29.5	153.9
ARS99123	--	--	--	65.2	60.6	12.4	0.0	29.8	144.9
ID990419	--	--	--	64.4	60.3	11.6	0.0	30.8	149.8
WA007970	--	--	--	64.2	60.3	12.0	0.0	32.0	152.4
WA007934	--	--	--	63.5	60.0	11.6	0.0	32.8	150.1
CASHUP	--	--	--	63.4	60.5	11.8	0.0	29.8	145.6
EDWIN	--	--	--	63.3	60.0	11.3	0.0	35.0	145.6
ELTAN	--	--	--	62.9	60.5	11.8	16.3	31.0	154.3
STEPHENS	--	--	--	62.7	59.2	11.4	0.0	30.0	144.9
BU6W99-456	--	--	--	62.7	61.6	12.8	0.0	29.3	144.5
ID990435	--	--	--	62.4	59.3	11.5	0.0	33.8	142.6
9222407A	--	--	--	62.2	60.8	12.0	0.0	32.8	146.8
BZ6WM02-1154	--	--	--	61.3	60.3	12.8	0.0	29.0	146.0
ORH010920	--	--	--	57.4	59.7	11.9	0.0	28.0	144.9
WA007999	--	--	--	55.7	56.5	12.1	0.0	27.5	146.4
ORSS-1757	--	--	--	54.2	59.7	11.9	10.0	32.3	144.1
C.V. %	--	--	--	7.9	0.7	5.3	--	--	--
LSD '@. 10'	--	--	--	6.3	0.5	0.7	--	--	--
Average	--	--	--	68.5	59.8	11.7	0.5	31.9	146.8
Highest	--	--	--	78.9	61.7	12.8	16.3	37.5	154.3
Lowest	--	--	--	54.2	56.2	10.6	0.0	27.5	142.3

2006 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT LAMONT, WA.

TABLE WA4119.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2006 YIELD (BU/A)	2006 TEST WT (LBS/BU)	2006 PROTEIN (%)	2006 LODGING (%)	2006 PLANT HT	2006 HEAD DATE
MASAMI	115.1	123.9	122.1	139.1	58.8	7.6	0	38.3	157.0
FINCH	113.5	119.8	120.4	133.4	60.7	8.2	0	39.0	157.0
RJAMES		111.3	100.6	131.0	58.9	7.8	0	35.5	154.4
ROD	104.2	108.4	97.7	129.9	58.8	8.1	0	35.5	155.5
MJ-9	110.4	117.7	116.3	129.4	58.2	7.3	0	36.8	155.5
GEORGE		106.7	95.0	128.9	59.5	8.1	0	42.5	157.0
WA007973			94.1	126.9	58.4	8.1	0	38.0	153.6
BRUNDAGE 96	105.6	112.6	110.1	126.2	59.5	8.1	0	35.3	152.5
MJ-4	112.2	116.9	117.8	125.7	57.7	7.7	0	38.0	156.6
MADSEN/ROD				125.0	59.2	8.6	0	36.5	155.5
CHUKAR	113.0	115.7	106.5	124.5	57.9	7.1	0	37.8	155.1
MOHLER	100.5	106.2	100.6	124.5	60.4	8.1	0	36.5	152.1
ELTAN	99.5	104.6	86.8	124.3	59.7	8.0	0	41.3	157.0
9222407A				124.3	59.9	8.3	0	40.0	155.1
TUBBS	111.1	117.9	110.4	124.1	59.5	7.9	0	38.0	153.3
WA007934		107.2	97.0	123.8	59.9	8.9	0	41.8	156.3
