

## RESULTS AND DISCUSSION

2005 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 2005 crop year will undoubtedly go on record as a unique year associated with such elements as: drought conditions in the early spring, above average precipitation in May 2005, cool, moist conditions throughout most of June 2005, high levels of plant lodging, etc. All of these conditions have caused some blips at times in the way a specific variety performed in 2005 compared to historical trends. The following sections provide discussion and data sets for each of the nursery types evaluated in the 2005 WSU Extension Uniform Cereal Variety Testing Program trials.

### 2005 SOFT WHITE WINTER WHEAT

**OVERVIEW:** Fall 2004 Planting Conditions were favorable resulting in excellent winter wheat germination and emergence throughout all of eastern Washington. Below normal fall and winter precipitation resulted in drought-type conditions in early spring. For example, Pullman and Lind crop-year precipitation were both nearly 40% - 50% below normal at the beginning of March 2005. This was typical throughout all of eastern Washington. Above normal spring precipitation during March and May that ranged 20% to over 80% above average provided enough precipitation during optimum stages of growth to produce good winter wheat yields in most situations. Fall and spring/summer weather patterns also favored stripe rust (*Puccinia striiformis*) infections in susceptible winter wheat varieties. Stripe rust appeared early in the 2005 growing season and favorable environmental conditions resulted in high inoculum levels. Fortunately, the majority of soft white common winter wheat varieties have high levels of high temperature-adult plant (HTAP) resistance to stripe rust and exhibited minimal effects. However, with such high inoculum levels, it was common for some moderately resistant varieties to exhibit substantial stripe rust infections prior to reaching a mature (adult plant) stage when resistance mechanisms are activated. Increased plant height and lodging was prevalent in the 2005 winter wheat crop. At many testing locations, varieties average 4-5 inches taller than normal and had high levels of lodging. This was associated with late season growing conditions (cool temperatures, minimal light and heat intensity) that favored stem development and elongation. Winter wheat yields from the 2005 WSU Variety Testing Program nurseries were generally comparable to three and five-year historical yield averages. At the many locations, yield differences among varieties were minimal. In part, this can be attributed to many of the varieties and experimental lines having similar backgrounds (pedigrees). For example, over one-half of all soft white winter wheat entries had Madsen-type parentage. Madsen also showed excellent resistance to stripe rust. A relatively mild winter tended to favor varieties that exhibit faster post-winter regrowth in the early spring. Three commercially available herbicide-tolerant Clearfield™ varieties (ORCF-101, ORCF-102) - Oregon State University and (ID 587) -University of Idaho, were included in the trials. 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.

Listed below are summary evaluations for soft white winter wheat at each WSU Variety Testing Program soft white winter wheat location:

### **ALMIRA SOFT WHITE WINTER WHEAT**

1. 2005 Soft Winter Wheat yield data from the WSU Variety Testing nursery at the Almira location averaged 105.2 bu/ac and was slightly higher than the historical 3-year average by 6% (99.4 bu/ac). *NOTE: The Almira nursery was located approximately 10 miles north of Almira, WA off Bagdad Rd (D. McKay farm).*
2. This nursery was planted on 9 September 2004 into excellent soil moisture. Fall 2004 GROWING CONDITIONS coupled with a mild winter and timely precipitation patterns in late spring 2005 undoubtedly were ideal for winter wheat development in this region for the 2005 crop.
3. STRIPE RUST was generally not an issue in this soft white winter wheat nursery.
4. Average plant height of the 48 varieties in the soft white winter nursery was 41.6 inches compared to an average plant height of 36.8 inches in the 2004 nursery – nearly 5-inches taller in 2005. Eltan averaged 43.0 inches compared to 38.0 inches in the 2005 and 2004 nurseries, respectively.
5. YIELD RANKING trends among varieties at this location remained fairly consistent with the historical yield rankings. The 2005 growing season seemed to favor earlier maturing varieties in comparison to varieties and experimental lines that had Eltan in their pedigrees. This is probably a function of a faster root growth and soil penetration of early varieties compared to Eltan that is slower to start in the spring and may not have developed as extensive a root system that was needed later in the season when soil moisture dried in the upper soil levels.
6. TEST WEIGHT values were good at this location suggesting late season precipitation during June 2005 'hit' at the right time for kernel development and fill.

### **ANATONE SOFT WHITE WINTER WHEAT**

1. 2005 Soft Winter Wheat yield data from the WSU Variety Testing nursery at the Anatone location averaged 100.7 bu/ac that and was over 10 bu/ac higher than historical 3-year average yields.
2. Variety YIELD RANKINGS followed historical trends at this location with the historical highest yielding varieties generally performing the best in 2005. It also appeared that newer varieties with earlier growth habit had a yield advantage over Madsen-type varieties with a moderate growth habit and definitely over varieties that had an Eltan compliment in their pedigrees. For example, 5 of the 7 lowest yielding SWH common varieties/lines in the 2005 nursery had Eltan pedigrees (ID620, WA7934, George, Eltan, and WA7935). In my opinion, this is not uncommon since Eltan is typically a later maturing variety and it also appears to have slower spring regrowth than other varieties. This is an advantage in other areas of the state. Club winter wheat varieties such as Chukar, Edwin, Coda and Rely did not perform as well as in previous years – this could also be a function of maturity differences.
3. Stripe rust was not an issue in this soft white winter wheat nursery.
4. Average HEADING DATE that includes all varieties in the nursery was the same as 2004 (6 Jun).
5. TEST WEIGHT and % PROTEIN levels were good for soft white winter wheat.

### **COLTON SOFT WHITE WINTER WHEAT**

1. 2005 Soft Winter Wheat yield data from the WSU Variety Testing nursery at the Colton location averaged 154.4 bu/ac and was over 30% higher than the historical 3-year average (117.6 bu/ac). *NOTE: The Colton nursery was located approximately 5 miles north of Colton on Becker Road (R. Druffel farm).*

2. YIELD RANKING trends among varieties at this location remained fairly consistent with the historical yield rankings; however there were more differences in 2005 vs. 3-year rankings in this nursery than at many other locations. Average HEADING DATE was about 10 days earlier in 2005 (6 Jun 2005) compared to 2004 (16 Jun 2004). This may have contributed to some of the variety response differences in 2005 compared to historical yield trends.
3. Yield values for many of the varieties were extremely close, differing by less than a bushel per acre in many situations.
4. The trend of increased PLANT HEIGHT seen in 2005 was also observed in the Colton nursery with average plant height of 41.2 inches in 2005 compared to 37.2 inches in 2004 – a 4 inch increase in 2005. In spite of increased plant height, lodging was not a problem for the majority of varieties in this nursery.
5. STRIPE RUST was not an issue in this soft white winter wheat nursery.
6. This nursery had excellent fall 2004 growth and excellent spring 2005 regrowth. The nursery was located in a flat (re-cropped following dry peas in 2004) with adequate fertilization and good sub-surface moisture. Everything seemed to go right to produce bushels in this nursery in 2005.

#### **CRESTON SOFT WHITE WINTER WHEAT**

1. 2005 Soft Winter Wheat yield data from the WSU Variety Testing nursery at the Creston location averaged 107.1 bu/ac and was higher than the historical 3-year average (98.9 bu/ac) by 8.2% *NOTE: The Creston nursery was located approximately 8 miles north of Creston, WA off Robertson Road (J. Kraus farm).*
2. This nursery was planted on 8 September 2004 into excellent soil moisture. Fall 2004 GROWING CONDITIONS coupled with a mild winter and timely precipitation patterns in late spring 2005 undoubtedly were ideal for winter wheat development in this region for the 2005 crop.
3. STRIPE RUST and LODGING were generally not an issue in this soft white winter wheat nursery.
4. Average PLANT HEIGHT of all varieties in the soft white winter nursery was 41.6 inches compared to an average plant height of 33.6 inches in the 2004 nursery – nearly 8-inches taller in 2005. For example, Eltan averaged 41.0 inches compared to 33.5.0 inches in the 2005 and 2004 nurseries, respectively. Average HEADING DATE was slightly earlier (about 4 days) than in 2004.
5. YIELD RANKING trends among many varieties at this location seemed to vary in this nursery compared to the historical yield rankings. There didn't appear to be a consistent pattern of responses by varieties to the unique 2005 growing season that consisted of drought conditions in early spring, high precipitation in May and early June and late season hot, dry conditions. It is also worth noting that many varieties had fairly equal yields, separated by less than 1-2 bushels per acre in many situations and from a statistical perspective, the top 10 varieties in this trial were statistically equal. Use of historical yield values is more indicative of variety performance at this location.
6. TEST WEIGHT and PROTEIN values were generally good at this location for soft white market class of wheat.

#### **DAYTON SOFT WHITE WINTER WHEAT**

1. 2005 Soft Winter Wheat yield data from the WSU Variety Testing nursery at the Dayton location averaged 115.8 bu/ac and were comparable to 3-year average yields (117.3 bu/ac). *NOTE: The 2005 nursery was located approximately 3 miles east of Dayton (D. Ingram farm) – the previous nursery location was approximately 10 miles NW of Dayton (R. James farm). The 2005 location is located on a highly productive, sub-irrigated flat*

piece of ground. In addition, the 2005 location had a high fertility level with 100#N applied as commercial fertilizer in addition to the use of asparagus butts worked into the ground at a 6-inch depth to provide an additional source of nitrogen.

2. YIELD values generally ranked (high to low) similar to 3-year average yields among varieties. As you will see, a few varieties performed better/worse than previous years with no guess at this point in time as to why the differences other than a function of the environmental conditions in 2005.
3. MOST PRONOUNCED were low test weight, high protein, tall plant heights and extreme lodging in the 2005 nursery. This is a function of high fertility, excellent growing conditions and the seasonal environmental patterns in 2005.
4. Plant Height: Average plant height in this location was 41.6 inches compared to an average plant height in the 2004 nursery of 33.4 inches (over 6-8-inches taller plants on average in 2005). Even realizing that the winter wheat nursery locations were different in 2004 and 2005 examples of plant heights: Madsen (43 inches in 2005, 33 inches in 2004; Rod (40 inches in 2005, 32 inches in 2004); Eltan (40 inches in 2005, 34 inches in 2004).
5. GRAIN PROTEIN: Protein percentages were extremely high in 2005 and were slightly associated with lodging of varieties. It appears that most of the varieties had accumulated a high percentage of nitrogen into the developing wheat kernels early in the kernel development phase and probably ahead of lodging. Considerable LODGING came at a time in early July when the kernels were beginning to fill – it is speculated that lodging, coupled with dry soil conditions during kernel fill basically shut the plants down and also reduced TEST WEIGHT. Thus we have a situation of extremely high grain protein percentages. Not all varieties responded the same to the lodging, protein, and test weight scenarios indicating physiological differences among varieties in terms of nitrogen accumulation and carbohydrate accumulation during grain development.
6. STRIPE RUST infection percentages were fairly high at the Dayton location; however, in most cases, high temperature – adult plant resistance was sufficient to limit the impact of stripe rust on most varieties. There was also such a high level of plant growth that stripe rust was probably a secondary issue to lodging and dry soil conditions

#### **DUSTY SOFT WHITE WINTER WHEAT**

1. 2005 Soft Winter Wheat yield data from the WSU Variety Testing nursery at the Dusty, WA location (approx. 6 miles west of Dusty, WA) averaged 95.7 bu/ac. The 2005 Soft White Winter wheat average yields were almost identical to 3-year average yields (96.7 bu/ac).
2. Stripe rust was generally not an issue in this soft white winter wheat nursery.
3. Heading dates averaged slightly earlier (2-3 days) than in 2004.
4. Yields for over 60% of the varieties were closely grouped in the 90 – 99 bu/ac range with little to no significant difference between them. It is interesting to note that five of the top eight highest yielding varieties (Rjames, George, WA7973, WA7972 and ID620) have Eltan in their pedigree. Possibly the spring growing season (dry in Mar/Apr; wet in May) favored variety-types such as Eltan that is slower to take off in the spring and later in maturity – it may have been able to idle along during the drier periods and take better advantage later in the season.

#### **FAIRFIELD SOFT WHITE WINTER WHEAT**

1. 2005 Soft Winter Wheat yield data from the WSU Variety Testing nursery at the Fairfield location averaged 137.1 bu/ac and was higher than the historical 3-year average (97.0 bu/ac) by 23.1% (22.5 bu/ac) NOTE: The Fairfield nursery was located approximately 1 miles north of Fairfield, WA off SR-27 (A. Anderberg farm).

2. This nursery was planted on 20 September 2004 following a spring 2004 lentil crop. Fall 2004 GROWING CONDITIONS coupled with a mild winter and timely precipitation patterns in late spring 2005 undoubtedly were ideal for winter wheat development in this region for the 2005 crop.
3. STRIPE RUST and LODGING were generally not an issue in this soft white winter wheat nursery.
4. In contrast to many other soft white winter wheat nurseries, average PLANT HEIGHT of all varieties in the soft white winter nursery was only slightly higher than the previous year (37.3 inches in 2005 compared to 35.1 inches in 2004). Average HEADING DATE was slightly earlier (about 3 days) than in 2004 (13 June in 2005 and 16 June in 2004).
5. YIELD RANKING trends among many varieties at this location seemed to track fairly well with historical yield rankings. This was a nursery where early spring regrowth capacity of individual varieties contributed to higher yields. For example, spring regrowth ratings take on 15 April 2005 for the 10 highest yielding varieties was 8.0 compared to 5.3 for the 10 lowest yielding soft white winter wheat varieties. *(NOTE: Spring regrowth ratings are on a 1 (poor regrowth) to 10 (excellent regrowth) scale. Regrowth ratings for selected varieties were: ORCF-102 (9.8), Madsen (6.5), Eltan (5.5), Lewjain (5.8) and Edwin (5.5).* The unique 2005 growing season that consisted of below normal precipitation throughout most of the winter and into the late spring before above normal May 2005 precipitation apparently favored varieties that had earlier spring regrowth capacity.
6. TEST WEIGHT and PROTEIN values were generally good at this location for soft white market class of wheat.

#### **FARMINGTON SOFT WHITE WINTER WHEAT**

1. 2005 Soft Winter Wheat yield data from the WSU Variety Testing nursery at the Farmington location averaged 126.4 bu/ac. The 2005 Soft White Winter wheat average yields were slightly (6.4%) higher than the previous 3-year average yields (118.8 bu/ac).
2. STRIPE RUST infections were not an issue in this soft white winter wheat nursery. This nursery was direct seeded with a cross-slot drill following a 2004 spring lentil crop. It did receive a preventive fungicide treatment for stripe rust control.
3. AVERAGE PLANT HEIGHT and average HEADING DATE were similar to the previous year; however LODGING was a significant issue in this nursery with an average 62.4% compared to an average of 2.3% in 2004. Most lodging occurred later in the season and was a function of heavy grain production coupled with late season rain and wind storms.
4. YIELD rankings tracked with historical averages in general; however, there was a fairly strong correlation of YIELD to LODGING with lower yields associated with higher levels of lodging.
5. TEST WEIGHT values were fairly low and undoubtedly influenced by lodging. There did not appear to be a relationship between test weight and percent lodging suggesting that lodging reduced test weight similarly in the majority of varieties. It was noted that Eltan-types that have weaker stems and are typically more prone to early lodging appeared to have some of the lower test weight values

#### **LAMONT SOFT WHITE WINTER WHEAT**

1. 2005 Soft Winter Wheat yield data from the WSU Variety Testing nursery at the Lamont location averaged 80.4 bu/ac. The 2005 Soft White Winter wheat average yields were substantially less than the 3-year average yields (106.0 bu/ac).
2. This nursery was seeded on 8 Sept 2004 (summer fallow ground) and had excellent emergence and early spring regrowth. This is a nursery where precipitation was over 60% below normal until mid-May 2005 when above average rainfall made the crop. In situations like this, the root systems and crowns of the plants were sitting in dry soil and

essentially idling along until the moisture events (aka rain) happened in May. This is speculated to have been the major cause of lower than average yields at this location.

3. STRIPE RUST infections were not an issue in this soft white winter wheat nursery.
4. AVERAGE PLANT HEIGHT was about 3-inches taller than the previous year average – a trend that is being observed in the majority of other 2005 nurseries.
5. LODGING averaged 61.0% for this nursery – most of that occurred during a heavy rain and wind storm on the weekend of 9 July 2005.
6. YIELD rankings tracked with historical averages in general. Later maturing Eltan-types tended to have lower yields and associated higher levels of lodging. Among all varieties tested, yields appeared to follow a trend of reduced yield with increased lodging. Test weight followed a similar trend. The highest yielding varieties in the 2005 nursery in general also have the highest 3-year average yields.

#### **LIND SOFT WHITE WINTER WHEAT**

2005 Soft Winter Wheat yield data from the WSU Variety Testing nursery at the Lind location (WSU Dryland Research Station) averaged 48.4 bu/ac. The 2005 Soft White Winter wheat average yields were comparable to 3-year average yields at this location (45.0 bu/ac).

1. Stripe rust was generally not an issue in this soft white winter wheat nursery. The majority of the soft white winter wheat varieties carry high temperature, adult plant resistance and stripe rust infections on susceptible winter wheat varieties were at low levels at the Lind Research Station.
2. Heading dates averaged slightly earlier (5-days) than in 2004.
3. Protein values were high for this nursery due to fairly high levels of residual nitrogen and coupled with dry upper-level soil moisture during grain fill. Test weight values also reflect the impact of dry upper-soil moisture levels during grain fill.

#### **MAYVIEW (Garfield County) SOFT WHITE WINTER WHEAT**

1. 2005 Soft Winter Wheat yield data from the WSU Variety Testing nursery at the Mayview location averaged 109.9 bu/ac and was nearly the same as the historical 3-year average (110.1 bu/ac). *NOTE: The Mayview nursery was located approximately 20 miles northeast of Pomeroy, WA in Garfield County – on the breaks of the Snake River above Lower Granite Dam (R. Koller farm).*
2. This nursery was planted on 14 October 2004 into excellent soil moisture. Fall 2004 GROWING CONDITIONS coupled with a mild winter and timely precipitation patterns in late spring 2005 undoubtedly were ideal for winter wheat development in this region for the 2005 crop.
3. STRIPE RUST was fairly prevalent in this nursery on a 24 Jun 2005 evaluation. Varieties such as Dune, Lewjain, Edwin and Rely all had over 70% infection with minimal to no high temperature – adult plant resistance appearing on this date. It is worth noting that each of these varieties had the lowest yields in the nursery. All other varieties showed little to no infection and high temperature – adult plant resistance symptoms were prevalent on many varieties.
4. TEST WEIGHT values were good and averaged 60.3 lb/bu. Even varieties with fairly high levels of stripe rust had good test weight.
5. Average plant height of the varieties in the soft white winter nursery (38.9 inches) was essentially equal to the previous year average plant height (38.5). This is one of the few nurseries harvested to date that did not exhibit above average plant height. This may be associated with the later seeding date for this nursery (14 October 2004).
6. YIELD RANKING trends among varieties at this location remained consistent with the historical yield rankings. About the only trend observed is later maturing-type varieties

(such as Eltan-types, Lewjain, etc.) tended to have the lower yields. Again, probably a function of the unique environmental conditions in 2004/2005.

#### **MOSES LAKE SOFT WHITE WINTER WHEAT (IRRIGATED)**

1. 2005 Soft White Winter Wheat yield data from the WSU Variety Testing nursery at the Moses Lake location averaged 132.8 bu/ac. *NOTE: The 2005 nursery was located approximately 5 miles SE of Moses Lake on Rd 3 SE and was under a center pivot irrigation system following potatoes.*
2. Yield rankings for 2005 data were comparable to historical yield ranking and performance in the Moses Lake nursery. LODGING was very pronounced. In general there was a fairly strong trend that showed decreased yields with higher percentages of lodging. In some cases such as Lambert, ORCF 102 and Stephens, lodging did not appear to have as great an impact on yield; however, it is worth noting that lodging notes were taken prior to harvest and it appears that the timing of lodging probably has a greater impact than measurements just prior to harvest. For example, lodging was observed early in Eltan at the beginning of June 2005 when lodging of other varieties did not occur till into July 2005 – later in plant development. Eltan had the lowest yield in the 2005 nursery but typically has yields that average in about the middle.
3. Average PLANT HEIGHT in the 2005 Moses Lake nursery averaged 43 inches compared to an average of 34.2 inches in 2004.
4. STRIPE RUST infections were minimal on susceptible varieties in this nursery.

#### **PULLMAN SOFT WHITE WINTER WHEAT**

1. 2005 Soft Winter Wheat yield data from the WSU Variety Testing nursery at the Pullman location averaged 140.3 bu/ac and was similar to the historical 3-year average (138.7 bu/ac). *NOTE: The Pullman nursery was located approximately 8 miles southeast of Pullman on Sand Road (N. Druffel & son's farm).*
2. YIELD RANKING trends among varieties at this location remained fairly consistent with the historical yield rankings. The 2005 growing season was conducive to conducive to increased plant height and associated high levels of lodging in this nursery.
3. Average PLANT HEIGHT was 42.7 inches in 2005 compared to 35.3 inches in 2004 – over 5-7 inches taller in 2005. LODGING averaged over 46% at the Pullman location. Varieties and experimental lines prone to lodging such as those that have Eltan in their pedigrees exhibited some of the highest levels of lodging and generally had the lowest yields in the nursery.
4. STRIPE RUST was generally not an issue in this soft white winter wheat nursery except in susceptible varieties. Varieties that appeared to show yield partial reductions from stripe rust infections were Edwin, Rely and Dune. The majorities of other varieties/experimental lines appeared to have sufficient high temperature – adult plant resistance or were able to withstand moderate levels of stripe rust.

#### **REARDAN SOFT WHITE WINTER WHEAT**

1. 2005 Soft Winter Wheat yield data from the WSU Variety Testing nursery at the Reardan, WA location (*approx. 6 miles west of Reardan, WA, H. Johnson farm*) averaged 106.6 bu/ac. The 2005 Soft White Winter wheat average yields very similar to 3-year average yields (108.7 bu/ac) at this location.
2. STRIPE RUST infections were present in this nursery, however, high-temperature, adult plant resistance reactions prevented spread of stripe rust in most varieties. Rely, soft white club, had noticeably high levels of stripe rust on a 29 June 2005 evaluation and was also a variety with one of the lowest yields.
3. HEADING DATES averaged slightly earlier (2-3 days) than in 2004.

4. Yields for over 60% of the varieties were closely grouped with limited statistical significant difference between them. It is interesting to note that five of the top ten highest yielding varieties (WA7973, ID620, Eltan, WA7972 and Rjames) have Eltan in their pedigree. Possibly the spring growing season (dry in Mar/Apr; wet in May) favored variety-types such as Eltan that is slower to take off in the spring and later in maturity – they may have been able to idle along during the drier periods and take better advantage of the growing conditions. In addition, this was also observed in evaluations of early spring regrowth. In general, varieties that showed the highest levels of vigorous, early spring regrowth (WB528, OR9801757, Lewjain, Stephens and Mohler) exhibited some of the lower yield values. This was not always the case; however, there was a strong trend observed at the Reardan location.
5. Historically, it is hard to beat Eltan at this location. Varietal YIELD RANKING comparisons should lean heavily to using the 3-year and 5-year historical data information.

#### **RITZVILLE SOFT WHITE WINTER WHEAT**

1. 2005 Soft Winter Wheat yield data from the WSU Variety Testing nursery at the Ritzville location averaged 59.8 bu/ac. The 2005 Soft White Winter wheat average yields were comparable to 3-year average yields (63.5 bu/ac). *NOTE: The 2005 nursery was located approximately 8 miles NW of Ritzville (E. Maier farm) – the previous nursery location was approximately 8 miles SE of Ritzville (D. Wellsandt farm). The 2005 location is located on a little lighter ground and not in as high a precipitation zone.*
2. This nursery was planted fairly late for the area in 2004 (28 Sept 2004); however, growing conditions favored good yields.
3. Stripe rust was generally not an issue in this soft white winter wheat nursery. Stripe rust was present; however, high temperature, adult plant resistance was prevalent. In contrast, stripe rust was fairly severe in a hard winter nursery planted next to the soft white winter nursery. (see notes below for Ritzville Hard Winter Wheat – 2005)
4. Heading dates averaged slightly earlier (2-3 days) than in 2004.
5. Yield ranking in the nursery for of the majority of varieties was similar to historical average rankings. It is interesting to note that the four varieties with pedigrees that include Stephens (Lambert, Stephens, ID 587 and WB 528) had the average lowest yields in the 2005 nursery depicting poor adaptation for this area.

#### **ST ANDREWS (Douglas County) SOFT WHITE WINTER WHEAT**

1. 2005 Soft Winter Wheat yield data from the WSU Variety Testing nursery at the St Andrews location averaged 87.5 bu/ac and represented a 25-30 bu/ac increase over historical average yields at this location. *NOTE: The St Andrews nursery was located approximately 5 miles west of Coulee City, WA (L. Tanneberg farm).*
2. This nursery was planted on 31 August 2004 into excellent soil moisture. Fall 2004 GROWING CONDITIONS coupled with timely precipitation patterns in spring 2005 undoubtedly were ideal for winter wheat development in this region for the 2005 crop.
3. Typically, this nursery is prone to moderate levels of SNOW MOLD that did not appear in 2004/2005 since snow cover did not last for extended (over 100 days) of time. An example of snow mold impact is best represented in looking at ORCF 101 that is very susceptible to snow mold. ORCF 101 was totally killed in 2004 at this location compared to a yield of 79.0 bu/ac in this year's (2005) nursery.
4. STRIPE RUST was generally not an issue in this soft white winter wheat nursery. Stripe rust was observed on moderately susceptible varieties such as Edwin on a 2 June 2005 evaluation; however, high temperature, adult plant resistance was prevalent and stripe rust infections were negligible to non-existent.



5. Average HEADING DATES were slightly earlier than the previous year (2 June in 2005 and 6 June in 2004).
6. PLANT HEIGHT is indicative of the high yield values in 2005. Average plant height of the varieties in the 2005 nursery was 40.1 inches compared to an average plant height of 32.9 inches in the 2004 nursery – nearly 8-9 inches taller in 2005. Eltan averaged 42.0 inches compared to 33.8 inches in the 2005 and 2004 nurseries, respectively. *Both nurseries are located within 50 yards of each other – literally across the road in different fields.*
7. YIELD RANKING trends among varieties at this location remained fairly consistent with the historical yield rankings. Some Club wheat varieties such as Edwin, Rely and Coda did not finish as high in yield rankings compared to previous years, probably a function of the 2005 growing conditions at St Andrews. On the other hand, Bruehl and Chukar were in the top six for yields. The majority of other varieties performed similar to previous years, except with high substantially higher yields in 2005.

#### **ST JOHN SOFT WHITE WINTER WHEAT**

1. 2005 Soft Winter Wheat yield data from the WSU Variety Testing nursery at the St John location averaged 90.6/ac and was 37% below the 3-year historical average for this location. LODGING was the major contributor to yields lower yields in 2005. There was a strong relationship to reduced yields with increased lodging. This nursery was planted on summer fallow and had excellent emergence in the fall 2004. Growing conditions were ideal at the St John location and lodging was observed late in the spring 2005 and continued to harvest due to the weather conditions. As noted in the data set, all varieties experienced some level of lodging. In contrast, in 2004, only seven varieties lodged at this location. For example, Madsen averaged 36% lodged in 2005 compared to no lodging in 2004.
2. STRIPE RUST infections were negligible at this nursery and high temperature – adult plant resistance overcame the majority of infections that appeared in the resistant varieties.
3. In contrast to many nurseries, average PLANT HEIGHT values were similar to previous years; again this is probably a result of the impact of lodging that probably restricted plant growth.
4. YIELD RANKING trends among varieties at this location remained fairly consistent with the historical yield rankings. Yield comparisons for this nursery should look at the 3-year or 5-yr average values for the best trends in variety performance.

#### **WALLA WALLA SOFT WHITE WINTER WHEAT**

1. 2005 Soft Winter Wheat yield data from the WSU Variety Testing nursery at the Walla Walla, WA location (*approx. 10 miles SW of Waitsburg on Lower Waitsburg Rd- T & J Beechinor Farm*) averaged 104.0 bu/ac. The 2005 Soft White Winter wheat average yields were 21% lower than the historical 3-year average yields (131.4 bu/ac); HOWEVER, this is a different location than previous years and that would influence 2005 yields comparisons with 3-year historical average yields. The comparative ranking by yield of varieties (high to low) in 2005 was very consistent with historical yield rankings.
2. Stripe rust was generally not an issue in this soft white winter wheat nursery. It was present; however, high temperature – adult plant resistance limited infection.
3. Heading dates were similar to 2004.
4. LODGING was severe for many varieties in this nursery. (*It is worth noting that lodging in some varieties is enhanced in plots when a variety severely prone to lodging, such as Edwin, that fall into the adjacent variety.*) In this nursery there was a fairly strong trend of lower test weights associated with high lodging percentages.

5. A common comment heard this year was increased plant height in winter wheat. Plant height in the Walla Walla soft white winter wheat nursery averaged 42.2 inches compared to 39.5 inches in 2004 for all varieties. In general, it appeared that all varieties were 2-3 inches taller in 2005. One suggested reason for this is that heavy precipitation in May followed with fairly cool growing conditions during the month of June 2005 favored tiller development and elongation – we didn't have any blazing hot periods with high sun intensity during June to hold plants back. The taller plants developed weaker stems and there was a lot of heavy grain in the heads (spikes) to tip plants over. Rain and wind storms in early July enhanced the lodging problem.
6. Varieties seemed to perform similar to historical averages. It is difficult to find any specific trends other than (1) varieties less prone to lodging appeared to have had higher average yields and (2) some of the earlier and faster growing varieties may not have adapted as well in 2005 with the dry spring followed by wet May 2005 growing conditions.

TABLE XMC0502. STRIPE RUST INFECTION TYPE (T) AND SEVERITY (%) ON CULTIVARS AND LINES IN THE **SOFT WHITE WINTER** DISEASE NURSERY AT SPILLMAN FARM (LOC01) AND WHITLOW FARM (LOC04) NEAR PULLMAN, MT VERNON, (LOC05); WALLA WALLA (LOC06); AND LIND (LOC07), WA WHEN RECORDED AT THE INDICATED DATES AND STAGES OF PLANT GROWTH IN 2005 UNDER NATURAL INFECTION. (Chen, X., USDA/ARS, August 2005).

VARIETY	Stripe Rust - 2005													
	LOC 01		LOC 04		LOC 05				LOC 06				LOC 07	
	Spillman Farm		Whitlow Farm		Mt Vernon				Walla Walla				Lind	
	6/12/05		6/1/05		4/21/05		5/23/05		4/20/05		5/17/05		6/9/05	
	Headed		Boot		Stem elongation		Heading		Stem elongation		Late Jointing		Milk	
	IT	%	IT	%	IT	%	IT	%	IT	%	IT	%	IT	%
<b>SWH CLUB</b>														
RELY	0,5,8	30	0,5,8	20	2	5	2	2	0	0	0,5,8	30	0,5,8	10
HILLER	5	40	3	10	2	5	2	2	8	2	5	10	2-3	5
CODA	2	20	2	2	5	20	2	2	0	0	3	10	2-3	2
EDWIN	5	50	5	30	2	5	2	2	8	2	5	20	2-3	5
BRUEHL	2	5	2	2	2	5	2	2	0	0	2	1	0	0
F1182 M1-10	2	2	0	0	2	5	2	2	0	0	2	1	0	0
CHUKAR	0	0	0	0	5	20	2	2	0	0	2	1	0	0
ARS97173	2	2	2	2	2	20	2	2	8	2	8	30	0,3	2
ARS97135	0	0	0	0	2	5	2	2	0	0	2	1	0	0
ARS00235	5	30	2	5	2	5	2	2	0	0	3	20	2-3	5
ARS00127	2	10	0	0	2	5	2	2	0	0	2	1	0	0
ARS 96059	2,8	40	2	5	2	5	2	2	0	0	2	1	0,3	2
ARS960411	5-8	30	8	20	2	5	2	2	0	0	5	5	0,8	10
<b>SWH COMMON</b>														
LEWJAIN	5	20	5	20	5	20	2	20	8	5	5	20	2-3	5
MADSEN	2	2	0	0	5	20	2	20	0	0	2	1	0	0
ELTAN	2	10	2	10	2	5	2	2	8	5	3	10	2	5
ROD	2	5	3	5	5	20	2	20	8	2	2,8	5	0	0
FINCH	8	10	2	2	5	50	2	10	0	0	2	2	0	0
MASAMI	2	2	0	0	5	20	2	20	8	2	2	2	2	2
WA007934	2	20	5	30	3	10	2	10	8	2	3	10	2	5
WA007935	2	10	2	5	2	5	2	2	8	15	3	10	2-3	5
WA007972	5	40	5	20	5	20	2	5	8	10	3	30	2-3	2
WA007973	2	10	8	5	8	80	2	10	0	0	2,8	5	0	0
WA007974	2	10	2	5	8	80	2	5	8	2	8	5	8	2
WA007970	2	2	0	0	8	30	2	5	0	0	2	2	0	0
WA007971	2	2	2	2	3	20	3	20	8	5	2,8	2	0,8	5
LAMBERT	3	30	3	5	2	5	2	2	0	0	5	20	0	0
BRUNDAGE 96	5	30	5	30	8	50	2	10	8	2	5	5	2-3	10
HUBBARD	8	20	8	2	8	60	2	5	0	0	5	30	0,5,8	10
SIMON	2	2	0	0	8	50	2	30	0	0	2	1	0	0
DUNE	8	70	8	10	8	50	2	10	0	0	3	5	0,8	10
ID 620	2	30	5	5	2	5	2	2	8	5	2	20	2	5
ID 587	2	5	2	2	2	5	2	2	0	0	2	2	0	0
ORCF-101	5	10	8	5	2	5	2	2	0	0	5	15	0	0
ORCF-102	2	5	0	0	3	10	2	5	0	0	2	1	0	0
STEPHENS	2	5	0	0	3	10	2	5	0	0	2	5	0	0
HILL 81	2	2	0	0	2	10	2	2	0	0	2	1	0	0
TUBBS	2	5	8	5	8	50	5	40	8	2	8	5	0,8	2
OR9801757	2	5	0	0	2	5	2	2	0	0	2	1	0	0
MOHLER	2	2	0	0	5	20	2	20	0	0	8	1	0	0
BZ-6W98-528	2,8	80	0	0	8	60	5	60	0	0	8	1	0	0
CASHUP	2	10	0	0	5	20	2	2	8	2	5	5	0	0
ALBION	2	10	5	10	5	20	2	10	0	0	3	20	0	0
895*88DAWS	2	10	5	10	5	20	2	1	8	2	8	5	0,3	2
MJ-4	3	5	2	2	3	10	2	2	8	5	8	10	0	0
MJ-9	2	2	0	0	8	40	2	20	5	2	2	5	0	0
GMG Q1	2	5	0	0	2	5	2	2	0	0	2	10	0	0
GMG Q2	0	0	0	0	2	5	2	5	0	0	2	2	2	2