BRUEHL	102.9	102.1	91.7	123.7	57.7	7.9	0	40.3	157.0
WA007935		108.4	102.9	123.7	60.5	9.0	0	40.3	157.0
ORCF-102			105.9	123.4	60.2	9.3	0	38.5	154.4
CODA	105.5	108.1	99.9	123.3	60.4	7.7	0	39.8	155.1
HUBBARD	100.5	104.8	94.1	123.0	59.4	8.0	0	42.3	154.0
ARS00258				122.6	59.3	7.6	0	39.0	154.8
MADSEN	101.9	108.0	107.9	121.8	59.1	8.1	0	36.8	155.1
WA007971			89.2	121.8	57.7	8.2	0	35.3	156.3
WA008000				119.5	59.8	8.6	0	38.0	157.0
STEPHENS	96.9	109.5	103.4	117.6	60.3	9.1	0	33.5	151.0
TUBBS 06				117.6	59.2	7.9	0	38.0	153.6
HILLER	99.7	99.9	95.0	116.9	57.4	7.9	0	39.0	153.6
WA007970			97.4	116.9	60.1	8.7	0	36.8	156.6
CONCEPT		106.6	98.7	116.3	60.1	8.3	0	35.3	154.8
ARS00235		109.2	102.0	116.2	60.8	8.0	0	41.5	155.1
IDAHO 587		104.8	101.1	116.2	60.4	9.4	0	34.8	151.0
ID990435				116.0	59.3	8.9	0	38.5	152.1
LAMBERT	102.5	106.0	103.7	115.9	59.8	8.4	0	37.8	151.0
ID990419				115.8	59.8	7.9	0	37.3	156.3
LEWJAIN	101.9	106.7	98.0	114.8	59.6	8.5	0	36.0	156.6
ARS97135-9		113.1	107.9	114.3	57.3	7.2	0	35.5	155.1
BU6W00-523				113.8	60.4	8.0	0	34.8	151.8
RELY	103.1	108.0	96.4	113.6	59.2	7.5	0	41.3	154.8
HILL 81	98.3	101.0	90.0	112.3	59.4	8.2	0	38.0	154.8
ARSC96059-1			99.8	112.1	61.6	8.6	0	40.3	154.4
ARSC96059-2				112.1	61.0	8.2	0	38.5	154.4
EDWIN	93.0	94.9	83.9	111.7	61.4	8.0	0	42.3	153.3
ORSS-1757			94.3	110.7	59.5	7.7	0	36.8	151.8
SIMON	98.4	105.2	105.6	109.4	58.7	8.3	0	35.5	153.6
CASHUP	99.0	105.7	98.1	107.9	60.1	8.0	0	34.3	154.0
ARS99123				107.0	61.3	9.0	0	36.0	154.0
BZ6WM02-1020				104.7	60.3	8.7	0	34.5	155.5
ORCF-101		102.6	94.9	97.7	59.6	9.7	0	35.3	151.8
BU6W99-456				96.1	62.5	9.3	0	33.5	145.8
WB 528		94.5	78.9	95.9	60.8	8.5	0	33.3	147.3
BZ6WM02-1154				81.9	61.5	9.7	0	31.3	149.9
WA007999				77.4	57.0	8.9	0	28.0	152.5
ORH010920				70.7	58.9	9.2	0	30.0	146.9
C.V. %	9.3	8.0	9.8	8.0	0.7	8.9	--	--	--
LSD '@. 10'	5.0	5.7	8.2	10.8	0.5	0.9	--	--	--
Average	103.9	108.1	100.4	116.2	59.6	8.3	0	37.2	154.0
Highest	115.1	123.9	122.1	139.1	62.5	9.7	0	42.5	157.0
Lowest	93.0	94.5	78.9	70.7	57.0	7.1	0	28.0	145.8

2006 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT MAYVIEW, WA.

TABLE WA4146.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2006 YIELD (BU/A)	2006 TEST WT (LBS/BU)	2006 PROTEIN (%)	2006 LODGING (%)	2006 PLANT HT	2006 HEAD DATE
ROD	116.8	120.0	109.8	98.2	56.9	11.8	0	32.3	162.5
WA007973			107.6	97.6	58.7	11.6	0	33.5	160.6
MJ-4	109.8	111.2	101.2	95.5	56.4	11.8	0	33.5	163.6
WA007971			102.0	95.1	56.1	11.4	0	31.0	163.3
WB 528		120.4	109.1	94.9	61.0	12.0	0	31.0	154.3
TUBBS	111.3	120.8	108.2	94.6	56.7	12.0	0	34.3	160.3
MADSEN/ROD				94.4	58.3	12.1	0	33.0	162.5
BU6W00-523				93.7	60.0	11.4	0	33.0	158.8
ORCF-102			106.5	93.6	60.0	11.9	0	34.3	161.4
HILL 81	111.2	117.1	108.2	92.6	59.7	11.6	0	36.5	161.8
BZ6WM02-1020				91.1	57.4	12.1	0	33.3	162.5
RJAMES		118.6	107.0	90.8	56.6	11.0	0	32.0	161.4
CONCEPT		111.4	102.4	90.8	58.2	11.3	0	29.8	161.8
MASAMI	111.0	114.2	104.4	90.4	57.1	11.1	0	33.5	164.0
BU6W99-456				90.2	61.3	12.8	0	30.5	152.8
MJ-9	110.4	114.5	103.8	89.6	56.1	11.5	0	32.0	162.5
TUBBS 06				89.0	57.2	11.9	0	35.5	160.6
ORCF-101		113.7	103.3	88.9	58.7	12.1	0	32.8	158.8
ID990419				88.6	58.8	11.4	0	33.0	163.3
MADSEN	104.2	107.3	100.8	88.4	58.9	12.1	0	33.5	162.1
CASHUP	106.4	110.9	100.3	88.4	58.7	11.0	0	30.3	161.0
WA007970			100.4	88.0	59.7	11.5	0	33.5	163.6
SIMON	105.6	109.1	100.6	86.8	58.7	11.9	0	32.8	160.6
CODA	105.3	109.2	99.0	86.6	59.7	12.1	0	35.0	162.1
WA008000				85.1	59.4	11.4	0	33.3	164.0
ARS99123				84.6	59.0	12.0	0	29.0	161.0
FINCH	108.7	112.0	101.2	84.4	59.3	11.8	0	34.3	164.0
ARSC96059-2				83.5	59.2	12.0	0	37.5	161.4
LEWJAIN	96.6	100.2	84.6	83.2	58.6	11.7	0	31.3	163.6
ORH010920				82.8	60.0	11.9	0	28.3	153.9
STEPHENS	105.4	108.4	96.1	82.3	57.6	12.0	0	31.0	158.0
BRUEHL	108.8	115.0	103.2	82.1	56.0	11.9	0	34.3	164.0
MOHLER	108.5	111.7	101.6	81.0	58.8	11.7	0	34.5	159.1
WA007935		100.3	85.8	80.2	59.2	11.5	0	34.5	164.0
9222407A				79.5	59.5	11.8	0	35.8	162.1
ORSS-1757			99.8	78.8	59.6	11.1	0	33.0	158.8
LAMBERT	100.0	101.7	90.6	78.5	57.6	11.3	0	33.8	158.0
IDAHO 587		104.9	94.8	77.3	58.3	12.0	0	30.3	158.0
ARS00235		106.7	94.5	75.2	58.3	11.9	0	35.3	162.1
ID990435				74.2	57.2	12.0	0	36.0	159.1
HILLER	102.9	105.0	93.3	74.1	54.7	11.8	0	31.8	160.6
BZ6WM02-1154				73.4	61.1	12.6	0	30.3	156.9
ELTAN	100.3	101.6	83.9	73.2	58.5	11.8	0	35.0	164.0
WA007934		101.2	85.4	73.0	58.2	11.7	0	34.8	163.3
ARSC96059-1			93.2	71.6	59.8	12.6	0	36.8	161.4
ARS00258				70.4	58.5	12.0	0	31.3	161.8
RELY	95.3	97.0	83.3	70.2	57.9	12.0	0	33.3	161.8
CHUKAR	102.9	103.5	93.2	70.2	55.9	11.8	0	32.8	162.1
HUBBARD	98.9	100.1	85.4	66.8	59.6	11.7	0	38.3	161.0
WA007999				57.8	55.9	12.0	0	26.0	159.5
BRUNDAGE 96	94.0	96.0	81.8	56.8	56.8	12.3	0	31.3	159.5
GEORGE		99.2	81.5	56.6	57.7	12.2	0	36.0	164.0
ARS97135-9		98.9	83.5	56.1	55.7	12.1	0	31.5	162.1
EDWIN	80.1	75.7	63.7	48.9	58.0	13.1	0	35.8	160.3
C.V. %	7.8	6.3	6.6	8.0	1.1	5.1	--	--	--
LSD '@ .10'	4.2	4.4	5.1	7.6	0.8	0.7	--	--	--
Average	104.1	107.2	96.3	81.6	58.3	11.8	0	33.1	161.0
Highest	116.8	120.8	109.8	98.2	61.3	13.1	0	38.3	164.0
Lowest	80.1	75.7	63.7	48.9	54.7	11.0	0	26.0	152.8