Table 41GWTH. 2005 WSU EXTENSION UNIFORM CEREAL VARIETY TESTING SOFT WHITE WINTER WHEAT SPRING GROWTH RATINGS

VARIETY	Percent of Madsen	Dusty: Feb 2	Wallia Wallia: Feb 4	Lamont: Mar 3	St. John: Mar 3	Farmingington: Mar 8	St Andrews: Mar 8	Almira: Mar 8	Moses Lake: Mar 8	Mayview: Mar 10	Dayton: Mar 10	Lind: Mar 14	Ritzville: Mar 14	Reardan: Mar 15	Creston: Mar 15	Colton: Apr 6	Pullman: Apr 6	Farfield: Apr 15	Anaclone: Apr 20	AVERAGE
Soft White Common																				
Stand Index (1 = Low, 10 = High)																				
ORCF-101	119.0	8.8	7.3	9.0	7.5	6.5	6.5	7.3	7.5	6.5	7.0	8.8	7.5	7.0	6.8	7.5	7.3	9.8	6.8	7.5
IDAHO 587	117.5	7.8	5.8	7.5	7.5	7.8	6.0	7.0	7.3	7.5	7.8	8.0	7.8	6.8	7.0	7.8	7.3	9.8	7.0	7.4
WB 528	115.9	8.5	6.8	8.0	7.3	6.8	7.3	6.8	7.5	6.3	7.5	8.8	7.3	8.3	6.5	5.8	7.5	6.0	7.0	7.3
STEPHENS	114.3	8.3	7.0	7.3	7.5	6.8	6.8	7.0	7.0	7.3	7.5	7.3	8.0	7.5	7.3	6.3	7.0	7.8	7.0	7.2
TUBBS	114.3	8.3	7.3	7.3	7.8	6.3	6.8	6.8	7.5	6.8	6.8	8.3	7.5	7.3	7.3	5.5	6.8	7.8	7.3	7.2
MOHLER	112.7	8.5	6.8	7.8	7.5	6.3	6.3	6.3	7.0	6.8	6.3	8.5	7.0	7.5	7.0	5.3	7.0	8.0	7.0	7.1
ORCF-102	112.7	8.5	6.3	7.5	7.3	6.3	6.8	6.5	6.5	6.8	6.3	8.3	7.3	7.0	7.3	7.8	6.8	9.0	6.3	7.1
OR9801757	109.5	9.3	7.0	7.5	7.0	5.8	7.8	6.0	7.0	6.3	6.8	6.8	7.0	7.8	6.0	5.5	6.8	6.8	7.0	6.9
GMG02	106.3	7.8	5.5	7.0	7.0	5.8	7.8	6.0	6.8	6.0	6.3	8.3	6.5	7.5	7.3	5.8	6.5	7.5	6.0	6.7
LAMBERT	104.8	8.3	6.0	6.3	6.8	5.5	6.3	6.0	6.3	6.0	7.5	8.0	7.0	5.8	7.0	5.0	7.0	7.0	6.5	6.6
SIMON	104.8	7.5	6.0	6.5	7.3	5.5	7.0	6.5	5.5	6.3	7.3	8.3	6.3	7.3	7.8	5.0	7.3	6.0	6.3	6.6
HILL 81	103.2	7.3	6.3	6.0	6.5	5.5	6.8	6.5	7.0	5.0	6.3	7.8	6.8	7.0	6.5	5.8	6.0	7.5	6.8	6.5
GMG01	101.6	7.8	5.5	6.0	6.5	6.0	6.8	6.3	7.0	6.0	6.8	7.0	6.3	7.3	6.8	5.3	6.3	6.0	6.0	6.4
ID620	101.6	7.3	4.8	6.5	6.8	5.5	6.8	6.5	7.0	6.0	6.8	7.0	6.3	6.8	7.3	5.5	6.5	6.0	6.0	6.4
MJ-4	101.6	8.0	6.0	6.3	6.5	5.5	5.5	6.5	5.8	5.8	6.8	6.8	6.5	7.0	6.8	5.0	6.0	7.0	6.3	6.4
DUNE	100.0	6.5	6.0	7.0	6.8	5.5	6.5	5.8	7.3	5.8	6.5	7.0	6.3	5.3	7.8	4.8	6.3	6.0	6.3	6.3
LEWJAIN	100.0	7.8	5.0	6.3	6.8	5.5	6.8	6.5	7.0	5.3	6.0	7.3	6.8	7.8	7.0	5.0	5.3	5.8	5.8	6.3
MADSEN	100.0	7.3	5.5	6.3	6.5	5.0	6.0	6.5	6.8	5.8	6.0	7.0	6.5	7.0	7.3	5.0	6.3	6.5	6.0	6.3
WA7973	100.0	7.8	5.3	6.0	6.3	6.3	6.5	5.5	6.5	6.5	6.0	6.8	6.5	6.8	6.0	5.3	6.5	6.5	6.0	6.3
WA7974	100.0	8.0	5.5	6.0	6.3	6.0	6.3	6.5	6.0	6.5	7.0	7.3	6.0	7.5	7.0	5.0	6.5	5.3	5.5	6.3
MASAMI	98.4	7.5	5.3	6.0	6.5	5.3	5.8	6.3	6.3	5.8	6.0	6.8	6.5	7.8	7.5	5.0	6.0	5.0	5.8	6.2
ROD	98.4	8.5	5.5	6.3	6.5	5.0	5.8	6.5	5.8	6.0	6.5	6.5	6.0	6.3	7.5	6.3	6.5	5.8	5.5	6.2
WA7934	96.8	6.8	4.8	6.0	6.0	5.3	6.5	5.8	6.3	5.8	6.3	7.5	6.5	7.0	7.3	5.3	6.3	5.5	5.5	6.1
BRUNDAGE 96	95.2	7.8	5.0	6.0	6.0	5.3	6.0	6.5	6.3	5.3	5.5	6.8	6.3	7.0	7.3	4.3	6.0	5.5	6.0	6.0
WA7971	95.2	7.8	5.3	5.8	6.3	5.5	5.5	6.3	6.5	6.5	7.0	6.8	6.3	7.0	6.8	5.0	6.5	4.8	4.5	6.0
CASHUP	93.7	6.8	5.0	5.3	6.0	5.5	5.8	6.0	5.8	5.3	6.0	6.8	6.0	6.8	7.0	4.8	5.3	6.5	5.5	5.9
FINCH	93.7	7.8	4.8	5.3	5.8	4.8	5.8	5.8	6.5	6.0	6.3	6.0	6.3	7.5	5.5	5.0	6.0	5.5	5.3	5.9
MJ-9	93.7	6.8	4.8	5.5	6.0	4.8	6.0	6.0	5.8	5.5	5.5	6.3	6.3	7.5	5.5	4.8	6.3	7.3	6.0	5.9
ALBION	92.1	7.0	5.3	5.8	6.0	5.3	5.8	5.8	5.5	4.8	5.0	6.8	6.0	6.5	7.0	4.8	5.3	6.3	5.8	5.8
ELTAN	92.1	6.3	4.5	5.8	5.8	5.3	6.8	6.8	5.8	5.0	5.0	6.8	5.5	6.5	6.8	5.5	5.0	5.5	5.8	5.8
HUBBARD	92.1	6.8	5.8	5.5	5.5	4.5	6.3	6.3	6.0	5.3	6.0	6.0	6.0	5.3	6.3	5.0	5.8	6.3	5.8	5.8
WA7935	92.1	6.8	4.8	6.0	5.8	5.3	6.5	5.5	5.8	4.5	5.3	7.3	5.5	7.3	6.8	4.8	5.8	5.3	5.5	5.8
89S*88D	88.9	6.0	4.8	5.3	6.0	5.3	5.5	5.8	5.5	5.0	5.8	6.0	5.5	6.8	7.0	4.8	5.3	6.5	4.8	5.6
WA7972	87.3	4.8	4.5	5.0	5.0	5.3	6.0	5.5	5.8	5.0	5.8	7.0	5.3	6.0	6.5	4.3	5.8	5.3	5.8	5.5
WA7970	79.4	5.0	4.3	4.8	4.8	4.5	5.5	5.5	5.8	4.8	5.3	5.8	4.5	6.8	5.8	4.3	4.3	4.5	4.0	5.0
Soft White Club																				
ARS96411	106.3	7.8	7.3	7.0	7.3	5.3	6.5	6.0	6.5	5.8	6.8	8.8	6.8	7.8	7.0	4.8	6.8	6.8	6.3	6.7
HILLER	104.8	8.3	5.8	7.0	6.5	6.0	6.5	6.0	6.8	6.3	7.0	7.3	6.3	7.0	7.8	5.5	6.3	7.0	6.0	6.6
ARS96059	101.6	8.3	6.8	7.3	6.3	5.3	6.3	6.5	6.0	5.8	6.5	9.0	6.8	6.8	6.5	4.8	5.0	6.0	5.8	6.4
RELY	101.6	7.5	6.0	7.5	6.8	6.0	6.5	6.3	6.8	5.8	6.0	8.3	6.5	6.3	5.8	5.3	6.3	6.0	6.3	6.4
CHUKAR	98.4	7.8	5.5	6.0	6.8	5.8	6.0	6.3	6.0	6.0	6.8	7.5	6.0	6.8	6.0	5.0	6.3	5.3	5.8	6.2
ARS97173	96.8	7.5	5.5	5.8	6.8	5.3	6.3	5.8	6.0	5.8	7.5	7.8	5.8	6.5	5.5	4.8	6.0	5.5	5.8	6.1
BRUEHL	96.8	6.5	5.3	6.3	6.0	5.5	6.5	6.5	6.0	5.5	6.0	7.8	5.3	6.0	6.8	5.0	6.3	6.3	6.3	6.1
ARS00127	95.2	7.5	5.3	5.3	6.0	5.8	6.8	5.3	6.5	5.3	6.3	7.8	6.0	6.5	5.5	4.8	6.0	6.5	5.8	6.0
FT182 M1-10	95.2	6.5	4.5	5.5	5.8	5.5	6.5	6.3	6.0	4.5	6.0	6.5	5.5	6.8	6.8	6.5	6.5	7.3	6.0	6.0
ARS97135	93.7	7.3	5.3	5.8	6.0	5.8	6.0	6.0	5.8	6.3	7.3	5.5	6.8	5.3	4.8	6.0	6.0	6.0	5.5	5.9
CODA	93.7	7.8	5.0	5.5	5.8	4.8	6.0	5.8	5.8	5.5	6.0	7.3	6.0	7.5	5.8	5.0	5.3	6.3	5.3	5.9
EDWIN	92.1	7.0	5.0	6.0	6.0	5.0	6.3	5.8	5.3	5.0	5.5	7.0	6.3	6.5	7.3	5.0	5.5	5.5	5.3	5.8
ARS00235	84.1	6.8	5.3	5.0	5.3	4.0	5.8	5.5	5.8	5.3	6.0	6.3	5.3	5.5	5.0	4.0	5.3	5.0	4.5	5.3
Average	99.7	7.4	5.6	6.3	6.4	5.6	6.4	6.2	6.3	5.8	6.3	7.3	6.3	6.9	6.7	5.2	6.2	6.4	5.9	6.28
CV %		11.5	10.9	8.8	8.6	12.8	9.0	11.7	10.8	10.5	8.0	8.5	10.1	14.1	9.1	9.4	10.1	12.9	10.8	10.6
LSD @.10		1.0	0.7	0.6	0.6	0.8	0.7	0.8	0.8	0.7	0.6	0.7	0.7	1.1	0.8	0.6	0.7	1.0	0.8	0.2

TABLE WA41YD.

## 2005 WSU SOFT WHITE WINTER WHEAT VARIETY TRIAL SUMMARY

VARIETY NAME	YIELD (BU/A)																		VARIETY MEAN YIELD (BU/A)
	LIND DRY	RITZVILLE	LAMONT	ST. ANDREWS	ST. JOHN	DUSTY	ANATONE	WALLA WALLA	ALMIRA	REARDAN	CRESTON	MAYVIEW	DAYTON	FARMINGTON	MOSES LAKE	FAIRFIELD	PULLMAN	COLTON	
Soft White Common																			
ALBION	48.0	62.0	88.7	100.4	111.2	94.8	101.8	96.8	92.2	111.8	102.6	110.9	100.7	128.7	147.8	150.2	136.7	168.1	108.5
BRUNDAGE 96	51.5	64.9	94.0	76.6	90.8	95.9	109.0	115.5	102.0	107.5	112.6	106.8	121.9	136.6	132.4	138.7	153.6	139.2	108.3
CASHUP	41.6	60.5	88.3	83.3	97.0	83.2	101.6	88.3	108.6	106.0	107.1	112.3	123.8	133.4	156.1	148.6	151.3	155.0	108.1
CONCEPT	46.7	55.9	81.0	79.5	102.4	86.7	99.1	91.9	115.9	106.9	109.5	114.0	127.9	132.9	134.0	147.8	159.1	145.2	107.6
DUNE	53.1	59.7	106.8	96.0	93.5	101.0	107.9	114.6	103.6	105.9	114.9	78.5	111.5	139.1	169.5	125.2	104.3	140.9	107.0
ELTAN	47.2	58.9	49.2	87.9	70.5	95.4	91.1	91.7	96.3	114.6	94.7	94.6	111.0	101.9	75.6	129.0	129.3	160.9	94.4
FINCH	45.7	68.9	107.4	100.4	111.3	97.2	102.9	113.7	112.0	114.4	114.6	118.0	118.4	129.2	118.3	135.9	160.6	161.9	112.8
GEORGE	48.3	61.1	61.1	95.0	60.0	103.8	93.4	94.8	94.5	108.9	111.3	106.5	88.4	148.8	92.1	131.1	119.7	154.9	96.8
HILL 81	51.7	57.9	67.7	84.1	110.4	90.9	90.7	97.6	101.1	108.5	95.3	123.7	134.0	148.9	146.9	148.7	163.0	157.9	109.9
HUBBARD	44.5	59.2	65.2	78.5	101.6	89.9	95.7	95.1	101.7	115.5	85.9	103.9	117.4	122.3	158.7	139.6	136.0	162.6	104.1
ID620	46.8	60.4	48.6	85.8	58.3	98.7	95.1	76.0	109.7	119.0	90.5	105.3	101.7	108.2	114.6	126.0	132.7	153.4	98.2
IDAHO 587	44.4	51.4	86.1	85.9	112.5	90.1	102.6	97.3	110.0	98.1	98.6	112.2	123.7	120.2	141.3	151.3	146.3	164.2	107.6
LAMBERT	43.8	54.7	91.4	78.2	102.6	90.5	104.8	107.8	112.3	110.2	102.4	102.7	124.2	136.9	170.3	149.4	155.8	153.5	110.6
LEWJAIN	43.6	59.0	81.1	83.2	62.3	93.0	95.1	93.4	96.7	98.4	106.5	86.1	90.9	96.6	87.1	113.9	106.8	134.0	90.4
MADSEN	51.3	59.8	94.1	79.8	112.1	89.1	102.9	107.4	94.3	104.6	108.0	113.2	127.4	130.0	158.3	129.6	160.7	149.3	109.6
MASAMI	45.6	70.2	105.0	91.2	96.2	104.3	110.5	115.2	115.0	107.2	122.6	118.4	116.7	105.8	127.3	128.0	141.0	155.1	108.7
MJ-4	52.7	58.3	110.0	101.5	98.3	98.0	102.5	119.2	97.4	110.6	125.2	108.9	113.4	131.7	148.3	143.5	158.9	148.5	112.5
MJ-9	51.2	61.5	103.3	95.4	121.2	97.1	104.8	120.0	98.7	105.6	114.0	118.0	115.0	131.7	136.8	141.4	161.0	161.1	113.2
MOHLER	55.7	63.2	76.7	87.3	76.8	90.4	108.9	118.1	115.5	97.3	112.5	122.2	117.4	121.0	139.1	150.4	133.2	166.4	106.5
ORCF-101	45.5	65.4	92.2	79.0	123.9	96.1	105.2	110.3	108.8	93.8	106.5	117.7	109.4	143.4	158.0	151.4	137.6	160.5	111.4
ORCF-102	52.0	67.5	88.5	76.3	101.3	93.9	103.8	119.3	105.6	103.0	104.5	119.4	138.6	139.8	164.3	161.9	153.6	171.1	114.7
ORSS-1757	43.9	69.5	78.0	78.8	92.2	98.8	107.8	103.4	110.3	116.5	107.7	120.7	127.3	133.8	144.8	146.7	138.5	165.0	110.1
RJAMES	50.5	60.6	70.2	104.9	81.8	104.9	111.3	101.2	106.3	112.3	113.2	123.2	125.7	107.3	140.6	151.0	134.1	162.1	109.0
ROD	48.6	62.6	65.5	93.5	89.4	94.2	106.0	110.8	117.6	107.8	105.7	121.4	130.5	132.2	130.4	142.8	171.4	172.6	111.3
SIMON	46.2	56.2	101.9	89.8	116.5	86.6	100.5	111.3	101.4	102.4	118.8	114.3	124.7	141.3	170.8	134.5	152.2	143.7	111.8
STEPHENS	45.4	51.6	89.1	85.8	119.0	92.9	95.9	112.6	106.8	89.9	95.9	109.9	128.0	114.7	152.0	139.7	159.7	157.8	108.2
TUBBS	54.7	72.9	96.7	95.0	104.9	104.2	115.1	121.5	117.8	94.7	119.7	121.8	124.8	144.3	138.3	155.9	142.8	168.0	116.3
WA7934	47.1	64.3	70.1	84.1	67.2	97.6	94.1	103.0	104.9	108.2	118.3	97.9	105.0	106.3	131.9	131.9	127.5	161.3	99.8
WA7935	46.8	55.2	82.1	84.9	83.3	98.2	89.9	92.3	94.9	100.8	113.0	91.4	102.6	106.2	91.9	122.5	128.7	152.8	96.5
WA7970	51.9	54.9	77.9	84.4	85.5	97.5	82.7	107.9	92.3	116.1	113.0	112.7	116.7	127.6	135.3	126.3	139.9	148.2	103.9
WA7971	54.1	58.6	56.5	85.5	80.4	92.1	96.8	113.5	107.5	102.7	119.0	108.9	117.2	134.4	135.0	119.0	133.6	155.3	103.9
WA7972	51.1	59.8	71.4	92.4	85.4	99.4	103.5	100.3	98.0	113.6	81.3	101.0	110.8	114.0	122.2	122.7	117.5	145.5	99.4
WA7973	53.4	73.6	61.2	91.2	79.6	101.4	108.6	96.7	121.7	120.7	114.7	117.5	115.6	138.0	136.4	147.1	155.2	170.2	111.3
WA7974	52.0	60.4	62.1	89.0	68.7	98.3	107.1	106.6	110.6	118.6	118.8	103.7	124.1	139.1	140.2	129.2	139.7	155.9	106.9
WB 528	42.1	49.8	61.9	87.5	80.0	84.0	109.3	108.8	111.0	73.6	97.4	123.3	142.2	147.5	149.8	132.1	149.7	140.0	105.0
Soft White Club																			
ARS00127	51.1	52.3	80.7	93.5	88.0	98.4	91.4	101.2	98.0	109.3	114.0	112.0	122.6	119.3	126.7	131.4	147.5	141.2	104.3
ARS00235	48.1	59.4	87.9	81.9	84.8	98.9	94.6	109.3	107.7	109.7	105.3	113.8	111.3	120.6	115.9	141.0	126.8	152.4	103.7
ARS96059	45.4	70.2	87.4	82.3	107.2	99.3	101.1	118.8	117.8	118.9	115.8	114.8	115.7	122.8	120.5	144.6	133.9	154.7	109.5
ARS96411	43.6	54.1	78.5	78.8	91.6	92.4	90.1	100.4	98.4	108.6	103.0	109.4	110.9	133.2	131.3	130.3	129.7	140.5	101.7
ARS97135	52.3	54.5	101.5	95.3	122.6	94.0	94.2	111.6	107.4	118.6	117.7	110.8	129.4	138.3	133.7	138.5	169.1	154.7	113.6
ARS97173	46.5	53.3	100.8	84.7	79.5	98.2	97.7	118.7	107.9	112.2	114.5	108.0	96.3	120.8	126.4	131.5	128.2	147.8	104.1
BRUEHL	49.5	62.7	59.8	99.0	76.2	102.9	111.5	96.6	108.8	107.5	103.2	124.4	110.3	137.3	126.0	140.5	149.9	159.1	107.0
CHUKAR	49.3	57.3	88.5	98.5	113.9	98.1	94.7	119.8	114.3	110.6	121.0	116.2	125.9	133.3	141.1	135.9	155.9	168.5	113.5
CODA	47.9	61.6	76.5	78.0	87.1	98.7	98.9	98.3	100.0	106.4	93.0	111.3	114.5	122.7	109.8	133.7	124.5	144.8	100.5
EDWIN	46.5	56.4	56.1	81.2	50.6	89.3	94.8	61.4	81.0	82.1	78.5	78.6	82.0	94.3	80.0	100.7	79.9	114.8	78.2
F1182 M1-10	48.5	55.1	59.6	90.2	51.5	95.1	97.8	92.3	106.8	109.9	103.3	107.6	106.7	138.1	126.8	160.6	138.1	174.1	103.5
HILLER	46.2	56.4	73.1	86.9	69.4	99.1	109.7	99.0	101.3	103.0	105.8	112.4	105.3	140.3	129.2	146.6	146.6	103.0	96.6
RELY	46.3	53.5	79.2	79.2	77.6	100.2	100.8	89.7	108.9	92.2	90.4	96.4	96.3	124.8	121.9	121.8	110.9	148.0	98.6
MEAN	48.4	59.9	80.4	87.5	90.6	95.7	100.7	104.0	105.2	106.6	107.1	109.9	115.8	126.4	132.8	137.1	140.3	154.4	105.7
CV%	8.3	11.7	13.2	13.8	18.7	5.9	8.9	8.3	8.8	8.9	8.6	5.3	6.9	7.5	14.1	8.2	11.2	4.8	10.0
LSD	4.7	8.2	12.4	14.2	19.9	6.6	10.5	10.1	10.9	11.1	10.8	6.8	9.3	11.1	21.9	13.2	18.4	8.6	2.9

TABLE WA41TW.