2006 WSU SOFT WHITE WINTER WHEAT NURSERY AT MOSES LAKE, WA. (IRRIGATED)

TABLE WA4161.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2006 YIELD (BU/A)	2006 TEST WT (LBS/BU)	2006 PROTEIN (%)	2006 LODGING (%)	2006 PLANT HT	2006 HEAD DATE
WB 528	--	152.8	157.1	164.4	60.8	12.2	0.0	34.8	139.3
WA007973	--		147.9	159.4	58.1	12.2	0.0	37.5	146.8
BRUNDAGE 96	--	133.4	145.6	158.7	58.6	12.2	0.0	34.8	143.4
9222407A	--			158.7	59.6	11.8	12.5	38.8	146.8
TUBBS	--	148.9	148.5	158.6	57.9	11.8	0.0	37.3	143.0
WA007934	--	129.2	133.3	158.2	57.1	12.4	42.5	37.8	147.5
HILLER	--	134.3	146.6	153.0	53.8	11.9	0.0	36.3	145.3
ARS97135-9	--	130.0	143.2	152.7	54.2	12.6	0.0	36.8	146.4
ARSC96059-2	--			152.6	61.2	12.6	38.8	39.0	144.5
ORCF-102	--		157.9	151.5	59.2	12.0	0.0	36.3	143.4
ARSC96059-1	--		135.8	151.1	60.9	12.6	22.5	40.0	145.6
SIMON	--	142.5	160.8	150.9	59.6	12.1	0.0	35.0	143.4
MADSEN	--	144.5	154.6	150.8	57.2	12.5	0.0	37.0	147.1
HUBBARD	--	137.5	154.5	150.3	59.6	12.0	6.3	40.8	145.6
ROD	--	135.1	139.9	149.4	56.1	12.4	21.3	36.8	147.1
BRUEHL	--	135.6	137.6	149.3	53.9	12.4	8.8	35.8	148.3
BU6W00-523	--			149.0	61.0	12.0	0.0	34.5	142.3
BZ6WM02-1020	--			148.7	59.1	11.8	6.3	35.3	145.3
ARS00235	--	126.6	132.3	148.6	58.1	12.5	20.0	38.3	147.9
LAMBERT	--	143.7	159.4	148.4	59.3	12.2	0.0	37.8	140.8
TUBBS 06	--			148.3	57.2	12.1	15.0	39.0	144.5
MADSEN/ROD	--			147.4	57.5	12.2	0.0	35.3	144.9
CHUKAR	--	143.8	144.2	147.2	55.2	12.6	0.0	36.8	148.3
MOHLER	--	135.6	142.9	146.6	60.0	11.9	2.5	37.5	142.6
ARS99123	--			146.4	59.5	12.4	0.0	34.0	143.0
ID990419	--			145.8	58.6	11.7	0.0	34.5	146.4
RELY	--	123.8	133.5	145.0	57.6	12.1	17.5	38.0	146.0
BU6W99-456	--			144.8	62.0	12.6	0.0	33.5	139.3
ID990435	--			144.3	58.7	12.4	0.0	38.5	140.8
WA007970	--		139.6	143.9	58.4	12.4	12.5	38.0	149.0
CODA	--	123.5	126.5	143.2	57.7	12.3	45.0	37.8	147.5
WA007971	--		139.0	143.0	54.6	12.3	22.5	36.5	147.9
WA007935	--	112.5	117.3	142.7	56.2	12.6	31.3	38.3	148.3
WA008000	--			141.5	57.9	12.2	5.0	38.0	147.9
MASAMI	--	126.6	133.5	139.6	54.6	12.4	11.3	39.5	148.3
RJAMES	--	135.6	139.5	138.3	54.5	11.8	47.3	31.5	146.0
CONCEPT	--	128.3	135.7	137.5	59.0	11.9	7.5	35.8	145.3
ORSS-1757	--		141.1	137.4	58.9	11.5	30.0	36.3	143.4
EDWIN	--	109.7	108.5	137.1	58.4	12.2	6.3	40.3	144.9
LEWJAIN	--	113.7	112.1	137.1	55.9	12.5	51.3	36.5	148.6
WA007999	--			135.9	54.7	12.4	0.0	28.8	142.6
MJ-9	--	136.0	136.3	135.8	56.6	11.9	21.3	36.5	145.3
ELTAN	--	113.7	105.6	135.7	56.3	12.6	79.8	37.5	148.3
FINCH	--	125.4	126.6	135.0	55.7	12.5	26.3	38.0	148.6
MJ-4	--	134.0	141.5	134.7	54.0	12.7	0.0	34.8	147.1
STEPHENS	--	132.5	143.3	134.6	58.7	12.0	5.0	35.0	141.1
HILL 81	--	128.8	139.9	132.8	58.0	12.6	16.3	39.5	146.8
ORH010920	--			131.7	58.3	12.0	0.0	31.0	138.9
ARS00258	--			131.0	55.5	12.4	46.3	38.5	146.0
BZ6WM02-1154	--			130.2	61.3	12.7	0.0	34.5	139.6
CASHUP	--	136.5	142.1	128.1	58.7	11.9	0.0	35.3	145.6
GEORGE	--	114.8	110.1	128.0	53.9	12.8	61.3	38.3	148.6
IDAHO 587	--	126.2	132.2	123.0	56.1	12.4	15.0	35.3	142.3
ORCF-101	--	131.6	139.3	120.5	56.8	12.7	0.0	35.0	145.3
C.V. %	--	11.7	11.6	9.1	2.2	1.9	--	--	--
LSD '@. 10'	--	10.5	13.3	15.3	1.5	0.3	--	--	--
Average	--	131.1	138.1	143.7	57.6	12.3	14.0	36.6	145.2
Highest	--	152.8	160.8	164.4	62.0	12.8	79.8	40.8	149.0
Lowest	--	109.7	105.6	120.5	53.8	11.5	0.0	28.8	138.9

2006 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT PULLMAN, WA.

TABLE WA4102.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2006 YIELD (BU/A)	2006 TEST WT (LBS/BU)	2006 PROTEIN (%)	2006 LODGING (%)	2006 PLANT HT	2006 HEAD DATE
WA007934		151.8	149.3	171.2	59.8	9.7	0.0	37.0	162.0
HUBBARD	144.5	152.0	152.1	168.1	60.7	10.3	0.0	41.8	159.0
ID990419				167.4	59.3	9.5	0.0	36.0	160.5
WA007973			159.9	164.6	59.1	10.9	0.0	36.0	159.8
MJ-9	151.9	160.2	162.1	163.2	59.0	10.0	0.0	32.8	159.0
9222407A				160.4	59.6	10.4	0.0	38.0	160.5
TUBBS 06				159.7	58.9	10.1	0.0	35.8	159.4
TUBBS	151.9	155.8	151.1	159.5	58.9	10.0	0.0	35.3	159.4
ARS00235		144.1	142.8	158.7	60.8	10.9	5.0	41.0	160.9
ORCF-102			155.7	157.8	59.8	10.6	0.0	35.5	159.0
MOHLER	144.0	148.5	145.4	157.8	59.6	10.2	2.5	35.0	157.9
CODA	139.0	145.6	140.3	156.1	61.5	11.6	11.3	37.3	160.5
WA008000				155.0	59.8	11.1	0.0	37.8	160.9
ARSC96059-2				154.6	61.6	11.5	13.8	40.0	160.9
WA007970			147.2	154.5	60.0	11.1	0.0	37.0	161.6
BRUEHL	142.5	148.5	151.9	153.9	56.9	11.1	17.5	37.8	161.3
LAMBERT	143.1	153.4	154.8	153.9	59.2	10.3	0.0	35.8	156.8
WA007935		141.7	141.1	153.5	58.6	10.8	36.3	36.5	162.0
WA007971			143.2	152.9	58.0	10.5	0.0	33.8	160.9
FINCH	146.2	152.9	156.6	152.5	60.7	10.2	2.5	37.3	161.6
ORSS-1757			145.5	152.4	58.7	10.6	0.0	34.5	157.1
GEORGE		142.4	136.0	152.4	58.7	10.4	23.8	38.8	162.0
RJAMES		145.2	142.7	151.4	57.3	9.8	0.0	29.8	159.0
ARS97135-9		151.8	159.5	149.9	57.2	11.7	0.0	34.8	160.1
CHUKAR	145.1	152.4	152.7	149.5	57.9	10.8	7.5	37.0	160.9
ORCF-101		144.5	143.3	148.9	59.5	11.2	0.0	32.5	157.5
MADSEN/ROD				148.6	58.9	10.6	0.0	33.3	159.8
BZ6WM02-1020				148.3	59.9	10.9	20.0	34.8	160.1
IDAHO 587		149.7	147.0	147.7	58.6	11.0	6.3	30.3	155.3
ARS99123				147.4	59.0	11.2	0.0	32.5	157.1
RELY	131.9	132.9	129.0	147.2	57.9	11.6	30.0	38.3	159.8
MJ-4	144.3	151.1	152.9	147.0	58.4	10.7	0.0	34.5	160.9
ROD	150.2	157.7	159.0	146.5	57.9	10.8	10.0	34.0	159.4
HILL 81	144.8	153.3	154.7	146.4	59.8	11.0	20.0	37.5	160.5
MASAMI	140.4	145.6	143.5	146.1	57.9	10.7	0.0	36.3	161.6
BU6W99-456				146.1	61.1	11.5	0.0	31.5	156.0
SIMON	142.5	147.0	149.1	145.9	58.5	10.9	0.0	34.8	159.0
MADSEN	142.2	150.0	153.1	145.5	58.7	11.6	0.0	35.8	159.8
BRUNDAGE 96	139.6	144.8	148.9	144.2	58.0	10.7	0.0	33.5	158.3
STEPHENS	142.8	154.5	151.8	143.9	58.6	10.7	3.8	31.5	155.6
BU6W00-523				143.8	60.3	10.8	0.0	33.0	156.4
ARS00258				143.6	59.5	11.8	3.8	37.3	159.4
ARSC96059-1			138.6	143.3	61.4	12.1	36.3	38.8	160.5
ID990435				142.6	57.6	11.1	0.0	36.8	157.1
WA007999				140.0	57.1	11.4	0.0	27.8	157.5
ORH010920				138.8	57.8	11.4	0.0	28.8	154.5
EDWIN	123.9	122.9	109.0	138.1	60.9	11.9	25.0	41.5	159.4
CONCEPT		145.1	148.2	137.2	60.4	10.4	0.0	32.8	159.0
CASHUP	137.6	144.2	143.9	136.6	60.0	10.6	0.0	33.0	158.3
BZ6WM02-1154				135.2	59.5	12.4	0.0	31.8	155.6
HILLER	140.1	142.6	140.6	134.5	55.7	11.6	0.0	35.5	159.0
WB 528		144.5	142.1	134.4	59.9	11.2	0.0	32.5	155.3
ELTAN	137.0	140.9	127.9	126.4	58.8	10.5	76.3	36.5	162.0
LEWJAIN	125.1	123.4	114.5	122.1	58.2	10.7	35.0	34.5	161.6
C.V. %	7.2	7.9	9.2	7.3	1.0	5.6	--	--	--
LSD '@ .10'	5.4	7.8	11.2	12.8	0.7	0.7	--	--	--
Average	141.3	146.7	145.8	149.0	59.1	10.9	7.2	35.3	159.3
Highest	151.9	160.2	162.1	171.2	61.6	12.4	76.3	41.8	162.0
Lowest	123.9	122.9	109.0	122.1	55.7	9.5	0.0	27.8	154.5

2006 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT REARDAN, WA.