## 2005 WSU SOFT WHITE WINTER WHEAT VARIETY TRIAL SUMMARY

VARIETY NAME	TEST WEIGHT (LBS/BU)															VARIETY MEAN		
	LIND DRY	RITZVILLE	LAMONT	ST. ANDREWS	ST. JOHN	DUSTY	ANATONE	WALLA WALLA	ALMIRA	REARDAN	CRESTON	MAVVIEW	DAYTON	FARMINGTON	MOSES LAKE	FAIRFIELD	PULLMAN	COLTON
Soft White Common																		
ALBION	56.8	59.3	58.4	60.5	58.4	58.7	59.8	58.1	58.8	59.6	59.7	59.5	32.4	55.2	57.5	60.8	57.4	60.3
BRUNDAGE 96	58.4	59.2	56.7	60.3	59.2	58.6	59.6	58.7	60.3	59.9	59.7	59.8	35.3	57.1	58.6	60.3	58.9	60.0
CASHUP	57.8	60.4	59.6	61.0	61.2	59.6	59.6	59.7	61.8	60.3	59.8	61.3	36.9	58.3	60.2	60.7	60.8	61.4
CONCEPT	58.5	60.4	59.8	60.5	61.0	59.4	59.9	59.8	61.2	60.4	59.7	61.5	37.0	58.1	59.5	60.4	60.2	60.7
DUNE	59.1	61.2	58.6	61.8	59.1	59.9	61.2	59.9	61.5	60.8	61.4	58.7	34.9	56.8	59.9	60.5	56.3	61.3
ELTAN	56.1	59.9	55.7	60.0	59.7	59.2	59.9	57.5	60.2	60.1	59.4	60.6	34.9	55.3	58.0	60.7	56.7	61.2
FINCH	57.3	58.8	56.8	59.6	62.2	61.4	60.8	60.2	61.5	60.1	61.5	61.9	38.0	57.7	61.0	61.2	60.5	61.2
GEORGE	59.4	60.8	60.9	62.2	61.4	60.8	61.6	59.1	59.5	59.3	59.4	60.0	34.7	56.6	58.8	60.1	58.5	60.4
HILL 81	59.0	60.5	57.8	61.0	61.4	59.9	59.2	58.9	62.1	60.8	59.3	61.2	34.7	58.6	61.0	61.5	59.9	61.8
HUBBARD	58.3	60.5	57.2	61.5	60.6	59.9	60.1	59.8	61.6	59.8	59.7	60.1	36.6	57.9	61.4	61.2	59.3	62.2
ID620	58.4	59.8	54.3	60.5	59.5	59.1	59.0	57.6	60.7	60.2	58.7	59.6	34.5	55.6	59.2	60.8	58.5	61.3
IDAHO 587	57.4	60.0	57.4	61.2	60.6	59.5	60.2	58.4	60.9	59.8	60.1	60.5	35.5	56.7	59.1	61.4	58.2	61.3
LAMBERT	57.9	59.6	57.7	60.8	59.8	59.3	59.4	58.5	61.0	59.8	59.8	59.8	35.8	57.2	60.9	60.4	59.7	61.1
LEWJAIN	59.1	61.2	59.2	61.7	59.1	60.1	60.7	58.3	61.0	60.1	60.4	60.8	35.2	55.1	58.3	59.6	57.8	61.2
MADSEN	58.6	60.2	58.3	61.0	60.4	60.0	59.8	58.4	61.0	60.1	60.4	60.6	37.2	57.0	60.0	60.0	59.8	60.6
MASAMI	57.7	59.6	57.3	59.8	59.3	58.6	59.0	58.6	59.8	59.0	59.7	59.7	35.3	54.2	56.8	59.2	58.2	59.3
MJ-4	57.2	59.1	58.3	59.9	58.6	58.2	58.6	58.3	58.0	58.8	59.2	57.7	32.3	54.4	56.4	59.7	57.7	58.9
MJ-9	56.3	59.2	58.9	60.5	58.9	58.0	59.0	58.0	58.4	59.3	59.0	59.0	32.1	55.4	58.8	59.5	59.0	60.0
MOHLER	57.6	60.2	57.3	61.0	60.2	59.6	60.4	58.6	61.9	59.6	60.4	60.7	35.9	57.0	60.5	61.0	58.9	61.5
ORCF-101	57.9	60.5	58.2	60.8	60.4	59.3	60.5	59.1	60.9	59.0	60.4	60.2	33.4	58.3	60.0	61.4	58.9	61.3
ORCF-102	58.7	60.5	59.1	60.6	60.0	60.2	59.8	60.0	61.7	60.1	60.3	61.0	33.2	58.0	59.6	61.4	60.0	61.6
ORSS-1757	58.6	60.6	55.8	60.1	59.0	58.4	59.4	57.4	61.0	59.3	59.1	60.0	33.2	56.7	58.0	61.4	60.7	58.9
RJAMES	57.4	58.9	54.0	59.8	58.2	58.1	58.4	57.4	59.0	58.9	58.7	59.0	33.1	52.8	57.6	58.4	57.1	59.6
ROD	57.9	59.4	56.9	60.5	59.2	59.0	59.5	58.0	59.8	59.2	59.1	60.4	35.3	55.9	59.0	59.6	59.6	60.2
SIMON	59.3	59.9	58.8	60.7	60.5	59.9	59.9	59.0	61.1	59.6	60.1	60.4	35.1	57.8	60.8	60.8	59.4	60.1
STEPHENS	57.1	60.1	57.9	61.0	60.4	59.5	59.8	59.0	60.7	59.3	60.1	59.9	35.4	57.0	59.9	61.5	59.8	61.2
TUBBS	57.5	59.3	57.7	60.4	59.5	59.2	60.3	58.3	60.4	58.3	59.5	59.3	34.3	55.6	57.9	61.5	60.8	61.8
WAT934	58.0	59.9	57.3	60.2	59.4	58.9	59.3	58.2	60.4	60.1	59.9	60.1	34.8	55.2	58.0	60.7	58.2	61.1
WAT935	57.9	59.3	58.3	60.8	59.9	59.5	59.2	59.2	60.8	60.3	60.1	60.2	35.6	55.7	57.3	60.0	58.5	60.5
WAT970	58.4	59.7	57.7	61.5	60.8	60.4	60.3	60.4	61.6	60.9	61.1	61.5	36.9	57.6	59.5	61.5	59.0	61.2
WAT971	56.5	57.7	56.8	58.8	58.0	58.1	57.5	57.0	58.4	58.6	58.5	58.8	30.8	53.8	56.2	58.8	56.9	59.0
WAT972	57.0	58.3	54.8	59.2	58.4	57.3	58.3	56.8	58.5	58.1	57.4	58.5	34.7	55.6	57.2	58.8	57.0	59.3
WAT973	58.8	60.2	55.5	60.3	60.5	60.5	59.3	57.3	61.0	60.5	60.0	61.0	34.4	57.3	59.5	60.6	58.6	61.1
WAT974	57.2	59.0	55.1	59.4	58.7	58.9	58.0	57.4	59.1	59.0	58.6	59.1	32.2	54.6	58.2	57.0	58.6	61.1
WB 528	59.1	61.7	58.8	62.1	61.5	60.7	61.2	59.3	62.6	61.4	61.7	61.8	35.5	59.5	61.3	62.0	60.8	62.5
Soft White Club																		
ARS00127	59.2	60.1	58.6	61.5	61.2	59.6	60.6	59.4	61.7	61.0	60.8	61.4	36.3	58.7	60.7	61.2	61.2	61.9
ARS00235	58.5	60.3	60.6	61.1	60.7	60.2	61.2	60.5	61.9	61.4	61.4	61.7	35.0	58.2	59.6	61.4	60.3	62.3
ARS96039	59.0	61.7	60.1	62.6	62.5	60.4	61.7	60.5	62.8	62.2	62.1	62.2	37.7	59.2	61.5	61.4	63.0	60.4
ARS96411	59.6	61.4	58.9	61.9	60.5	60.1	60.8	58.6	62.8	60.8	61.3	61.7	37.8	60.3	61.5	61.0	62.6	60.8
ARS97135	56.9	57.8	58.1	58.6	60.5	58.0	58.5	57.9	59.7	59.5	58.6	59.9	36.7	58.1	60.2	59.7	58.1	60.8
ARS97173	58.4	59.9	58.2	61.2	59.8	59.4	59.7	57.8	61.1	60.1	59.6	60.1	34.2	56.3	59.4	60.5	58.1	60.6
BRUEHL	57.8	58.5	55.0	58.1	57.5	57.7	57.8	55.4	58.0	58.5	57.6	58.1	33.3	54.6	56.8	58.2	57.2	58.1
CHUKAR	57.7	58.0	58.2	59.5	60.5	57.0	58.9	59.2	59.6	59.0	57.6	60.2	36.2	57.7	59.5	60.1	60.3	60.7
CODA	58.5	61.3	60.7	61.8	61.6	60.9	61.9	60.1	62.8	61.6	61.6	62.5	37.9	59.5	60.7	61.4	61.3	62.6
EDWIN	57.5	60.8	60.0	61.7	61.3	61.3	62.3	59.4	62.3	61.6	61.5	62.8	39.0	59.1	62.3	61.6	61.0	62.8
F1182 M1-10	57.5	57.1	56.9	58.4	57.0	57.6	57.9	55.7	58.2	58.4	58.2	58.6	33.6	55.7	56.2	58.8	56.2	58.5
HILLER	58.7	57.6	55.8	58.5	57.7	57.1	58.0	56.2	58.9	57.9	57.8	58.1	33.7	56.4	57.3	58.2	57.5	58.8
RELY	58.3	58.9	57.4	60.0	59.9	59.0	60.8	57.6	61.0	59.0	59.8	61.1	35.4	58.7	60.0	60.4	58.7	61.9
MEAN	58.1	59.6	57.7	60.6	59.9	59.3	59.7	58.4	60.7	59.9	59.8	60.3	35.5	58.8	59.3	60.3	58.9	60.8
CV%	0.9	0.7	1.6	1.0	1.4	0.5	0.7	1.4	1.1	0.6	0.7	0.7	1.6	1.4	1.6	2.7	1.6	0.7
LSD	0.6	0.5	1.1	0.7	1.0	0.3	0.5	0.9	0.8	0.4	0.5	0.5	1.0	1.0	1.1	1.9	1.1	0.5

2005 WSU SOFT WHITE WINTER WHEAT VARIETY TRIAL SUMMARY

VARIETY NAME	PROTEIN (%)																		
	LIND DRY	RITZVILLE	LAMONT	ST. ANDREWS	ST. JOHN	DUSTY	ANATONE	WALLA WALLA	ALMIRA	REARDAN	CRESTON	MAVIEW	DAYTON	FARMINGTON	MOSES LAKE	FAIRFIELD	PULLMAN	COLTON	VARIETY MEAN
Soft White Common																			
ALBION	13.3	10.7	8.0	10.0	10.3	8.4	7.2	8.2	11.2	8.9	7.5	10.9	13.7	11.2	11.2	10.1	11.1	11.7	10.2
BRUNDAGE 96	12.6	10.1	8.7	8.4	11.3	8.7	7.6	8.5	11.3	9.2	7.8	11.2	14.3	12.5	11.7	10.2	12.3	12.2	10.5
CASHUP	13.4	9.6	8.7	8.7	10.5	8.2	7.0	8.4	10.2	8.9	7.4	11.0	13.6	11.8	11.7	9.5	11.6	11.8	10.1
CONCEPT	12.6	10.0	8.5	8.2	10.6	8.4	7.6	8.5	10.6	9.1	7.5	10.7	13.5	11.8	11.8	9.3	11.6	12.0	10.4
DUNE	12.4	10.9	8.4	9.1	10.7	8.8	7.2	8.5	10.9	8.9	7.9	11.0	14.5	12.4	11.3	9.9	12.2	11.6	10.4
ELTAN	12.8	10.7	8.6	8.4	10.0	8.6	7.9	8.2	10.4	8.7	7.1	10.2	13.2	12.5	11.5	9.9	10.9	11.9	10.1
FINCH	12.8	9.4	8.3	8.4	10.2	8.1	7.9	8.2	9.9	9.0	7.4	10.7	13.4	12.2	11.9	10.1	11.4	11.7	10.1
GEORGE	12.9	10.0	8.3	8.5	10.7	8.5	7.5	8.6	11.4	8.5	7.9	10.5	13.6	11.9	11.7	10.2	11.2	12.1	10.1
HILL 81	13.3	10.1	8.5	8.8	10.8	8.5	7.1	8.4	11.1	9.5	7.8	11.5	13.9	12.3	12.0	10.2	11.9	12.2	10.5
HUBBARD	13.2	9.8	9.1	9.1	9.8	8.7	7.5	8.4	10.2	9.2	8.0	10.1	13.9	12.0	11.5	10.0	10.9	11.6	10.2
ID620	13.0	9.7	8.8	8.7	10.3	8.7	7.0	8.5	9.5	8.7	7.9	10.5	13.3	12.3	11.2	9.9	11.3	11.6	10.1
IDAHO 587	13.5	10.9	8.3	9.9	10.9	8.9	7.7	9.3	11.4	9.7	8.5	11.4	14.3	12.5	11.9	10.6	12.4	12.0	10.9
LAMBERT	12.6	10.5	8.9	9.1	10.6	8.7	7.4	8.2	11.0	9.3	7.9	11.3	14.4	12.1	11.5	9.9	11.7	11.8	10.4
LEWJAIN	14.2	9.6	8.2	8.1	10.6	8.6	7.0	8.5	10.4	8.9	7.9	10.2	12.9	12.8	12.4	10.1	11.7	11.8	10.2
MADSEN	13.4	11.4	9.3	9.3	11.3	8.9	7.5	8.6	11.5	9.6	8.4	11.4	14.7	12.8	11.9	11.0	12.1	12.8	10.9
MASAMI	12.6	9.6	8.5	8.4	10.5	8.5	6.8	8.4	10.6	8.9	7.4	10.8	13.7	12.2	11.5	10.0	11.1	11.5	10.1
MJ-4	12.9	10.6	8.2	9.2	10.9	8.5	7.1	8.6	11.9	9.2	8.0	10.8	14.3	12.8	11.9	9.9	11.6	12.4	10.4
MJ-9	12.7	10.1	8.3	9.1	10.4	8.2	7.3	8.1	10.5	9.0	7.1	11.1	14.0	12.1	11.3	9.8	11.0	11.8	10.1
MOHLER	13.1	10.0	8.5	9.0	11.0	8.0	7.3	8.2	9.7	9.2	8.0	11.1	14.9	12.4	11.6	10.1	12.1	12.4	10.4
ORCF-101	12.5	10.2	8.2	8.8	10.7	8.3	7.7	8.9	11.7	9.6	8.5	11.5	14.3	12.4	11.6	10.8	11.8	12.4	10.6
ORCF-102	13.0	9.9	8.5	8.9	10.8	8.7	7.5	8.5	10.5	9.4	8.0	11.1	13.6	12.0	11.9	10.1	11.7	12.1	10.4
ORSS-1757	12.6	9.7	8.3	8.8	10.3	8.0	7.3	7.9	10.5	9.0	7.8	10.7	13.3	11.5	11.0	9.7	11.2	11.7	10.0
RJAMES	12.4	9.5	8.8	8.6	10.2	8.3	6.6	8.1	10.8	9.2	7.3	10.1	12.4	11.9	11.1	9.4	11.0	11.3	9.8
ROD	12.5	9.9	8.3	8.3	9.9	8.0	7.0	7.9	10.6	8.8	7.4	10.5	13.8	11.8	11.5	9.7	10.9	11.8	9.9
SIMON	13.1	11.1	8.6	9.5	10.8	9.0	7.3	8.6	10.9	10.0	8.7	11.4	14.4	12.3	11.3	10.7	11.4	12.1	10.6
STEPHENS	13.2	10.9	8.1	9.8	11.2	8.8	7.7	8.8	11.4	9.9	8.7	11.5	14.5	12.2	11.7	10.3	12.0	12.2	10.7
TUBBS	13.1	9.5	7.8	9.3	9.9	8.3	7.7	8.5	10.2	8.9	7.5	10.5	13.7	12.0	11.8	9.6	11.5	11.6	10.1
WA7934	13.3	9.9	7.8	7.9	10.3	8.1	7.0	8.3	10.4	8.6	7.5	10.6	13.3	12.0	11.3	9.7	11.3	11.7	10.0
WA7935	13.3	9.9	8.7	8.8	10.2	8.7	7.3	8.5	10.1	8.8	7.4	11.0	13.5	12.5	11.6	9.5	11.6	12.0	10.2
WA7970	13.7	10.2	9.0	9.5	11.5	9.4	7.5	8.9	11.1	9.3	8.8	11.1	14.0	12.6	11.9	11.0	11.9	12.4	10.8
WA7971	12.3	10.9	8.5	8.5	10.3	10.5	7.2	8.1	9.9	8.1	7.5	10.3	14.1	12.0	11.8	9.8	11.3	11.5	10.1
WA7972	12.5	9.8	8.7	8.7	10.4	8.6	7.6	8.6	10.3	8.7	7.5	10.4	12.9	11.3	11.4	9.8	11.6	11.4	10.0
WA7973	12.6	9.8	9.2	8.3	10.4	8.8	7.3	8.7	10.4	9.0	8.2	10.6	13.9	11.8	11.5	9.9	11.4	11.5	10.2
WA7974	12.1	9.4	8.6	8.0	10.3	8.1	7.0	7.8	9.8	8.5	7.8	10.5	13.6	11.7	11.5	9.4	10.7	11.3	9.8
WB 528	12.9	11.1	9.3	9.4	11.7	8.3	7.3	8.4	11.3	10.2	8.3	11.3	13.9	12.3	11.9	10.7	12.3	12.7	10.7
Soft White Club																			
ARS00127	13.3	10.4	8.9	9.5	10.6	8.0	8.1	8.4	10.6	8.6	7.9	10.7	14.5	12.8	12.7	10.5	12.3	12.3	10.6
ARS00235	13.7	10.6	8.9	8.2	11.1	8.5	7.6	8.5	10.6	8.9	7.8	10.8	15.0	12.9	12.8	10.4	12.7	12.0	10.6
ARS96059	13.0	10.3	8.5	9.4	10.8	8.0	7.4	8.6	10.8	9.1	7.7	11.4	14.8	13.0	12.9	10.8	12.3	12.5	10.6
ARS96411	13.6	10.2	8.8	9.7	11.5	8.0	7.6	8.2	11.0	9.0	8.9	11.3	14.9	12.9	12.7	11.2	11.9	12.6	10.8
ARS97135	12.9	10.3	8.0	8.2	10.3	7.9	7.2	7.9	10.4	9.1	7.5	11.2	14.1	12.2	12.3	9.9	12.0	12.2	10.2
ARS97173	12.5	10.7	8.0	8.8	10.3	7.8	7.0	8.1	10.7	8.8	7.6	10.9	14.1	11.9	11.8	10.0	11.6	12.1	10.1
BRUEHL	13.6	10.8	9.5	8.7	10.5	8.6	7.5	8.6	11.1	8.7	7.7	10.8	13.7	12.4	12.0	10.1	11.6	12.2	10.5
CHUKAR	12.9	9.9	7.5	8.5	9.6	7.8	6.8	7.5	10.7	8.6	7.3	10.8	13.8	11.7	12.5	9.8	11.3	12.0	10.0
CODA	13.3	9.6	8.7	9.2	10.8	8.3	7.2	8.6	10.7	9.3	7.8	10.6	14.9	13.3	13.3	10.5	12.4	13.0	10.6
EDWIN	14.2	9.9	9.2	9.0	10.5	8.8	8.3	9.5	10.5	9.4	8.5	11.8	14.7	13.4	13.1	11.3	12.3	13.2	11.0
F1182 MT-10	12.8	10.9	8.7	8.9	11.5	8.6	7.6	8.6	10.7	9.4	8.4	11.1	13.8	12.3	12.5	10.3	11.6	11.8	10.5
HILLER	12.6	9.8	8.4	8.5	10.2	7.9	7.3	8.1	10.0	8.8	8.1	10.0	13.5	12.1	11.9	9.8	11.3	11.6	10.3
RELY	13.5	9.4	9.4	8.2	10.3	7.9	7.8	8.2	10.8	8.6	7.9	10.8	13.7	12.4	12.1	9.7	12.1	12.1	10.3
MEAN	13.0	10.2	8.6	8.8	10.6	8.4	7.4	8.4	10.7	9.1	7.9	10.9	13.9	12.3	11.9	10.1	11.7	12.0	10.3
CV%	4.7	5.3	7.8	8.9	6.0	4.6	7.7	4.5	8.6	4.3	6.7	4.7	2.9	3.4	3.7	5.3	4.3	2.6	5.3
LSQ	0.7	0.6	0.8	0.9	0.7	0.5	0.7	0.4	1.1	0.5	0.6	0.6	0.5	0.5	0.5	0.6	0.6	0.4	0.2

TABLE WA4162. 2005 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT ALMIRA, WA.

VARIETY NAME	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	YIELD (BU/A)	TEST WT. (LBS/BU)	2005 PROTEIN (%)	PLANT HT	LODGING %
<b>SOFT WHITE COMMON</b>								
TUBBS	104.6 (1)	117.8 (1)	118.6 (1)	117.8 (3)	60.4	10.2	42	0
ROD	103.7 (2)	113.0 (2)	109.9 (4)	117.6 (4)	59.8	10.6	39	0
FINCH	101.8 (3)	108.7 (5)	104.2 (12)	112.0 (10)	63.0	9.9	42	0
MOHLER	101.3 (4)	109.1 (4)	108.4 (6)	115.5 (6)	61.9	9.7	41	0
LAMBERT	97.5 (8)	108.4 (6)	105.3 (9)	112.3 (9)	61.0	11.0	42	0
ELTAN	96.5 (9)	107.4 (8)	108.7 (5)	96.3 (42)	60.2	10.4	43	31
CASHUP	95.6 (11)	100.4 (21)	98.1 (24)	108.6 (19)	61.8	10.2	39	0
BRUNDAGE 96	95.5 (12)	102.1 (17)	97.7 (25)	102.0 (30)	60.3	11.3	40	0
HUBBARD	95.2 (14)	103.6 (16)	104.4 (10)	101.7 (31)	61.6	10.2	49	0
MJ-9	95.1 (15)	100.8 (20)	97.4 (26)	98.7 (36)	58.4	10.5	40	0
HILL 81	94.5 (16)	100.2 (23)	99.2 (21)	101.1 (34)	62.1	11.1	45	0
ALBION	93.4 (17)	100.3 (22)	96.7 (27)	92.2 (47)	58.8	11.2	39	0
LEWJAIN	93.1 (18)	102.1 (18)	101.1 (18)	96.7 (41)	61.0	10.4	38	0
MADSEN	92.4 (19)	96.9 (27)	92.4 (36)	94.3 (45)	61.0	11.5	42	0
STEPHENS	91.1 (20)	97.7 (25)	95.5 (31)	106.8 (24)	60.7	11.4	40	0
MJ-4	90.6 (21)	93.7 (29)	95.8 (29)	97.4 (40)	58.0	11.9	41	0
MASAMI	---	108.4 (7)	108.1 (7)	115.0 (7)	59.8	10.6	41	0
WB 528	---	105.7 (11)	103.9 (15)	111.0 (11)	62.6	11.3	41	0
WA7934	---	105.5 (12)	110.4 (3)	104.9 (28)	60.4	10.4	41	0
WA7935	---	104.2 (14)	103.1 (16)	94.9 (43)	60.8	10.1	41	0
IDAHO 587	---	103.7 (15)	101.7 (17)	110.0 (14)	60.9	11.4	40	0
DUNE	---	102.0 (19)	98.9 (23)	103.6 (29)	61.5	10.9	38	0
SIMON	---	99.6 (24)	95.3 (32)	101.4 (32)	61.1	10.9	43	0
ORCF-101	---	92.1 (31)	86.4 (37)	108.8 (17)	60.9	11.7	41	0
RJAMES	---	---	104.4 (11)	106.3 (26)	59.0	10.8	38	0
GEORGE	---	---	104.1 (13)	94.5 (44)	59.5	11.4	42	25
CONCEPT	---	---	98.9 (22)	115.9 (5)	61.2	10.6	39	0
WA7973	---	---	---	121.7 (1)	61.0	10.4	42	0
WA7974	---	---	---	110.6 (12)	59.1	9.8	40	0
ORSS-1757	---	---	---	110.3 (13)	61.0	10.5	43	0
ID620	---	---	---	109.7 (15)	60.7	9.6	41	0
WA7971	---	---	---	107.5 (22)	58.4	9.9	38	0
ORCF-102	---	---	---	105.6 (27)	61.7	10.5	42	0
WA7972	---	---	---	98.0 (38)	58.5	10.3	46	0
WA7970	---	---	---	92.3 (46)	61.6	11.1	41	0
<b>SOFT WHITE CLUB</b>								
CHUKAR	101.3 (5)	110.3 (3)	111.0 (2)	114.3 (8)	59.6	10.7	42	0
RELY	99.1 (6)	106.5 (10)	104.1 (14)	108.9 (16)	61.0	10.8	45	35
BRUEHL	99.1 (7)	107.0 (9)	107.5 (8)	108.8 (18)	58.0	11.1	42	0
CODA	96.0 (10)	96.2 (28)	93.2 (35)	100.0 (35)	62.8	10.7	44	0
HILLER	95.4 (13)	97.7 (26)	95.2 (33)	101.3 (33)	58.9	10.0	41	0
EDWIN	86.9 (22)	93.0 (30)	94.0 (34)	81.0 (48)	62.3	10.5	47	0
ARS00235	---	104.7 (13)	100.9 (19)	107.7 (21)	61.9	10.6	45	0
F1182 M1-10	---	---	99.6 (20)	106.8 (25)	59.0	10.7	42	0
ARS97173-16	---	---	96.1 (28)	107.9 (20)	61.1	10.7	39	0
ARS97135-9	---	---	95.7 (30)	107.4 (23)	59.7	10.4	41	0
ARS96059-1	---	---	---	117.8 (2)	62.8	10.8	45	0
ARS960411-2	---	---	---	98.4 (37)	62.8	11.0	45	0
ARS00127	---	---	---	98.0 (39)	61.7	10.6	41	0
Mean	96.3	103.2	101.2	105.2	60.7	10.7	42	2
CV%	9.8	8.7	8.8	8.8	1.1	8.6	---	---
LSD @ .10	4.9	6.0	7.3	10.9	0.8	1.1	---	---

Planted: 9 Sep 04

Harvested: 4 Aug 05



TABLE WA4134. 2005 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT ANATONE, WA.