TABLE WA4131.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2006 YIELD (BU/A)	2006 TEST WT (LBS/BU)	2006 PROTEIN (%)	2006 LODGING (%)	2006 PLANT HT	2006 HEAD DATE
WA007934		111.4	115.4	122.5	60.2	11.1	0.0	40.0	165.3
GEORGE		114.1	114.9	121.0	59.8	11.4	5.0	39.3	166.0
WA007973			120.2	119.8	59.7	11.0	0.0	37.5	162.6
WA007971			110.6	118.6	58.1	11.1	0.0	36.8	165.3
BRUNDAGE 96	107.2	105.2	112.7	117.9	59.3	10.7	0.0	37.0	161.5
CONCEPT		106.5	112.3	117.6	60.9	10.9	0.0	36.8	163.8
ELTAN	112.4	111.7	115.9	117.3	60.0	11.6	23.8	38.3	166.0
CHUKAR	115.2	108.8	113.7	116.8	59.0	10.9	0.0	38.8	164.1
CODA	110.5	107.3	111.5	116.5	61.7	11.1	5.0	42.0	164.1
WA007970			116.0	115.9	60.9	11.8	0.0	38.3	165.6
MJ-4	110.9	110.3	112.7	114.9	57.9	12.2	0.0	36.8	165.6
MJ-9	111.3	110.2	110.2	114.8	59.2	11.6	0.0	37.3	164.5
HILL 81	109.5	106.9	111.6	114.6	60.2	11.1	0.0	41.0	163.8
WA007935		104.6	106.9	113.0	59.6	11.2	0.0	39.5	166.0
ROD	113.2	108.5	110.3	112.8	58.4	11.8	0.0	37.3	164.5
LAMBERT	109.9	106.4	111.4	112.7	59.3	11.3	0.0	40.8	160.0
ARS00258				111.1	60.7	11.3	0.0	38.5	163.8
ARSC96059-2				109.1	61.3	12.5	2.5	42.8	163.4
MASAMI	110.5	108.5	107.9	108.6	58.8	10.4	0.0	37.8	166.0
HUBBARD	109.9	109.8	112.0	108.6	60.3	10.4	0.0	43.3	163.0
ARS00235		106.3	108.9	108.2	61.0	11.7	0.0	43.3	164.1
ORCF-102			105.0	107.0	59.4	12.6	0.0	40.0	163.4
RELY	105.5	96.0	99.4	106.7	59.4	10.6	0.0	40.5	163.8
EDWIN	101.5	98.0	94.3	106.6	61.8	12.4	18.8	43.5	162.3
FINCH	111.4	105.5	110.1	105.7	60.9	11.6	0.0	38.8	166.0
CASHUP	105.5	99.6	105.5	104.9	60.3	10.4	0.0	35.3	163.0
RJAMES		109.1	108.6	104.8	57.8	10.7	0.0	33.8	163.4
LEWJAIN	101.9	98.5	101.5	104.6	60.6	11.3	0.0	35.3	165.6
ARSC96059-1			111.7	104.5	61.6	12.0	0.0	42.8	163.4
TUBBS	108.7	102.5	99.0	103.3	57.8	11.3	0.0	40.3	162.3
ID990435				102.7	58.4	11.9	0.0	42.5	161.1
BU6W00-523				102.5	60.4	11.7	0.0	36.8	160.8
9222407A				102.1	59.6	11.4	0.0	40.5	164.1
WA008000				101.4	59.7	10.8	0.0	38.0	166.0
HILLER	106.4	100.2	102.1	101.2	57.4	10.7	0.0	38.0	162.6
ID990419				101.1	60.1	11.9	0.0	37.9	165.3
MADSEN	103.3	101.1	102.5	100.4	59.3	11.7	0.0	38.8	164.1
BRUEHL	108.0	102.7	103.8	100.1	58.0	11.2	0.0	39.3	166.0
ARS97135-9		101.5	107.6	96.5	58.4	11.3	0.0	35.0	164.1
MADSEN/ROD				96.5	57.7	11.6	0.0	37.8	164.5
TUBBS 06				94.8	57.5	11.8	0.0	39.0	162.6
ARS99123				93.8	59.9	10.8	0.0	35.8	163.0
BZ6WM02-1020				93.1	58.8	12.8	0.0	35.8	164.5
ORSS-1757			104.5	92.4	57.6	11.2	0.0	38.3	160.8
WB 528		86.5	82.9	92.3	59.4	11.4	0.0	36.0	156.3
BU6W99-456				91.2	59.9	12.7	0.0	34.8	154.8
IDAHO 587		92.1	92.6	87.2	58.3	11.9	0.0	34.5	160.0
MOHLER	101.4	93.0	92.2	87.2	58.1	11.9	0.0	39.0	161.1
SIMON	97.7	93.5	94.6	86.7	58.1	11.5	0.0	37.8	162.6
ORH010920				82.8	56.5	12.3	0.0	32.0	155.9
BZ6WM02-1154				81.8	58.9	13.3	0.0	36.0	158.9
STEPHENS	95.7	89.7	85.6	81.2	57.4	12.6	0.0	35.0	160.0
ORCF-101		89.5	87.0	80.1	57.4	12.5	0.0	36.5	160.8
WA007999				71.6	57.1	12.6	0.0	30.3	161.5
C.V. %	8.2	9.7	9.1	9.2	1.1	7.9	--	--	--
LSD '@ .10'	4.5	6.7	7.8	11.1	0.7	1.1	--	--	--
Average	107.3	102.9	105.8	103.3	59.3	11.6	1.0	38.1	163.0
Highest	115.2	114.1	120.2	122.5	61.8	13.3	23.8	43.5	166.0
Lowest	95.7	86.5	82.9	71.6	56.5	10.4	0.0	30.3	154.8

2006 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT RITZVILLE, WA.