VARIETY NAME	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	YIELD (BU/A)	TEST WT. (LBS/BU)	2005 PROTEIN (%)	PLANT HT	HEAD DATE
<b>SOFT WHITE COMMON</b>								
ROD	83.1 (1)	98.9 (3)	109.0 (4)	106.0 (13)	59.5	7.0	34	7-Jun
MJ-9	82.3 (2)	99.7 (2)	110.0 (2)	104.8 (16)	59.0	7.3	34	7-Jun
TUBBS	81.7 (3)	98.8 (4)	109.2 (3)	115.1 (1)	60.3	7.7	36	5-Jun
MOHLER	81.3 (4)	93.2 (9)	102.3 (16)	108.9 (8)	60.4	7.3	36	4-Jun
FINCH	80.1 (5)	93.2 (8)	103.5 (14)	102.9 (19)	61.6	7.9	38	10-Jun
BRUNDAGE 96	78.6 (7)	91.9 (14)	99.9 (19)	109.0 (7)	59.6	7.6	34	4-Jun
CASHUP	77.8 (8)	94.4 (5)	105.7 (9)	101.6 (24)	59.6	7.0	32	7-Jun
HILL 81	76.2 (14)	88.0 (23)	95.2 (29)	90.7 (45)	59.2	7.1	38	7-Jun
ALBION	75.9 (15)	90.2 (20)	98.9 (22)	101.8 (23)	59.8	7.2	33	5-Jun
ELTAN	75.7 (16)	89.9 (21)	103.5 (15)	91.1 (44)	59.9	7.9	37	10-Jun
MADSEN	75.6 (17)	86.8 (25)	98.3 (24)	102.9 (20)	59.8	7.5	35	7-Jun
STEPHENS	75.5 (18)	89.6 (22)	92.8 (32)	95.9 (33)	59.8	7.7	34	3-Jun
LEWJAIN	75.1 (19)	85.5 (26)	95.4 (28)	95.1 (35)	60.7	7.0	35	10-Jun
MJ-4	73.7 (20)	83.3 (27)	93.2 (31)	102.5 (22)	58.6	7.1	34	7-Jun
HUBBARD	73.7 (21)	87.5 (24)	95.9 (27)	95.7 (34)	60.1	7.5	41	6-Jun
LAMBERT	73.7 (22)	82.6 (29)	84.3 (36)	104.8 (15)	59.4	7.4	38	3-Jun
MASAMI	---	104.0 (1)	119.2 (1)	110.5 (4)	59.0	6.8	34	8-Jun
WB 528	---	94.3 (6)	104.3 (13)	109.3 (6)	61.2	7.3	34	4-Jun
IDAHO 587	---	93.1 (10)	97.1 (26)	102.6 (21)	60.2	7.7	33	3-Jun
WA7934	---	92.7 (12)	106.1 (8)	94.1 (41)	59.3	7.0	36	9-Jun
WA7935	---	91.2 (18)	99.5 (20)	89.9 (47)	59.2	7.3	36	10-Jun
ORCF-101	---	90.3 (19)	99.9 (18)	105.2 (14)	60.5	7.7	34	4-Jun
DUNE	---	81.8 (30)	89.9 (33)	107.9 (10)	61.2	7.2	35	3-Jun
SIMON	---	79.0 (31)	81.5 (37)	100.5 (27)	58.9	7.3	36	6-Jun
GEORGE	---	---	106.5 (7)	93.4 (42)	59.1	7.5	37	9-Jun
RJAMES	---	---	105.5 (10)	111.3 (3)	58.4	6.6	34	6-Jun
CONCEPT	---	---	101.8 (17)	99.1 (28)	59.9	7.6	33	8-Jun
WA7973	---	---	---	108.6 (9)	59.3	7.3	35	7-Jun
ORSS-1757	---	---	---	107.8 (11)	59.4	7.3	37	4-Jun
WA7974	---	---	---	107.1 (12)	58.0	7.0	36	8-Jun
ORCF-102	---	---	---	103.8 (17)	59.8	7.5	36	5-Jun
WA7972	---	---	---	103.5 (18)	58.3	7.6	39	8-Jun
WA7971	---	---	---	96.8 (32)	57.5	7.2	33	8-Jun
ID620	---	---	---	95.1 (36)	59.0	7.0	35	9-Jun
WA7970	---	---	---	82.7 (48)	60.3	7.5	35	10-Jun
<b>SOFT WHITE CLUB</b>								
CHUKAR	79.7 (6)	93.8 (7)	107.9 (5)	94.7 (38)	58.9	6.8	36	9-Jun
EDWIN	77.8 (9)	92.7 (11)	106.8 (6)	94.8 (37)	62.3	8.3	40	7-Jun
CODA	77.4 (10)	91.2 (17)	98.9 (21)	98.9 (29)	61.7	7.2	39	7-Jun
HILLER	76.9 (11)	91.4 (15)	104.7 (12)	109.7 (5)	58.0	7.3	37	5-Jun
BRUEHL	76.5 (12)	91.4 (16)	104.8 (11)	111.5 (2)	57.8	7.5	37	9-Jun
RELY	76.3 (13)	92.5 (13)	98.7 (23)	100.8 (26)	60.8	7.8	40	7-Jun
ARS00235	---	83.1 (28)	89.0 (34)	94.6 (39)	61.2	7.6	39	9-Jun
ARS97135-9	---	---	97.3 (25)	94.2 (40)	58.5	7.2	34	9-Jun
ARS97173-16	---	---	95.0 (30)	97.7 (31)	59.7	7.0	34	5-Jun
F1182 M1-10	---	---	88.4 (35)	97.8 (30)	57.9	7.6	36	10-Jun
ARS96059-1	---	---	---	101.1 (25)	61.7	7.4	40	6-Jun
ARS00127	---	---	---	91.4 (43)	60.6	8.1	36	7-Jun
ARS960411-2	---	---	---	90.1 (46)	60.8	7.6	39	4-Jun
Mean	77.5	90.8	100.0	100.7	59.7	7.4	36	6-Jun
CV%	10.7	10.2	8.5	8.9	0.7	7.7	---	---
LSD @ .10	4.3	6.3	7.0	10.5	0.5	0.7	---	---

Planted: 27 Sep 04  
Harvested: 2 Aug 05

TABLE WA4150. 2005 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT COLTON, WA.

VARIETY NAME	5 YEAR	3 YEAR	2 YEAR	2005					
	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)	YIELD (BU/A)	TEST WT. (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING %
SOFT WHITE COMMON									
ROD	---	133.9 ( 1)	150.6 ( 1)	172.6 ( 2)	60.2	11.8	41	7-Jun	0
MOHLER	---	130.5 ( 2)	139.9 ( 7)	166.4 ( 8)	61.5	12.4	41	5-Jun	0
WA7934	---	127.2 ( 4)	140.2 ( 6)	161.3 (14)	61.1	11.7	39	7-Jun	0
TUBBS	---	126.4 ( 5)	141.1 ( 5)	168.0 ( 7)	60.8	11.6	41	6-Jun	0
HUBBARD	---	125.8 ( 7)	142.3 ( 3)	162.6 (11)	62.2	11.6	46	6-Jun	0
STEPHENS	---	125.7 ( 8)	138.5 (10)	157.8 (20)	61.2	12.2	36	4-Jun	0
IDAHO 587	---	125.6 ( 9)	133.8 (14)	164.2 (10)	61.3	12.0	39	3-Jun	0
ELTAN	---	124.9 (10)	138.9 ( 8)	160.9 (16)	61.2	11.9	42	7-Jun	5
FINCH	---	123.7 (11)	136.5 (12)	161.9 (13)	61.4	11.7	43	8-Jun	0
LAMBERT	---	122.9 (13)	137.2 (11)	153.5 (28)	61.1	11.8	42	4-Jun	0
MJ-9	---	121.6 (14)	132.3 (23)	161.1 (15)	60.0	11.8	39	6-Jun	0
CASHUP	---	120.7 (15)	131.3 (26)	155.0 (24)	61.4	11.8	38	6-Jun	0
WA7935	---	120.6 (16)	133.0 (17)	152.8 (30)	60.5	12.0	40	7-Jun	0
WB 528	---	120.5 (17)	127.8 (31)	140.0 (45)	62.5	12.7	38	3-Jun	0
HILL 81	---	120.1 (19)	133.0 (18)	157.9 (19)	61.8	12.2	44	6-Jun	0
ORCF-101	---	119.9 (21)	133.0 (19)	160.5 (17)	61.3	12.4	41	4-Jun	0
MASAMI	---	118.8 (23)	130.2 (27)	155.1 (23)	59.3	11.5	41	7-Jun	0
ALBION	---	118.6 (24)	136.4 (13)	168.1 ( 6)	60.3	11.7	38	6-Jun	0
SIMON	---	117.8 (25)	123.9 (34)	143.7 (41)	60.1	12.1	41	6-Jun	0
MADSEN	---	117.6 (26)	126.4 (32)	149.3 (32)	60.6	12.8	40	6-Jun	0
DUNE	---	117.3 (27)	128.1 (30)	140.9 (43)	61.3	11.6	37	5-Jun	0
MJ-4	---	114.2 (28)	128.1 (29)	148.5 (33)	58.9	12.4	38	7-Jun	0
BRUNDAGE 96	---	112.7 (29)	119.1 (36)	139.2 (46)	60.0	12.2	38	6-Jun	0
LEWJAIN	---	109.0 (30)	122.2 (35)	134.0 (47)	61.2	11.8	39	8-Jun	20
RJAMES	---	---	138.8 ( 9)	162.1 (12)	59.6	11.3	35	6-Jun	20
CONCEPT	---	---	129.3 (28)	145.2 (39)	60.7	12.0	38	6-Jun	0
GEORGE	---	---	124.4 (33)	154.9 (25)	60.4	12.1	46	8-Jun	30
ORCF-102	---	---	---	171.1 ( 3)	61.6	12.1	43	5-Jun	0
WA7973	---	---	---	170.2 ( 4)	61.1	11.5	42	7-Jun	0
ORSS-1757	---	---	---	165.0 ( 9)	60.7	11.7	40	5-Jun	0
WA7974	---	---	---	155.9 (21)	59.2	11.3	40	7-Jun	0
WA7971	---	---	---	155.3 (22)	59.0	11.5	36	8-Jun	0
ID620	---	---	---	153.4 (29)	61.3	11.6	40	7-Jun	20
WA7970	---	---	---	148.2 (34)	61.2	12.4	40	8-Jun	0
WA7972	---	---	---	145.5 (38)	59.3	11.4	44	7-Jun	10
SOFT WHITE CLUB									
CHUKAR	---	128.3 ( 3)	141.3 ( 4)	168.5 ( 5)	60.7	12.0	43	6-Jun	0
HILLER	---	125.8 ( 6)	133.5 (15)	146.6 (37)	58.8	11.6	42	6-Jun	0
RELY	---	123.4 (12)	133.1 (16)	148.0 (35)	61.9	12.1	46	6-Jun	13
BRUEHL	---	120.5 (18)	132.4 (21)	159.1 (18)	58.1	12.2	41	7-Jun	0
CODA	---	120.0 (20)	132.5 (20)	144.8 (40)	62.6	13.0	46	7-Jun	45
ARS00235	---	119.4 (22)	132.0 (25)	152.4 (31)	62.3	12.0	47	8-Jun	0
EDWIN	---	104.7 (31)	110.4 (37)	114.8 (48)	62.8	13.2	48	6-Jun	28
F1182 M1-10	---	---	144.4 ( 2)	174.1 ( 1)	58.5	11.8	44	8-Jun	5
ARS97173-16	---	---	132.3 (22)	147.8 (36)	60.6	12.1	38	6-Jun	0
ARS97135-9	---	---	132.2 (24)	154.7 (26)	60.2	12.2	41	6-Jun	0
ARS96059-1	---	---	---	154.7 (27)	63.0	12.5	47	6-Jun	0
ARS00127	---	---	---	141.2 (42)	61.9	12.3	42	7-Jun	0
ARS960411-2	---	---	---	140.5 (44)	62.6	12.6	45	6-Jun	0
Mean	---	121.2	133.0	154.4	60.8	12.0	41	6-Jun	4
CV%	---	7.4	6.7	4.8	0.7	2.6	---	---	---
LSD @ .10	---	6.0	7.4	8.6	0.5	0.4	---	---	---

Planted: 27 Sep 04

Harvested: 11 Aug 05

TABLE WA4155. 2005 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT CRESTON, WA.

VARIETY NAME	5 YEAR	3 YEAR	2 YEAR	2005					
	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)	YIELD (BU/A)	TEST WT. (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING %
SOFT WHITE COMMON									
TUBBS	110.4 ( 1)	114.7 ( 1)	113.0 ( 1)	119.7 ( 4)	59.5	7.5	42	10-Jun	0
MJ-9	104.3 ( 4)	105.4 ( 7)	101.8 (10)	114.0 (16)	59.3	7.1	39	11-Jun	0
MJ-4	104.0 ( 5)	105.4 ( 8)	103.7 ( 5)	125.2 ( 1)	59.2	8.0	40	13-Jun	0
FINCH	103.8 ( 6)	104.2 (11)	104.6 ( 4)	114.6 (13)	61.5	7.4	42	13-Jun	0
ALBION	103.3 ( 7)	102.9 (13)	102.5 ( 6)	102.6 (36)	59.7	7.5	39	12-Jun	0
BRUNDAGE 96	102.9 ( 8)	104.8 (10)	101.7 (12)	112.6 (20)	59.7	7.8	39	10-Jun	0
ROD	102.7 ( 9)	105.0 ( 9)	102.2 ( 7)	105.7 (30)	59.1	7.4	40	12-Jun	0
ELTAN	101.8 (10)	99.2 (21)	91.4 (33)	94.7 (42)	59.4	7.1	41	13-Jun	11
MOHLER	101.7 (11)	104.2 (12)	96.8 (22)	112.5 (21)	60.4	8.0	41	9-Jun	0
CASHUP	99.1 (14)	100.7 (17)	99.1 (18)	107.1 (26)	59.8	7.4	38	12-Jun	0
LEWJAIN	99.0 (15)	98.4 (24)	95.9 (23)	106.5 (27)	60.4	7.9	39	13-Jun	3
MADSEN	98.6 (17)	101.2 (16)	98.2 (20)	108.0 (24)	60.4	8.4	41	12-Jun	0
LAMBERT	98.0 (18)	97.5 (26)	89.4 (35)	102.4 (37)	59.8	7.9	45	8-Jun	0
STEPHENS	97.4 (19)	99.4 (20)	93.0 (28)	95.9 (40)	60.1	8.7	39	10-Jun	0
HILL 81	97.0 (20)	93.8 (29)	92.9 (29)	95.3 (41)	59.3	7.8	44	11-Jun	0
HUBBARD	96.0 (21)	93.8 (30)	92.9 (30)	85.9 (46)	59.7	8.0	46	10-Jun	0
MASAMI	---	112.4 ( 3)	109.0 ( 2)	122.6 ( 2)	59.7	7.4	41	13-Jun	0
DUNE	---	106.5 ( 4)	98.5 (19)	114.9 (11)	61.4	7.9	38	9-Jun	0
WA7934	---	106.0 ( 5)	102.1 ( 8)	118.3 ( 8)	59.9	7.5	42	13-Jun	0
IDAHO 587	---	99.0 (22)	91.5 (32)	98.6 (38)	60.1	8.5	38	9-Jun	0
ORCF-101	---	98.9 (23)	94.1 (26)	106.5 (28)	60.4	8.5	39	9-Jun	0
WA7935	---	97.9 (25)	94.7 (24)	113.0 (18)	60.1	7.4	42	13-Jun	0
SIMON	---	96.4 (27)	93.2 (27)	118.8 ( 6)	60.1	8.7	44	11-Jun	0
WB 528	---	95.1 (28)	88.6 (37)	97.4 (39)	61.7	8.3	38	9-Jun	0
GEORGE	---	---	101.7 (11)	111.3 (22)	59.4	7.9	43	13-Jun	25
CONCEPT	---	---	100.3 (15)	109.5 (23)	59.7	7.5	38	11-Jun	0
RJAMES	---	---	89.3 (36)	113.2 (17)	58.7	7.3	38	11-Jun	0
WA7971	---	---	---	119.0 ( 5)	58.5	7.8	38	12-Jun	0
WA7974	---	---	---	118.8 ( 7)	58.6	7.8	41	12-Jun	6
WA7973	---	---	---	114.7 (12)	60.0	8.2	40	11-Jun	3
WA7970	---	---	---	113.0 (19)	61.1	8.8	40	13-Jun	0
ORSS-1757	---	---	---	107.7 (25)	59.1	7.8	42	10-Jun	3
ORCF-102	---	---	---	104.5 (32)	60.3	8.0	43	9-Jun	0
ID620	---	---	---	90.5 (44)	58.7	7.9	42	12-Jun	68
WA7972	---	---	---	81.3 (47)	57.4	7.5	44	11-Jun	74
SOFT WHITE CLUB									
CHUKAR	108.3 ( 2)	112.5 ( 2)	108.2 ( 3)	121.0 ( 3)	59.0	7.3	42	12-Jun	0
BRUEHL	106.1 ( 3)	105.5 ( 6)	100.6 (14)	103.2 (34)	57.6	7.7	43	13-Jun	5
HILLER	101.6 (12)	102.4 (14)	101.3 (13)	105.8 (29)	57.8	8.1	43	12-Jun	19
RELY	100.2 (13)	100.1 (18)	92.6 (31)	90.4 (45)	59.8	7.9	45	12-Jun	34
CODA	98.7 (16)	99.9 (19)	99.2 (17)	93.0 (43)	61.3	7.8	45	12-Jun	30
EDWIN	93.5 (22)	92.5 (31)	89.4 (34)	78.5 (48)	61.5	8.5	48	12-Jun	41
ARS00235	---	101.7 (15)	97.5 (21)	105.3 (31)	61.4	7.8	46	12-Jun	6
ARS97135-9	---	---	102.1 ( 9)	117.7 ( 9)	58.6	7.5	41	12-Jun	0
F1182 M1-10	---	---	99.9 (16)	103.3 (33)	58.2	8.4	42	13-Jun	14
ARS97173-16	---	---	94.7 (25)	114.5 (14)	59.6	7.6	39	12-Jun	0
ARS96059-1	---	---	---	115.8 (10)	62.1	7.7	46	12-Jun	0
ARS00127	---	---	---	114.0 (15)	60.8	7.9	43	12-Jun	0
ARS960411-2	---	---	---	103.0 (35)	61.3	8.9	47	11-Jun	54
Mean	101.3	101.9	98.0	107.1	59.8	7.9	42	11-Jun	8
CV%	7.1	7.3	7.3	8.6	0.7	6.7	---	---	---
LSD @ .10	3.7	5.0	6.0	10.8	0.5	0.6	---	---	---

Planted: 8 Sep 04

Harvested: 15 Aug 05

TABLE WA4116. 2005 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT DAYTON, WA.

VARIETY NAME	5 YEAR	3 YEAR	2 YEAR	2005					
	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)	YIELD (BU/A)	TEST WT. (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING %
SOFT WHITE COMMON									
ROD	123.0 ( 2)	129.1 ( 1)	118.8 ( 1)	130.5 ( 4)	55.3	13.8	40	3-Jun	38
TUBBS	120.5 ( 3)	126.9 ( 3)	117.2 ( 3)	124.8 (12)	54.3	13.7	44	1-Jun	15
HILL 81	119.4 ( 4)	123.0 ( 4)	115.6 ( 6)	134.0 ( 3)	58.6	13.9	46	3-Jun	31
STEPHENS	116.9 ( 5)	121.7 ( 7)	111.3 ( 9)	128.0 ( 6)	55.4	14.5	40	31-May	15
MOHLER	116.3 ( 7)	118.3 (14)	107.7 (15)	117.4 (21)	55.9	14.9	43	1-Jun	41
BRUNDAGE 96	116.2 ( 8)	120.1 (10)	112.7 ( 8)	121.9 (19)	55.3	14.3	42	1-Jun	3
MJ-9	116.0 ( 9)	122.5 ( 5)	106.2 (20)	115.0 (28)	52.1	14.0	40	2-Jun	0
FINCH	115.3 (10)	118.5 (13)	108.6 (12)	118.4 (20)	58.0	13.4	43	3-Jun	43
MADSEN	114.0 (12)	120.4 ( 9)	110.6 (11)	127.4 ( 8)	57.2	14.7	43	2-Jun	13
ALBION	113.0 (14)	118.0 (17)	101.2 (30)	100.7 (43)	52.4	13.7	39	2-Jun	5
MJ-4	111.4 (15)	115.6 (21)	107.9 (14)	113.4 (30)	52.3	14.3	40	3-Jun	0
HUBBARD	110.9 (16)	118.9 (12)	105.3 (24)	117.4 (22)	56.6	13.9	50	3-Jun	6
CASHUP	110.1 (17)	111.6 (27)	105.1 (26)	123.8 (16)	56.9	13.6	39	2-Jun	21
LAMBERT	108.8 (19)	113.9 (24)	105.2 (25)	124.2 (14)	55.8	14.4	43	1-Jun	14
ELTAN	107.1 (20)	116.7 (20)	107.5 (17)	111.0 (33)	54.9	13.2	40	3-Jun	58
LEWJAIN	102.1 (21)	105.3 (30)	93.2 (36)	90.9 (46)	55.2	12.9	36	3-Jun	50
WB 528	---	122.4 ( 6)	113.2 ( 7)	142.2 ( 1)	59.5	13.9	41	31-May	25
MASAMI	---	121.5 ( 8)	108.4 (13)	116.7 (24)	55.3	13.7	44	3-Jun	19
IDAHO 587	---	118.2 (15)	105.9 (21)	123.7 (17)	55.5	14.3	40	31-May	3
SIMON	---	118.2 (16)	111.2 (10)	124.7 (13)	56.1	14.4	43	1-Jun	0
DUNE	---	117.4 (19)	106.7 (18)	111.5 (31)	54.9	14.5	39	31-May	0
ORCF-101	---	114.8 (22)	106.7 (19)	109.4 (37)	55.4	14.3	41	1-Jun	13
WA7935	---	113.0 (25)	100.8 (31)	102.6 (41)	55.6	13.5	40	3-Jun	44
WA7934	---	112.9 (26)	103.7 (27)	105.0 (40)	54.8	13.3	41	3-Jun	55
RJAMES	---	---	118.6 ( 2)	125.7 (11)	53.1	12.4	38	3-Jun	65
CONCEPT	---	---	107.6 (16)	127.9 ( 7)	57.0	13.5	38	2-Jun	3
GEORGE	---	---	95.2 (33)	88.4 (47)	54.7	13.6	41	3-Jun	68
ORCF-102	---	---	---	138.6 ( 2)	57.9	13.6	45	1-Jun	0
ORSS-1757	---	---	---	127.3 ( 9)	56.2	13.3	41	31-May	40
WA7974	---	---	---	124.1 (15)	52.2	13.6	41	1-Jun	11
WA7971	---	---	---	117.2 (23)	50.8	14.1	40	3-Jun	6
WA7970	---	---	---	116.7 (25)	56.9	14.0	43	3-Jun	38
WA7973	---	---	---	115.6 (27)	54.4	13.9	43	3-Jun	19
WA7972	---	---	---	110.8 (35)	54.7	12.9	46	2-Jun	63
ID620	---	---	---	101.7 (42)	54.5	13.3	39	3-Jun	65
SOFT WHITE CLUB									
CHUKAR	123.1 ( 1)	127.3 ( 2)	115.7 ( 5)	125.9 (10)	56.2	13.8	41	3-Jun	30
BRUEHL	116.4 ( 6)	117.8 (18)	105.7 (22)	110.3 (36)	53.3	13.7	40	3-Jun	62
CODA	114.7 (11)	119.2 (11)	105.5 (23)	114.5 (29)	57.9	14.9	45	3-Jun	46
HILLER	113.3 (13)	111.4 (28)	101.5 (29)	106.7 (39)	53.7	13.5	41	3-Jun	40
RELY	108.9 (18)	108.7 (29)	95.2 (34)	96.3 (45)	55.4	13.7	43	2-Jun	40
EDWIN	94.3 (22)	98.9 (31)	86.8 (37)	82.0 (48)	59.0	14.7	44	1-Jun	61
ARS00235	---	114.8 (23)	101.5 (28)	111.3 (32)	55.0	15.0	46	3-Jun	41
ARS97135-9	---	---	116.7 ( 4)	129.4 ( 5)	55.7	14.1	41	2-Jun	3
F1182 M1-10	---	---	97.6 (32)	106.7 (38)	53.6	13.8	42	4-Jun	53
ARS97173-16	---	---	94.8 (35)	96.3 (44)	54.2	14.1	40	1-Jun	26
ARS00127	---	---	---	122.6 (18)	58.3	14.5	42	3-Jun	40
ARS96059-1	---	---	---	115.7 (26)	57.7	14.8	48	2-Jun	39
ARS960411-2	---	---	---	110.9 (34)	57.8	14.9	43	1-Jun	60
Mean	113.3	117.3	106.3	115.8	55.5	13.9	42	2-Jun	30
CV%	7.7	7.5	7.9	6.9	1.6	2.9	---	---	---
LSD @ .10	4.5	5.9	6.9	9.3	1.0	0.5	---	---	---

Planted: 14 Oct 04  
Harvested: 28 Jul 05

TABLE WA4127. 2005 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT DUSTY, WA.

VARIETY NAME	5 YEAR	3 YEAR	2 YEAR	2005					
	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)	YIELD (BU/A)	TEST WT. (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING %
<b>SOFT WHITE COMMON</b>									
TUBBS	106.9 (1)	113.8 (1)	124.3 (1)	104.2 (3)	59.2	8.3	37	20-May	0
ROD	106.4 (2)	104.7 (3)	112.3 (3)	94.2 (31)	59.0	8.0	35	23-May	0
MJ-9	101.6 (4)	104.9 (2)	112.3 (4)	97.1 (23)	58.0	8.2	35	23-May	0
MOHLER	100.8 (5)	102.7 (6)	109.8 (9)	90.4 (40)	59.6	8.0	36	20-May	0
BRUNDAGE 96	99.4 (7)	100.2 (9)	106.2 (13)	95.9 (27)	58.6	8.7	35	20-May	0
FINCH	98.4 (8)	96.5 (17)	101.3 (20)	97.2 (22)	60.8	8.1	38	23-May	0
ALBION	98.1 (9)	100.4 (7)	106.2 (13)	94.8 (30)	58.7	8.4	34	23-May	0
ELTAN	96.7 (11)	94.2 (21)	97.9 (25)	95.4 (28)	59.2	8.6	39	24-May	0
HUBBARD	95.6 (12)	95.6 (18)	99.2 (22)	89.9 (42)	59.9	8.7	40	21-May	0
HILL 81	95.6 (13)	97.3 (14)	104.0 (17)	90.9 (38)	59.9	8.5	39	22-May	0
LAMBERT	94.9 (15)	89.5 (28)	91.6 (34)	90.5 (39)	59.3	8.7	41	19-May	0
MJ-4	93.6 (16)	93.3 (23)	96.8 (30)	98.0 (19)	58.2	8.5	35	22-May	0
MADSEN	93.4 (17)	92.4 (25)	97.5 (27)	89.1 (44)	60.0	8.9	35	23-May	0
STEPHENS	93.1 (19)	93.2 (24)	97.7 (26)	92.9 (35)	59.5	8.8	35	19-May	0
CASHUP	89.8 (20)	89.5 (29)	95.3 (31)	83.2 (48)	59.6	8.2	35	23-May	0
LEWJAIN	87.6 (21)	84.9 (30)	87.6 (36)	93.0 (34)	60.1	8.6	36	24-May	0
MASAMI	---	103.2 (5)	110.2 (7)	104.3 (2)	58.6	8.5	36	23-May	0
DUNE	---	100.0 (10)	107.9 (10)	101.0 (7)	59.9	8.8	36	18-May	0
WB 528	---	99.1 (11)	105.4 (14)	84.0 (47)	60.7	8.3	35	17-May	0
ORCF-101	---	99.0 (12)	106.8 (11)	96.1 (26)	59.3	8.3	37	19-May	0
WA7935	---	96.8 (16)	101.7 (18)	98.2 (17)	59.5	8.7	38	24-May	0
IDAHO 587	---	94.5 (19)	99.6 (21)	90.1 (41)	59.5	8.9	34	20-May	0
WA7934	---	93.6 (22)	97.2 (28)	97.6 (20)	58.9	8.1	38	23-May	0
SIMON	---	90.6 (27)	93.3 (33)	86.6 (46)	59.9	9.0	36	22-May	0
RJAMES	---	---	114.3 (2)	104.9 (1)	58.1	8.3	34	21-May	0
GEORGE	---	---	109.8 (8)	103.8 (4)	58.9	8.5	39	24-May	0
CONCEPT	---	---	99.0 (23)	86.7 (45)	59.4	8.4	34	22-May	0
WA7973	---	---	---	101.4 (6)	60.5	8.8	39	23-May	0
WA7972	---	---	---	99.4 (9)	57.3	8.6	39	22-May	0
ID620	---	---	---	98.7 (14)	59.1	8.7	39	24-May	6
WA7974	---	---	---	98.3 (16)	58.9	8.1	36	23-May	0
WA7970	---	---	---	97.5 (21)	60.4	9.4	35	24-May	0
ORSS-1757	---	---	---	96.8 (24)	59.4	8.0	38	19-May	0
ORCF-102	---	---	---	93.9 (33)	60.2	8.7	38	21-May	0
WA7971	---	---	---	92.1 (37)	59.1	8.7	34	23-May	0
<b>SOFT WHITE CLUB</b>									
RELY	103.1 (3)	104.3 (4)	111.9 (5)	100.2 (8)	59.0	7.9	40	21-May	0
CHUKAR	100.2 (6)	98.9 (13)	104.5 (16)	98.1 (18)	58.0	7.8	38	23-May	0
BRUEHL	97.3 (10)	97.2 (15)	101.6 (19)	102.9 (5)	57.7	8.6	39	23-May	0
CODA	95.3 (14)	94.3 (20)	97.0 (29)	98.7 (15)	60.9	8.3	40	23-May	0
HILLER	93.2 (18)	91.4 (26)	95.1 (32)	99.1 (12)	57.1	7.9	37	21-May	0
EDWIN	85.3 (22)	82.2 (31)	85.2 (37)	89.3 (43)	61.3	8.8	45	21-May	3
ARS00235	---	100.2 (8)	104.8 (15)	98.9 (13)	60.2	8.5	40	24-May	0
ARS97173-16	---	---	111.6 (6)	99.2 (11)	59.4	7.8	38	20-May	0
ARS97135-9	---	---	98.3 (24)	94.0 (32)	58.0	7.9	36	22-May	0
F1182 M1-10	---	---	88.8 (35)	95.1 (29)	57.6	8.6	39	24-May	0
ARS96059-1	---	---	---	99.3 (10)	60.4	8.0	41	21-May	0
ARS00127	---	---	---	96.4 (25)	59.6	8.0	38	22-May	0
ARS960411-2	---	---	---	92.4 (36)	60.1	8.0	42	21-May	0
Mean	96.6	96.7	102.3	95.7	59.3	8.4	37	21-May	0.2
CV%	11.6	13.0	14.7	5.9	0.5	4.6	---	---	---
LSD @ .10	5.8	8.5	12.4	6.6	0.3	0.5	---	---	---

Planted: 27 Sep 04  
Harvested: 22 Jul 05

TABLE WA4133. 2005 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT FAIRFIELD, WA.

VARIETY NAME	5 YEAR	3 YEAR	2 YEAR	2005					
	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)	YIELD (BU/A)	TEST WT. (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING %
SOFT WHITE COMMON									
TUBBS	113.5 ( 1)	123.9 ( 2)	123.8 ( 2)	155.9 ( 3)	54.6	9.6	37	13-Jun	0
MOHLER	111.0 ( 2)	121.6 ( 3)	121.3 ( 6)	150.4 ( 7)	61.0	10.1	37	13-Jun	0
LAMBERT	110.5 ( 4)	121.6 ( 4)	121.2 ( 7)	149.4 ( 9)	60.4	9.9	39	11-Jun	0
ROD	110.0 ( 5)	119.4 ( 7)	120.5 ( 8)	142.8 (17)	59.6	9.7	36	14-Jun	0
CASHUP	107.6 ( 6)	118.3 ( 9)	121.5 ( 5)	148.6 (11)	60.7	9.5	35	13-Jun	0
MADSEN	107.4 ( 8)	114.5 (17)	113.1 (21)	129.6 (35)	60.0	11.0	37	14-Jun	0
HILL 81	107.3 ( 9)	117.9 (11)	119.9 ( 9)	148.7 (10)	61.5	10.2	41	14-Jun	0
MJ-9	107.3 (10)	118.1 (10)	119.7 (10)	141.4 (18)	59.5	9.8	36	13-Jun	0
ALBION	104.6 (13)	115.4 (13)	117.8 (13)	150.2 ( 8)	60.8	10.1	34	14-Jun	0
ELTAN	103.9 (15)	112.8 (19)	111.0 (24)	129.0 (38)	60.7	9.9	37	15-Jun	0
FINCH	103.7 (16)	112.7 (21)	109.5 (29)	135.9 (25)	61.2	10.1	39	15-Jun	0
HUBBARD	102.7 (17)	111.4 (24)	113.2 (20)	139.6 (22)	61.2	10.0	42	14-Jun	0
BRUNDAGE 96	102.5 (18)	112.8 (20)	116.1 (16)	138.7 (23)	60.3	10.2	34	13-Jun	0
STEPHENS	102.4 (19)	115.1 (14)	113.5 (19)	139.7 (21)	61.5	10.3	34	11-Jun	0
MJ-4	100.6 (20)	109.2 (29)	110.2 (26)	143.5 (16)	59.7	9.9	35	15-Jun	0
LEWJAIN	96.5 (21)	101.5 (30)	100.5 (36)	113.9 (47)	59.6	10.1	33	16-Jun	0
IDAHO 587	---	125.0 ( 1)	123.6 ( 4)	151.3 ( 5)	61.4	10.6	36	11-Jun	0
ORCF-101	---	121.3 ( 5)	123.6 ( 3)	151.4 ( 4)	61.4	10.8	35	12-Jun	0
WB 528	---	120.2 ( 6)	117.4 (14)	132.1 (29)	62.0	10.7	35	11-Jun	0
SIMON	---	114.6 (16)	110.4 (25)	134.5 (27)	60.8	10.7	36	13-Jun	0
DUNE	---	110.7 (25)	109.0 (31)	125.2 (42)	60.5	9.9	34	13-Jun	0
WA7935	---	110.3 (26)	108.1 (34)	122.5 (44)	60.0	9.5	37	16-Jun	0
MASAMI	---	110.2 (27)	109.0 (32)	128.0 (39)	59.2	10.0	35	16-Jun	0
WA7934	---	109.5 (28)	108.1 (35)	131.9 (30)	60.7	9.7	38	16-Jun	0
RJAMES	---	---	118.9 (12)	151.0 ( 6)	58.4	9.4	33	15-Jun	0
CONCEPT	---	---	116.8 (15)	147.8 (12)	60.4	9.3	35	14-Jun	0
GEORGE	---	---	109.5 (28)	131.1 (33)	60.1	10.2	38	15-Jun	19
ORCF-102	---	---	---	161.9 ( 1)	61.4	10.1	38	12-Jun	0
WA7973	---	---	---	147.1 (13)	60.6	9.9	37	14-Jun	0
ORSS-1757	---	---	---	146.7 (14)	60.1	9.7	38	11-Jun	0
WA7974	---	---	---	129.2 (37)	59.8	9.4	37	13-Jun	0
WA7970	---	---	---	126.3 (40)	61.5	11.0	35	16-Jun	0
ID620	---	---	---	126.0 (41)	60.8	9.9	38	15-Jun	5
WA7972	---	---	---	122.7 (43)	58.8	9.8	41	13-Jun	0
WA7971	---	---	---	119.0 (46)	58.8	9.8	35	14-Jun	0
SOFT WHITE CLUB									
CODA	110.6 ( 3)	119.2 ( 8)	119.4 (11)	133.7 (28)	61.4	10.5	41	15-Jun	23
CHUKAR	107.6 ( 7)	114.6 (15)	111.1 (23)	135.9 (26)	60.1	9.8	37	14-Jun	0
BRUEHL	106.6 (11)	113.7 (18)	113.6 (18)	140.5 (20)	58.2	10.1	38	15-Jun	0
HILLER	104.6 (12)	112.1 (23)	108.5 (33)	129.2 (36)	58.2	9.8	37	13-Jun	0
RELY	104.2 (14)	112.6 (22)	109.8 (27)	121.8 (45)	60.4	9.7	41	14-Jun	0
EDWIN	92.4 (22)	96.3 (31)	92.0 (37)	100.7 (48)	61.6	11.3	46	13-Jun	21
ARS00235	---	116.7 (12)	114.0 (17)	141.0 (19)	61.4	10.4	42	14-Jun	0
F1182 M1-10	---	---	130.8 ( 1)	160.6 ( 2)	58.8	10.3	39	16-Jun	0
ARS97135-9	---	---	111.5 (22)	138.5 (24)	59.7	9.9	36	13-Jun	0
ARS97173-16	---	---	109.1 (30)	131.5 (31)	60.5	10.0	35	13-Jun	0
ARS96059-1	---	---	---	144.6 (15)	62.8	10.8	43	13-Jun	0
ARS00127	---	---	---	131.4 (32)	61.2	10.5	38	14-Jun	0
ARS960411-2	---	---	---	130.3 (34)	61.9	11.2	42	13-Jun	0
Mean	105.3	114.6	114.2	137.1	60.3	10.1	37	13-Jun	1.4
CV%	8.1	8.3	9.3	8.2	2.7	5.3	---	---	---
LSD @ .10	4.4	6.4	8.7	13.2	1.9	0.6	---	---	---

Planted: 20 Sep 04

Harvested: 22 Aug 05

TABLE WA4139. 2005 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT FARMINGTON, WA.