TABLE WA4117.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2006 YIELD (BU/A)	2006 TEST WT (LBS/BU)	2006 PROTEIN (%)	2006 LODGING (%)	2006 PLANT HT	2006 HEAD DATE
CODA	66.0	66.9	69.8	78.0	62.1	13.0	0	34.3	154.1
MASAMI	70.7	71.5	73.9	77.7	60.5	12.0	0	33.3	156.0
GEORGE		66.6	67.7	74.3	60.2	12.1	0	32.8	156.0
CHUKAR	68.6	68.3	65.6	74.0	59.9	11.2	0	31.5	154.1
WA007973			73.2	72.8	60.0	12.0	0	31.3	152.6
HILLER	63.8	64.1	64.4	72.4	59.5	11.4	0	32.3	152.6
ARS97135-9		63.6	62.7	71.0	60.1	11.9	0	29.8	154.1
ARS00258				70.4	62.0	13.0	0	31.0	153.8
ORCF-102			68.3	69.1	60.8	11.8	0	32.8	153.4
ROD	67.7	65.8	65.3	68.1	59.7	12.1	0	29.3	154.5
TUBBS	68.0	67.3	70.3	67.6	60.3	11.9	0	33.3	152.3
RELY	61.6	60.8	60.4	67.3	61.4	12.4	0	33.0	153.8
MJ-9	63.5	61.9	64.4	67.2	59.8	12.5	0	30.3	154.5
FINCH	68.1	68.3	68.0	67.1	61.8	11.5	0	30.5	156.0
ELTAN	62.5	61.6	62.8	66.7	60.9	12.6	0	31.3	156.0
ARS00235		61.0	63.0	66.5	60.8	13.8	0	35.0	154.1
MADSEN	62.6	62.2	63.1	66.5	60.6	13.1	0	31.3	154.1
WA007935		58.5	60.6	66.0	60.4	12.7	0	32.0	156.0
BRUEHL	65.5	64.2	64.1	65.5	59.6	12.3	0	32.8	156.0
MADSEN/ROD				65.3	60.0	12.5	0	31.5	154.5
MOHLER	63.7	61.8	64.2	65.1	60.8	12.2	0	31.8	151.1
LEWJAIN	62.6	63.0	61.8	64.6	62.0	12.4	0	30.5	155.6
EDWIN	59.2	61.3	60.5	64.5	62.6	12.4	0	34.3	152.3
WA008000				64.4	61.1	12.4	0	31.5	156.0
RJAMES		61.7	62.4	64.2	59.4	11.0	0	28.8	153.4
MJ-4	63.9	61.6	61.0	63.8	58.7	11.5	0	32.0	155.6
BU6W00-523				63.4	62.0	13.0	0	30.8	150.8
CASHUP	59.9	60.9	61.7	62.9	62.0	13.0	0	29.0	153.0
HUBBARD	61.7	60.4	60.8	62.4	61.5	13.3	0	36.0	153.0
WA007934		62.0	63.1	61.9	59.7	12.6	0	30.5	155.3
ID990419				61.9	60.7	12.0	0	31.8	155.3
CONCEPT		56.8	58.9	61.9	62.1	12.3	0	30.3	153.8
ORCF-101		62.9	62.9	60.4	60.5	12.7	0	31.3	150.8
WA007970			57.4	59.9	60.4	12.7	0	31.5	155.6
TUBBS 06				59.2	59.9	12.2	0	32.3	152.6
ID990435				58.8	60.0	11.9	0	33.0	151.1
STEPHENS	57.9	55.9	54.9	58.1	60.3	12.0	0	30.0	150.0
BRUNDAGE 96	59.6	59.1	61.4	57.9	59.6	12.1	0	28.8	151.5
HILL 81	60.1	58.8	57.5	57.2	61.1	12.8	0	32.5	153.8
WA007971			57.9	57.1	57.8	11.6	0	29.8	155.3
ARS99123				57.0	60.9	12.9	0	29.5	153.0
WB 528		55.4	53.2	56.5	61.5	12.4	0	30.3	146.3
BZ6WM02-1020				56.0	61.0	12.4	0	29.5	154.5
ARSC96059-1			63.0	55.8	60.7	12.8	0	33.8	153.4
ARSC96059-2				54.9	61.1	12.7	0	33.0	153.4
SIMON	56.0	53.3	55.0	53.7	59.2	12.5	0	30.5	152.6
ORSS-1757			61.4	53.3	59.5	11.8	0	31.5	150.8
WA007999				52.1	56.4	12.5	0	25.5	151.5
LAMBERT	57.1	54.3	53.4	52.0	60.3	12.4	0	31.8	150.0
IDAHO 587		51.2	51.5	51.7	59.9	12.1	0	30.0	150.0
9222407A				51.0	60.3	13.2	0	31.0	154.1
BU6W99-456				50.3	61.6	13.9	0	29.0	144.8
BZ6WM02-1154				47.1	60.6	13.6	0	26.5	148.9
ORH010920				37.7	58.9	12.2	0	26.3	145.9
C.V. %	9.1	10.8	11.9	12.1	0.9	6.5	--	--	--
LSD '@. 10'	3.0	4.4	6.0	8.8	0.7	0.9	--	--	--
Average	63.1	61.6	62.3	62.1	60.5	12.4	0	31.2	153.0
Highest	70.7	71.5	73.9	78.0	62.6	13.9	0	36.0	156.0
Lowest	56.0	51.2	51.5	37.7	56.4	11.0	0	25.5	144.8

2006 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT ST. JOHN, WA.

TABLE WA4128.