VARIETY NAME	5 YEAR	3 YEAR	2 YEAR	2005					
	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)	YIELD (BU/A)	TEST WT. (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING %
SOFT WHITE COMMON									
TUBBS	132.2 ( 1)	138.8 ( 2)	138.1 ( 6)	144.3 ( 3)	55.6	12.0	39	10-Jun	60
CASHUP	127.3 ( 4)	133.0 ( 8)	137.2 ( 7)	133.4 (17)	58.3	11.8	36	12-Jun	83
MJ-9	125.6 ( 5)	126.7 (18)	127.4 (19)	131.7 (22)	55.4	12.1	38	11-Jun	19
HILL 81	125.1 ( 6)	137.4 ( 3)	144.1 ( 2)	148.9 ( 1)	58.1	12.3	43	11-Jun	54
ROD	124.6 ( 7)	132.6 ( 9)	136.1 ( 8)	132.2 (21)	55.9	11.8	36	12-Jun	91
MADSEN	123.9 ( 8)	129.2 (13)	129.9 (14)	130.0 (24)	57.0	12.8	39	12-Jun	43
FINCH	123.7 ( 9)	130.3 (11)	129.5 (16)	129.2 (25)	57.7	12.2	40	13-Jun	38
ALBION	122.1 (11)	124.2 (21)	125.6 (25)	128.7 (26)	55.2	11.2	38	13-Jun	0
MOHLER	121.9 (12)	120.7 (25)	126.2 (23)	121.0 (33)	57.0	12.4	37	9-Jun	100
MJ-4	121.5 (14)	123.6 (23)	126.2 (24)	131.7 (23)	54.4	12.8	38	13-Jun	39
LAMBERT	121.0 (15)	130.2 (12)	134.5 ( 9)	136.9 (13)	57.2	12.1	40	9-Jun	66
BRUNDAGE 96	120.3 (17)	124.1 (22)	127.4 (20)	136.6 (14)	57.1	12.5	40	13-Jun	11
STEPHENS	119.3 (18)	127.4 (17)	124.9 (26)	114.7 (39)	57.0	12.2	36	10-Jun	88
HUBBARD	118.5 (19)	121.7 (24)	123.7 (29)	122.3 (31)	57.9	12.0	47	12-Jun	1
ELTAN	112.5 (20)	116.2 (27)	122.6 (30)	101.9 (46)	55.3	12.5	37	13-Jun	98
LEWJAIN	106.6 (21)	107.5 (30)	108.7 (36)	96.6 (47)	55.1	12.8	37	13-Jun	100
WB 528	---	140.2 ( 1)	144.3 ( 1)	147.5 ( 2)	59.5	12.3	37	10-Jun	48
ORCF-101	---	134.7 ( 5)	139.6 ( 3)	143.4 ( 4)	58.3	12.4	39	10-Jun	0
SIMON	---	133.0 ( 7)	131.6 (11)	141.3 ( 5)	57.8	12.3	40	12-Jun	1
IDAHO 587	---	130.7 (10)	131.1 (13)	120.2 (36)	56.7	12.5	38	9-Jun	95
DUNE	---	127.7 (16)	128.8 (17)	139.1 ( 7)	56.8	12.4	37	11-Jun	44
WA7934	---	120.6 (26)	122.5 (31)	106.3 (43)	55.2	12.0	38	14-Jun	98
MASAMI	---	114.9 (28)	118.1 (34)	105.8 (45)	54.2	12.2	38	13-Jun	94
WA7935	---	114.7 (29)	114.9 (35)	106.2 (44)	55.7	12.5	39	14-Jun	97
CONCEPT	---	---	131.2 (12)	132.9 (20)	58.1	11.8	37	12-Jun	44
GEORGE	---	---	120.1 (32)	114.8 (38)	56.6	11.9	40	13-Jun	93
RJAMES	---	---	119.1 (33)	107.3 (42)	52.8	11.9	37	11-Jun	100
ORCF-102	---	---	---	139.8 ( 6)	58.0	12.0	40	10-Jun	73
WA7974	---	---	---	139.1 ( 8)	54.6	11.7	40	13-Jun	51
WA7973	---	---	---	138.0 (11)	57.3	11.8	39	12-Jun	78
WA7971	---	---	---	134.4 (15)	53.8	12.0	37	14-Jun	33
ORSS-1757	---	---	---	133.8 (16)	56.7	11.5	40	10-Jun	65
WA7970	---	---	---	127.6 (27)	57.6	12.6	40	13-Jun	25
WA7972	---	---	---	114.0 (40)	55.6	11.3	40	13-Jun	85
ID620	---	---	---	108.2 (41)	55.6	12.3	37	14-Jun	98
SOFT WHITE CLUB									
CHUKAR	128.9 ( 2)	136.0 ( 4)	138.3 ( 5)	133.3 (18)	57.7	11.7	43	13-Jun	58
BRUEHL	127.9 ( 3)	133.1 ( 6)	133.9 (10)	137.3 (12)	54.6	12.4	40	13-Jun	46
RELY	122.7 (10)	128.5 (14)	127.4 (18)	124.8 (28)	58.7	12.4	40	12-Jun	88
CODA	121.6 (13)	125.9 (19)	126.3 (22)	122.7 (30)	59.5	13.3	40	12-Jun	84
HILLER	120.7 (16)	124.7 (20)	124.0 (27)	121.3 (32)	56.4	12.1	39	13-Jun	77
EDWIN	98.9 (22)	101.4 (31)	99.4 (37)	94.3 (48)	59.1	13.4	40	13-Jun	96
ARS00235	---	128.1 (15)	126.6 (21)	120.6 (35)	58.2	12.9	43	12-Jun	85
F1182 M1-10	---	---	138.7 ( 4)	138.1 (10)	55.7	12.3	40	13-Jun	39
ARS97135-9	---	---	129.6 (15)	138.3 ( 9)	58.1	12.2	39	12-Jun	20
ARS97173-16	---	---	124.0 (28)	120.8 (34)	56.3	11.9	39	12-Jun	39
ARS960411-2	---	---	---	133.2 (19)	60.3	12.9	41	11-Jun	73
ARS96059-1	---	---	---	122.8 (29)	59.2	13.0	43	12-Jun	85
ARS00127	---	---	---	119.3 (37)	58.7	12.8	39	12-Jun	94
Mean	121.2	126.4	127.9	126.4	56.8	12.3	39	11-Jun	62
CV%	7.9	8.2	7.8	7.5	1.4	3.4	---	---	---
LSD @ .10	5.0	7.0	8.3	11.1	1.0	0.5	---	---	---

Planted: 29 Sep 04

Harvested: 24 Aug 05

TABLE WA4119. 2005 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT LAMONT, WA.

VARIETY NAME	5 YEAR	3 YEAR	2 YEAR	2005					
	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)	YIELD (BU/A)	TEST WT. (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING %
SOFT WHITE COMMON									
FINCH	105.0 ( 2)	112.1 ( 7)	112.9 ( 3)	107.4 ( 2)	60.9	8.3	43	27-May	18
MJ-4	104.7 ( 3)	117.6 ( 2)	112.5 ( 4)	110.0 ( 1)	58.3	8.2	41	27-May	10
TUBBS	104.5 ( 4)	116.7 ( 4)	114.9 ( 2)	96.7 ( 9)	57.7	7.8	41	25-May	60
MJ-9	102.6 ( 5)	114.8 ( 5)	111.9 ( 6)	103.3 ( 5)	58.9	8.3	40	27-May	41
ALBION	98.2 ( 7)	112.8 ( 6)	104.6 (16)	88.7 (15)	58.4	8.0	38	26-May	3
BRUNDAGE 96	97.6 ( 9)	109.9 (10)	105.7 (11)	94.0 (11)	56.7	8.7	39	25-May	35
ROD	97.1 (10)	102.7 (20)	97.6 (27)	65.5 (37)	56.9	8.3	38	26-May	74
LAMBERT	96.7 (11)	110.0 ( 9)	101.0 (22)	91.4 (13)	57.7	8.9	41	23-May	76
LEWJAIN	95.1 (13)	107.4 (14)	102.7 (18)	81.1 (23)	59.2	8.2	39	28-May	57
MADSEN	94.2 (15)	101.9 (22)	101.1 (21)	94.1 (10)	58.3	9.3	40	26-May	29
CASHUP	93.0 (16)	105.8 (15)	104.7 (15)	88.3 (18)	59.6	8.7	38	26-May	8
MOHLER	92.5 (17)	103.8 (19)	97.1 (28)	76.7 (30)	57.3	8.5	39	24-May	87
ELTAN	92.3 (18)	97.9 (28)	94.7 (32)	49.2 (47)	55.7	8.6	40	27-May	98
HUBBARD	92.2 (19)	101.1 (24)	95.7 (29)	65.2 (38)	57.2	9.1	44	25-May	30
HILL 81	91.2 (20)	101.3 (23)	95.4 (31)	67.7 (36)	57.8	8.5	41	27-May	39
STEPHENS	89.8 (21)	104.0 (18)	105.4 (12)	89.1 (14)	57.9	8.1	38	23-May	15
MASAMI	---	116.7 ( 3)	116.3 ( 1)	105.0 ( 4)	57.3	8.5	42	27-May	33
DUNE	---	111.1 ( 8)	109.6 ( 8)	106.8 ( 3)	58.6	8.4	39	23-May	30
SIMON	---	105.5 (16)	103.0 (17)	101.9 ( 6)	58.8	8.6	42	26-May	25
ORCF-101	---	104.8 (17)	105.0 (14)	92.2 (12)	58.2	8.2	38	21-May	19
WA7934	---	102.6 (21)	98.8 (26)	70.1 (35)	57.3	7.8	43	27-May	84
WA7935	---	100.9 (25)	100.7 (23)	82.1 (22)	58.3	8.7	43	28-May	72
IDAHO 587	---	100.0 (26)	99.1 (25)	86.1 (21)	57.4	9.3	38	23-May	50
WB 528	---	92.7 (30)	93.9 (33)	61.9 (40)	58.8	9.3	36	21-May	83
CONCEPT	---	---	101.7 (19)	81.0 (24)	59.8	8.5	37	27-May	9
RJAMES	---	---	101.5 (20)	70.2 (34)	54.0	8.8	36	25-May	86
GEORGE	---	---	95.6 (30)	61.1 (42)	56.8	8.3	39	28-May	96
ORCF-102	---	---	---	88.5 (16)	59.1	8.5	42	24-May	40
ORSS-1757	---	---	---	78.0 (28)	55.8	8.3	37	24-May	99
WA7970	---	---	---	77.9 (29)	57.7	9.0	41	28-May	51
WA7972	---	---	---	71.4 (33)	54.8	8.7	41	27-May	97
WA7974	---	---	---	62.1 (39)	55.1	8.6	39	27-May	86
WA7973	---	---	---	61.2 (41)	55.5	9.2	37	26-May	99
WA7971	---	---	---	56.5 (45)	56.8	8.5	37	27-May	81
ID620	---	---	---	48.6 (48)	54.3	8.8	41	28-May	99
SOFT WHITE CLUB									
CHUKAR	106.6 ( 1)	118.8 ( 1)	111.2 ( 7)	88.5 (17)	58.2	7.5	43	27-May	35
RELY	98.7 ( 6)	108.0 (13)	105.2 (13)	79.2 (26)	57.4	9.4	43	25-May	99
CODA	97.9 ( 8)	109.7 (11)	100.6 (24)	76.5 (31)	60.7	8.7	45	27-May	82
BRUEHL	95.4 (12)	97.8 (29)	91.3 (35)	59.8 (43)	55.0	9.5	42	27-May	99
HILLER	94.8 (14)	98.9 (27)	91.3 (34)	73.1 (32)	55.8	8.4	40	25-May	93
EDWIN	87.2 (22)	89.4 (31)	86.5 (36)	56.1 (46)	60.0	9.2	45	25-May	99
ARS00235	---	109.0 (12)	105.8 (10)	87.9 (19)	60.6	8.9	45	26-May	86
ARS97135-9	---	---	112.4 ( 5)	101.5 ( 7)	58.1	8.0	41	27-May	34
ARS97173-16	---	---	108.5 ( 9)	100.8 ( 8)	58.2	8.0	41	24-May	46
F1182 M1-10	---	---	85.8 (37)	59.6 (44)	55.9	8.7	41	28-May	99
ARS96059-1	---	---	---	87.4 (20)	60.1	8.5	44	25-May	90
ARS00127	---	---	---	80.7 (25)	58.6	8.9	43	26-May	91
ARS960411-2	---	---	---	78.5 (27)	58.9	8.8	43	25-May	80
Mean	96.7	106.0	102.2	80.4	57.7	8.6	41	25-May	62
CV%	9.5	9.4	7.9	13.2	1.6	7.8	---	---	---
LSD @ .10	4.8	6.7	6.7	12.4	1.1	0.8	---	---	---

Planted: 8 Sep 04

Harvested: 29 Jul 05



TABLE WA4105. 2005 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT LIND, WA.

VARIETY NAME	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	YIELD (BU/A)	TEST WT. (LBS/BU)	2005 PROTEIN (%)	PLANT HT	HEAD DATE
SOFT WHITE COMMON								
TUBBS	46.0 (1)	50.4 (1)	53.8 (1)	54.7 (2)	57.5	13.1	26	11-May
MOHLER	44.1 (2)	49.6 (2)	53.0 (2)	55.7 (1)	57.6	13.1	25	10-May
ELTAN	43.8 (3)	47.5 (7)	49.6 (9)	47.2 (26)	58.1	12.8	26	13-May
MJ-4	43.4 (4)	47.1 (10)	45.6 (28)	52.7 (6)	57.2	12.9	27	13-May
ALBION	43.2 (5)	47.5 (8)	49.3 (10)	48.0 (24)	56.8	13.3	24	13-May
FINCH	43.0 (6)	46.6 (12)	44.7 (32)	45.7 (37)	59.4	12.8	28	13-May
HILL 81	42.7 (9)	47.6 (6)	50.5 (6)	51.7 (11)	59.0	13.3	28	12-May
MADSEN	42.0 (10)	48.2 (3)	48.9 (12)	51.3 (13)	58.6	13.4	26	12-May
ROD	41.8 (13)	47.2 (9)	49.3 (11)	48.6 (21)	57.9	12.5	26	13-May
BRUNDAGE 96	41.2 (15)	45.5 (16)	50.6 (5)	51.5 (12)	58.4	12.6	26	11-May
HUBBARD	40.8 (16)	43.9 (21)	45.6 (27)	44.5 (42)	58.3	13.2	28	12-May
LEWJAIN	40.4 (17)	43.5 (24)	45.8 (24)	43.6 (46)	59.1	14.2	24	13-May
STEPHENS	39.4 (18)	42.0 (27)	45.5 (29)	45.4 (41)	57.1	13.2	25	9-May
LAMBERT	38.2 (19)	40.0 (29)	44.3 (34)	43.8 (45)	57.9	12.6	27	9-May
MJ-9	37.7 (20)	38.0 (30)	37.1 (36)	51.2 (14)	56.3	12.7	24	13-May
CASHUP	37.2 (21)	41.8 (28)	44.5 (33)	41.6 (48)	57.8	13.4	25	13-May
DUNE	---	46.5 (15)	52.1 (3)	53.1 (5)	59.1	12.4	26	9-May
WA7934	---	45.3 (17)	47.2 (17)	47.1 (27)	58.0	13.3	25	12-May
MASAMI	---	44.8 (18)	46.2 (23)	45.6 (38)	57.7	12.6	27	13-May
WA7935	---	44.2 (19)	45.8 (25)	46.8 (28)	57.9	13.3	26	13-May
ORCF-101	---	43.6 (22)	46.8 (19)	45.5 (39)	57.9	12.5	28	7-May
IDAHO 587	---	43.6 (23)	46.8 (20)	44.4 (43)	57.4	13.5	25	9-May
WB 528	---	42.7 (25)	44.9 (30)	42.1 (47)	59.1	12.9	25	8-May
SIMON	---	42.3 (26)	46.5 (21)	46.2 (35)	59.3	13.1	26	12-May
GEORGE	---	---	50.9 (4)	48.3 (23)	57.3	12.9	27	13-May
RJAMES	---	---	47.5 (16)	50.5 (17)	57.4	12.4	24	12-May
CONCEPT	---	---	45.7 (26)	46.7 (30)	58.5	12.6	25	13-May
WA7971	---	---	---	54.1 (3)	56.5	12.3	25	13-May
WA7973	---	---	---	53.4 (4)	58.8	12.6	28	13-May
WA7974	---	---	---	52.0 (8)	57.2	12.1	27	12-May
ORCF-102	---	---	---	52.0 (9)	58.7	13.0	28	12-May
WA7970	---	---	---	51.9 (10)	58.4	13.7	26	13-May
WA7972	---	---	---	51.1 (15)	57.0	12.5	26	12-May
ID620	---	---	---	46.8 (29)	58.4	13.0	26	13-May
ORSS-1757	---	---	---	43.9 (44)	58.6	12.6	26	11-May
SOFT WHITE CLUB								
CHUKAR	42.8 (7)	46.5 (13)	43.9 (35)	49.3 (20)	57.7	12.9	26	13-May
EDWIN	42.8 (8)	46.5 (14)	48.6 (13)	46.5 (32)	58.5	14.2	27	12-May
CODA	41.9 (11)	47.8 (5)	48.0 (15)	47.9 (25)	58.5	13.3	25	13-May
RELY	41.9 (12)	44.2 (20)	46.2 (22)	46.3 (33)	58.3	13.5	24	12-May
BRUEHL	41.7 (14)	47.8 (4)	50.1 (8)	49.5 (19)	57.8	13.6	27	13-May
HILLER	35.6 (22)	35.7 (31)	36.8 (37)	46.2 (34)	58.7	12.6	24	12-May
ARS00235	---	47.1 (11)	50.2 (7)	46.1 (36)	58.5	13.7	27	13-May
F1182 M1-10	---	---	48.5 (14)	48.5 (22)	57.5	12.8	28	13-May
ARS97173-16	---	---	47.0 (18)	46.5 (31)	58.4	12.5	25	11-May
ARS97135-9	---	---	44.9 (31)	52.3 (7)	56.9	12.9	27	13-May
ARS00127	---	---	---	51.1 (16)	59.2	13.3	26	12-May
ARS960411-2	---	---	---	49.6 (18)	59.6	13.6	27	11-May
ARS96059-1	---	---	---	45.4 (40)	59.0	13.0	29	10-May
Mean	41.4	45.0	47.1	48.4	58.1	13.0	26	11-May
CV%	12.7	13.2	13.6	8.3	0.9	4.7	---	---
LSD @ .10	2.7	4.0	5.3	4.7	0.6	0.7	---	---

Planted: 2 Sep 04  
Harvested: 20 Jul 05

TABLE WA4146. 2005 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT MAYVIEW, WA. (GARFIELD COUNTY)