Variety Name	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	2006 YIELD (BU/A)	2006 TEST WT (LBS/BU)	2006 PROTEIN (%)	2006 LODGING (%)	2006 PLANT HT	2006 HEAD DATE
TUBBS	144.8	144.8	133.6	162.2	60.6	10.1	0.0	43.5	148.6
CHUKAR	148.1	144.6	135.5	157.1	60.0	10.2	17.5	43.8	152.0
ARS97135-9		148.5	139.0	155.3	59.8	10.7	2.5	40.8	151.6
TUBBS 06				154.9	60.6	10.0	0.0	43.5	149.8
MJ-9	142.1	142.4	136.3	151.4	59.4	10.0	0.0	41.8	152.0
WA007973			115.4	151.2	60.1	10.3	0.0	42.0	152.0
ARSC96059-2				147.4	62.0	10.6	35.0	46.0	151.6
WB 528		127.6	113.7	147.4	61.7	9.9	2.5	40.3	146.0
HILLER	131.0	122.0	108.3	147.2	58.2	10.4	2.5	43.0	151.3
GEORGE		118.7	103.6	147.2	60.0	10.2	37.5	45.8	153.5
MOHLER	131.8	128.4	111.9	146.9	61.2	9.5	12.5	42.3	148.3
ORCF-102			123.8	146.3	61.3	10.7	0.0	44.3	150.5
MASAMI	135.8	133.2	121.0	145.9	59.7	9.3	0.0	43.5	152.0
HUBBARD	141.6	138.7	123.4	145.2	60.9	10.1	0.0	48.0	151.3
BU6W00-523				145.1	61.8	10.7	0.0	40.8	149.0
ARS00235		123.2	114.4	144.0	61.9	10.9	48.8	46.5	153.1
ARSC96059-1			125.5	143.8	62.5	10.8	36.3	45.8	151.6
CONCEPT		130.7	123.1	143.8	61.0	10.5	0.0	39.5	151.6
MADSEN	133.6	134.3	127.7	143.4	60.9	10.7	0.0	40.5	150.9
BRUEHL	130.6	125.3	109.6	142.9	57.9	10.8	18.8	44.5	153.5
BRUNDAGE 96	133.4	127.6	116.5	142.2	60.6	10.3	0.0	39.8	150.1
FINCH	141.4	138.8	126.7	142.1	61.8	10.5	5.0	42.5	153.5
SIMON	137.2	133.7	129.1	141.8	60.8	10.4	0.0	42.5	150.5
MADSEN/ROD				141.5	59.9	11.0	2.5	41.3	151.6
MJ-4	137.1	131.8	119.6	140.9	59.1	11.4	0.0	41.3	153.1
CODA	129.8	123.8	113.5	140.0	62.3	10.6	37.5	43.5	152.0
CASHUP	134.4	130.8	118.3	139.6	61.2	10.9	0.0	40.8	151.6
BZ6WM02-1020				138.6	60.9	11.0	0.0	41.5	152.4
ID990435				138.5	60.2	10.5	2.5	44.3	150.5
HILL 81	141.0	137.8	124.4	138.5	60.9	10.7	15.0	44.0	151.6
BU6W99-456				138.3	62.7	11.3	0.0	38.5	146.4
WA007971			109.3	138.2	58.7	10.2	0.0	39.0	152.4
WA007935		121.2	110.5	137.7	60.8	10.5	13.8	43.8	153.5
STEPHENS	138.7	136.6	128.2	137.5	59.9	10.8	0.0	40.0	147.9
LAMBERT	135.6	127.2	119.8	137.0	60.5	10.5	15.0	41.8	148.6
RELY	128.9	123.1	107.0	136.4	60.8	10.7	70.0	45.0	152.4
ORCF-101		137.0	130.0	136.1	60.5	11.3	0.0	41.8	150.1
WA007934		118.4	101.1	135.0	60.5	10.0	5.0	43.5	153.5
ORH010920				134.3	60.3	10.9	0.0	36.5	146.4
RJAMES		125.4	107.5	133.1	58.6	9.9	35.0	39.5	152.0
IDAHO 587		131.0	122.7	132.9	60.0	10.6	2.5	38.8	148.3
9222407A				132.8	60.9	10.6	2.5	43.5	152.0
ARS99123				132.7	61.4	10.9	60.0	41.3	148.3
ARS00258				132.6	60.7	11.1	53.8	42.8	151.6
ROD	136.9	128.3	111.0	132.6	59.0	10.2	27.5	40.5	151.6
WA008000				132.6	61.2	10.8	0.0	40.8	152.4
ORSS-1757			111.8	131.4	60.1	10.5	30.0	39.5	148.3
ID990419				129.8	60.4	10.0	6.3	41.5	152.8
LEWJAIN	119.3	111.7	95.5	128.6	60.5	10.6	31.3	42.0	153.5
WA007970			106.9	128.2	61.5	11.1	0.0	40.0	154.3
EDWIN	105.0	99.1	89.3	128.0	62.6	11.4	53.8	47.5	151.6
BZ6WM02-1154				125.3	62.8	11.4	2.5	39.3	146.8
ELTAN	121.2	112.9	93.8	117.2	60.3	10.6	48.8	43.5	153.1
WA007999				107.3	59.6	11.1	0.0	31.8	151.6
C.V. %	9.4	11.1	11.3	6.3	0.6	5.9	--	--	--
LSD '@ .10'	6.4	9.6	11.2	10.3	0.5	0.7	--	--	--
Average	133.9	129.0	116.9	139.4	60.6	10.6	13.6	42.0	151.1
Highest	148.1	148.5	139.0	162.2	62.8	11.4	70.0	48.0	154.3
Lowest	105.0	99.1	89.3	107.3	57.9	9.3	0.0	31.8	146.0