VARIETY NAME	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	YIELD (BU/A)	TEST WT. (LBS/BU)	2005 PROTEIN (%)	PLANT HT	HEAD DATE
SOFT WHITE COMMON								
TUBBS	---	126.6 ( 1)	133.8 ( 1)	121.8 ( 6)	59.3	10.5	40	5-Jun
ROD	---	126.4 ( 2)	131.0 ( 5)	121.4 ( 7)	60.4	10.5	37	9-Jun
WB 528	---	122.6 ( 3)	133.1 ( 2)	123.3 ( 3)	61.8	11.3	37	3-Jun
HILL 81	---	121.6 ( 4)	129.4 ( 6)	123.7 ( 2)	61.2	11.5	42	7-Jun
MJ-9	---	121.2 ( 6)	126.9 ( 8)	118.0 (12)	59.0	11.1	36	7-Jun
MOHLER	---	120.3 ( 7)	127.0 ( 7)	122.2 ( 5)	60.7	11.1	39	4-Jun
FINCH	---	120.1 ( 8)	125.7 (11)	118.0 (11)	61.9	10.7	41	9-Jun
MASAMI	---	120.0 ( 9)	126.0 (10)	118.4 (10)	59.7	10.8	39	9-Jun
ALBION	---	118.9 (10)	124.1 (12)	110.9 (27)	59.5	10.9	36	6-Jun
STEPHENS	---	115.8 (11)	121.5 (16)	109.9 (29)	59.9	11.5	36	3-Jun
CASHUP	---	115.7 (12)	122.1 (14)	112.3 (23)	61.3	11.0	36	7-Jun
MJ-4	---	114.9 (14)	119.1 (24)	106.9 (34)	57.7	10.8	36	9-Jun
ORCF-101	---	114.4 (16)	126.2 ( 9)	117.7 (13)	60.2	11.5	37	5-Jun
SIMON	---	113.4 (18)	120.2 (21)	114.3 (17)	60.4	11.4	39	5-Jun
IDAHO 587	---	113.2 (19)	118.7 (25)	112.2 (24)	60.5	11.4	36	3-Jun
HUBBARD	---	111.1 (21)	116.8 (27)	103.9 (38)	60.1	10.1	43	6-Jun
MADSEN	---	110.5 (22)	116.8 (28)	113.2 (20)	60.6	11.4	38	7-Jun
ELTAN	---	110.2 (23)	115.8 (29)	94.6 (44)	60.6	10.2	41	9-Jun
BRUNDAGE 96	---	108.4 (24)	115.6 (30)	106.8 (35)	59.8	11.2	36	5-Jun
WA7934	---	108.2 (25)	115.4 (31)	97.9 (42)	60.1	10.6	40	9-Jun
LAMBERT	---	107.9 (26)	113.2 (32)	102.7 (40)	59.8	11.3	40	4-Jun
WA7935	---	105.7 (27)	110.3 (33)	91.4 (45)	60.2	11.0	40	10-Jun
LEWJAIN	---	103.2 (28)	108.7 (35)	86.1 (46)	60.8	10.2	38	10-Jun
DUNE	---	100.6 (30)	100.2 (36)	78.5 (48)	58.7	11.0	35	3-Jun
RJAMES	---	---	132.5 ( 3)	123.2 ( 4)	59.0	10.1	37	7-Jun
CONCEPT	---	---	121.7 (15)	114.0 (18)	61.5	10.7	35	7-Jun
GEORGE	---	---	120.5 (17)	106.5 (36)	60.0	10.5	42	9-Jun
ORSS-1757	---	---	---	120.7 ( 8)	60.0	10.7	39	4-Jun
ORCF-102	---	---	---	119.4 ( 9)	61.0	11.1	39	5-Jun
WA7973	---	---	---	117.5 (14)	61.0	10.6	38	7-Jun
WA7970	---	---	---	112.7 (21)	61.5	11.1	37	8-Jun
WA7971	---	---	---	108.9 (31)	58.8	10.3	36	9-Jun
ID620	---	---	---	105.3 (37)	59.6	10.5	42	9-Jun
WA7974	---	---	---	103.7 (39)	59.1	10.5	37	8-Jun
WA7972	---	---	---	101.0 (41)	58.5	10.4	42	7-Jun
SOFT WHITE CLUB								
BRUEHL	---	121.3 ( 5)	131.5 ( 4)	124.4 ( 1)	58.1	10.8	42	9-Jun
CODA	---	115.0 (13)	120.4 (19)	111.3 (26)	62.5	10.6	42	7-Jun
CHUKAR	---	114.4 (15)	120.1 (23)	116.2 (15)	60.2	10.8	40	7-Jun
ARS00235	---	113.7 (17)	122.5 (13)	113.8 (19)	61.7	10.8	43	9-Jun
HILLER	---	111.9 (20)	120.5 (18)	112.4 (22)	58.1	10.0	39	6-Jun
RELY	---	103.0 (29)	110.3 (34)	96.4 (43)	61.1	10.8	41	7-Jun
EDWIN	---	86.0 (31)	89.1 (37)	78.6 (47)	62.8	11.8	43	7-Jun
ARS97173-16	---	---	120.4 (20)	108.0 (32)	60.1	10.6	37	6-Jun
ARS97135-9	---	---	120.2 (22)	110.8 (28)	59.9	11.2	37	7-Jun
F1182 M1-10	---	---	117.6 (26)	107.6 (33)	58.6	11.1	40	10-Jun
ARS96059-1	---	---	---	114.8 (16)	62.2	11.4	44	6-Jun
ARS00127	---	---	---	112.0 (25)	61.4	10.7	38	6-Jun
ARS960411-2	---	---	---	109.4 (30)	61.7	11.3	43	5-Jun
Mean	---	113.4	120.1	109.9	60.3	10.9	39	6-Jun
CV%	---	6.9	5.7	5.3	0.7	4.7	---	---
LSD @ .10	---	5.2	5.6	6.8	0.5	0.6	---	---

Planted: 14 Oct 04  
Harvested: 5 Aug 05

TABLE WA4161. 2005 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT MOSES LAKE, WA. (IRRIGATED)

VARIETY NAME	5 YEAR	3 YEAR	2 YEAR	2005					
	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)	YIELD (BU/A)	TEST WT. (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING %
SOFT WHITE COMMON									
WB 528	---	156.1 ( 1)	147.0 ( 1)	149.8 (10)	61.3	11.9	42	19-May	72
DUNE	---	153.6 ( 2)	143.9 ( 3)	169.5 ( 3)	59.9	11.3	43	21-May	50
TUBBS	---	152.5 ( 3)	144.1 ( 2)	138.3 (21)	57.9	11.8	43	24-May	65
LAMBERT	---	151.2 ( 4)	141.3 ( 5)	170.3 ( 2)	60.9	11.5	44	21-May	59
SIMON	---	148.3 ( 5)	138.3 ( 9)	170.8 ( 1)	60.8	11.3	44	23-May	9
CASHUP	---	147.4 ( 6)	140.7 ( 7)	156.1 ( 8)	60.2	11.7	40	25-May	39
MADSEN	---	147.2 ( 7)	141.3 ( 6)	158.3 ( 6)	60.0	11.9	42	26-May	31
MJ-9	---	146.2 ( 8)	136.1 (11)	136.8 (22)	59.8	11.3	41	24-May	41
STEPHENS	---	145.6 ( 9)	131.5 (14)	152.0 ( 9)	59.9	11.7	40	22-May	66
MJ-4	---	143.3 (11)	133.7 (13)	148.3 (11)	56.4	11.9	41	26-May	39
ALBION	---	142.6 (12)	139.0 ( 8)	147.8 (12)	57.5	11.2	40	25-May	28
ORCF-101	---	141.7 (13)	137.1 (10)	158.0 ( 7)	60.0	11.6	42	22-May	5
ROD	---	141.3 (14)	128.0 (18)	130.4 (30)	59.0	11.5	41	26-May	56
IDAHO 587	---	140.8 (15)	127.7 (19)	141.3 (15)	59.1	11.9	42	22-May	66
MOHLER	---	140.2 (16)	130.1 (16)	139.1 (20)	60.5	11.6	43	22-May	86
HILL 81	---	137.8 (17)	126.8 (20)	146.9 (13)	61.0	12.0	45	25-May	65
HUBBARD	---	137.7 (18)	131.0 (15)	158.7 ( 5)	61.4	11.5	48	24-May	54
FINCH	---	135.8 (19)	120.7 (24)	118.3 (39)	61.0	11.9	43	27-May	68
BRUNDAGE 96	---	134.2 (22)	120.7 (23)	132.4 (28)	58.6	11.7	41	23-May	35
MASAMI	---	130.8 (23)	120.1 (25)	127.3 (31)	56.8	11.5	44	27-May	39
WA7934	---	125.1 (27)	114.8 (30)	108.3 (43)	58.0	11.3	44	26-May	92
ELTAN	---	114.9 (28)	102.8 (34)	75.6 (48)	58.0	11.5	44	27-May	99
LEWJAIN	---	112.9 (29)	102.1 (35)	87.1 (46)	58.3	12.4	39	27-May	88
WA7935	---	112.2 (30)	97.5 (36)	91.9 (45)	57.3	11.6	45	27-May	85
RJAMES	---	---	134.2 (12)	140.6 (17)	57.6	11.1	38	24-May	92
CONCEPT	---	---	123.7 (22)	134.0 (26)	59.5	11.8	41	25-May	44
GEORGE	---	---	108.1 (33)	92.1 (44)	58.8	11.7	44	27-May	87
ORCF-102	---	---	---	164.3 ( 4)	59.6	11.9	43	23-May	79
ORSS-1757	---	---	---	144.8 (14)	58.7	11.0	43	22-May	72
WA7974	---	---	---	140.2 (19)	58.2	11.5	43	25-May	36
WA7973	---	---	---	136.4 (23)	59.5	11.5	43	24-May	33
WA7970	---	---	---	135.3 (24)	59.6	11.9	44	27-May	41
WA7971	---	---	---	135.0 (25)	56.2	11.8	42	27-May	41
WA7972	---	---	---	122.2 (36)	57.2	11.4	44	25-May	91
ID620	---	---	---	114.6 (41)	59.2	11.2	43	26-May	92
SOFT WHITE CLUB									
CHUKAR	---	145.1 (10)	142.1 ( 4)	141.1 (16)	59.5	12.5	45	25-May	60
HILLER	---	135.0 (20)	124.9 (21)	140.3 (18)	57.3	11.9	44	23-May	76
BRUEHL	---	134.7 (21)	128.8 (17)	126.0 (35)	56.8	12.0	42	26-May	53
ARS00235	---	129.6 (24)	115.6 (29)	115.9 (40)	59.6	12.8	46	27-May	83
RELY	---	128.1 (25)	113.1 (32)	121.9 (37)	60.0	12.1	45	25-May	83
CODA	---	126.7 (26)	113.6 (31)	109.8 (42)	60.7	13.3	44	27-May	84
EDWIN	---	108.7 (31)	96.0 (37)	80.0 (47)	62.3	13.1	48	23-May	90
ARS97173-16	---	---	119.5 (26)	126.4 (34)	59.4	11.8	42	24-May	69
ARS97135-9	---	---	118.6 (27)	133.7 (27)	60.2	12.3	43	25-May	50
F1182 M1-10	---	---	116.9 (28)	126.8 (32)	56.2	12.5	43	27-May	49
ARS960411-2	---	---	---	131.3 (29)	61.4	12.7	44	23-May	83
ARS00127	---	---	---	126.7 (33)	60.7	12.7	44	25-May	84
ARS96059-1	---	---	---	120.5 (38)	61.5	12.9	45	24-May	81
Mean	---	137.0	125.7	132.8	59.3	11.9	43	24-May	62
CV%	---	11.5	14.0	14.1	1.6	3.7	---	---	---
LSD @ .10	---	10.6	14.5	21.9	1.1	0.5	---	---	---

Planted: 6 Oct 04

Harvested: 2 Aug 05

TABLE WA4102. 2005 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT PULLMAN, WA.

VARIETY NAME	5 YEAR	3 YEAR	2 YEAR	2005					
	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)	YIELD (BU/A)	TEST WT. (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING %
SOFT WHITE COMMON									
ROD	151.4 ( 1)	154.8 ( 1)	163.3 ( 1)	171.4 ( 1)	59.6	10.9	39	10-Jun	63
TUBBS	150.7 ( 2)	152.6 ( 2)	153.9 ( 5)	142.8 (22)	56.7	11.5	43	9-Jun	28
MJ-9	149.8 ( 3)	150.9 ( 3)	158.7 ( 3)	161.0 ( 4)	59.0	11.0	41	10-Jun	5
MJ-4	145.1 ( 4)	147.6 ( 6)	153.2 ( 8)	158.9 ( 9)	57.7	11.6	39	11-Jun	0
FINCH	143.6 ( 5)	149.1 ( 5)	153.1 ( 9)	160.6 ( 6)	60.5	11.4	44	11-Jun	15
MOHLER	143.1 ( 6)	142.1 (17)	143.9 (23)	133.2 (34)	58.9	12.1	40	9-Jun	90
HILL 81	142.8 ( 7)	147.6 ( 7)	156.8 ( 4)	163.0 ( 3)	59.9	11.9	46	11-Jun	45
STEPHENS	142.8 ( 8)	150.8 ( 4)	159.9 ( 2)	159.7 ( 7)	59.8	12.0	41	8-Jun	55
MADSEN	141.8 (10)	144.2 (12)	152.2 (11)	160.7 ( 5)	59.8	12.1	41	11-Jun	5
LAMBERT	141.0 (12)	146.9 ( 8)	153.2 ( 7)	155.8 (11)	59.7	11.7	44	8-Jun	65
ALBION	140.9 (13)	142.6 (15)	147.8 (17)	136.7 (29)	57.4	11.1	39	11-Jun	13
ELTAN	140.1 (14)	143.3 (14)	148.1 (15)	129.3 (37)	58.7	10.9	43	11-Jun	70
HUBBARD	139.5 (16)	140.1 (22)	143.9 (24)	136.0 (30)	59.3	10.9	49	10-Jun	5
CASHUP	139.0 (17)	140.7 (21)	148.0 (16)	151.3 (16)	60.8	11.6	39	11-Jun	15
BRUNDAGE 96	138.1 (18)	141.5 (18)	145.1 (22)	153.6 (13)	58.9	12.3	40	10-Jun	3
LEWJAIN	128.8 (21)	124.5 (30)	124.0 (36)	106.8 (46)	57.8	11.7	39	12-Jun	86
IDAHO 587	---	145.4 (10)	150.7 (12)	146.3 (21)	58.2	12.4	39	8-Jun	80
SIMON	---	143.5 (13)	147.6 (18)	152.2 (15)	59.4	11.4	43	9-Jun	10
WB 528	---	142.6 (16)	149.5 (13)	149.7 (18)	60.8	12.3	39	7-Jun	45
MASAMI	---	140.7 (20)	145.3 (21)	141.0 (23)	58.2	11.1	42	11-Jun	53
WA7934	---	139.5 (23)	142.1 (27)	127.5 (40)	58.2	11.3	42	11-Jun	83
ORCF-101	---	138.2 (24)	142.3 (25)	137.6 (28)	58.9	11.8	42	9-Jun	3
WA7935	---	134.3 (27)	135.8 (32)	128.7 (38)	58.5	11.6	41	11-Jun	73
DUNE	---	132.4 (28)	127.1 (34)	104.3 (47)	56.3	12.2	40	8-Jun	10
CONCEPT	---	---	149.1 (14)	159.1 ( 8)	60.2	11.6	39	11-Jun	23
RJAMES	---	---	142.2 (26)	134.1 (31)	57.1	11.0	37	10-Jun	91
GEORGE	---	---	137.4 (30)	119.7 (43)	58.5	11.2	44	11-Jun	80
WA7973	---	---	---	155.2 (12)	58.6	11.4	43	10-Jun	50
ORCF-102	---	---	---	153.6 (14)	60.0	11.7	44	10-Jun	25
WA7970	---	---	---	139.9 (24)	59.0	11.9	43	11-Jun	23
WA7974	---	---	---	139.7 (25)	57.0	10.7	44	11-Jun	35
ORSS-1757	---	---	---	138.5 (26)	57.9	11.2	44	9-Jun	61
WA7971	---	---	---	133.6 (33)	56.9	11.3	42	11-Jun	25
ID620	---	---	---	132.7 (35)	58.5	11.3	43	11-Jun	88
WA7972	---	---	---	117.5 (44)	57.0	11.6	46	10-Jun	65
SOFT WHITE CLUB									
CHUKAR	142.6 ( 9)	146.8 ( 9)	153.9 ( 6)	155.9 (10)	60.3	11.3	44	11-Jun	28
HILLER	141.5 (11)	144.9 (11)	146.7 (19)	146.6 (20)	57.5	11.3	45	10-Jun	60
BRUEHL	139.9 (15)	141.1 (19)	145.9 (20)	149.9 (17)	57.2	11.6	41	11-Jun	68
CODA	135.5 (19)	135.9 (25)	140.4 (28)	124.5 (42)	61.3	12.4	46	11-Jun	65
RELY	129.0 (20)	128.6 (29)	125.8 (35)	110.9 (45)	58.7	12.1	46	10-Jun	50
EDWIN	122.2 (22)	118.6 (31)	115.3 (37)	79.9 (48)	61.0	12.3	48	9-Jun	92
ARS00235	---	135.3 (26)	136.8 (31)	126.8 (41)	60.3	12.7	49	11-Jun	63
ARS97135-9	---	---	152.7 (10)	169.1 ( 2)	60.1	12.0	42	10-Jun	8
F1182 M1-10	---	---	139.5 (29)	138.1 (27)	56.2	11.6	45	11-Jun	60
ARS97173-16	---	---	131.1 (33)	128.2 (39)	58.1	11.6	43	9-Jun	55
ARS00127	---	---	---	147.5 (19)	61.2	12.3	45	10-Jun	78
ARS96059-1	---	---	---	133.9 (32)	61.4	12.3	49	11-Jun	70
ARS960411-2	---	---	---	129.7 (36)	61.0	11.9	46	9-Jun	60
Mean	140.4	141.5	144.9	140.3	58.9	11.7	43	10-Jun	47
CV%	6.9	7.5	8.2	11.2	1.6	4.3	---	---	---
LSD @ .10	5.0	7.2	9.8	18.4	1.1	0.6	---	---	---

Planted: 1 Oct 04

Harvested: 11 Aug 05

TABLE WA4131. 2005 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT REARDAN, WA.

VARIETY NAME	5 YEAR	3 YEAR	2 YEAR	2005					
	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)	YIELD (BU/A)	TEST WT. (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING %
SOFT WHITE COMMON									
FINCH	112.6 ( 2)	109.8 ( 7)	105.4 (11)	114.4 (10)	61.5	9.0	40	15-Jun	0
ROD	112.3 ( 3)	110.7 ( 4)	106.4 ( 9)	107.8 (25)	59.2	8.8	38	14-Jun	0
ELTAN	111.6 ( 4)	111.1 ( 3)	108.9 ( 5)	114.6 ( 9)	60.1	8.7	41	15-Jun	0
HUBBARD	110.9 ( 5)	109.7 ( 8)	110.4 ( 4)	115.5 ( 8)	59.8	9.2	45	13-Jun	0
ALBION	110.9 ( 6)	112.3 ( 2)	112.8 ( 1)	111.8 (14)	59.6	8.9	37	12-Jun	0
TUBBS	110.3 ( 8)	107.9 (12)	102.1 (19)	94.7 (43)	58.3	8.9	40	12-Jun	0
MJ-4	110.3 ( 9)	109.0 (10)	108.0 ( 7)	110.6 (15)	58.8	9.2	38	15-Jun	0
LAMBERT	108.9 (10)	105.6 (15)	103.2 (16)	110.2 (17)	59.8	9.3	43	11-Jun	3
MJ-9	108.7 (11)	109.8 ( 6)	107.9 ( 8)	105.6 (33)	59.6	9.0	38	13-Jun	0
HILL 81	107.3 (13)	105.4 (16)	103.0 (17)	108.5 (23)	60.8	9.5	42	14-Jun	0
BRUNDAGE 96	105.5 (15)	101.1 (21)	98.9 (26)	107.5 (26)	59.9	9.2	38	12-Jun	0
MOHLER	105.1 (16)	100.6 (23)	95.9 (30)	97.3 (42)	59.6	9.2	40	12-Jun	0
CASHUP	104.8 (18)	102.9 (20)	96.9 (28)	106.0 (31)	60.3	8.9	37	13-Jun	0
MADSEN	103.4 (19)	103.2 (19)	101.5 (21)	104.6 (34)	60.1	9.6	40	14-Jun	0
LEWJAIN	102.7 (20)	99.0 (25)	95.5 (31)	98.4 (40)	60.1	8.9	37	15-Jun	0
STEPHENS	100.2 (21)	98.4 (27)	94.0 (34)	89.9 (46)	59.3	9.9	38	11-Jun	0
MASAMI	---	110.3 ( 5)	108.4 ( 6)	107.2 (28)	59.0	8.9	39	15-Jun	0
WA7934	---	109.4 ( 9)	105.8 (10)	108.2 (24)	60.1	8.6	39	15-Jun	0
WA7935	---	105.2 (17)	100.3 (24)	100.8 (39)	60.3	8.8	38	15-Jun	0
DUNE	---	100.1 (24)	98.4 (27)	105.9 (32)	60.8	8.9	37	12-Jun	0
IDAHO 587	---	98.6 (26)	94.6 (32)	98.1 (41)	59.8	9.7	37	11-Jun	0
SIMON	---	97.6 (29)	96.8 (29)	102.4 (38)	59.6	10.0	40	13-Jun	0
ORCF-101	---	96.1 (30)	94.2 (33)	93.8 (44)	59.0	9.6	39	13-Jun	0
WB 528	---	87.8 (31)	83.6 (37)	73.6 (48)	61.4	10.2	39	10-Jun	20
RJAMES	---	---	111.3 ( 2)	112.3 (12)	58.9	9.2	36	13-Jun	0
GEORGE	---	---	110.6 ( 3)	108.9 (21)	59.3	8.5	42	15-Jun	0
CONCEPT	---	---	101.0 (23)	106.9 (29)	60.4	9.1	36	13-Jun	0
WA7973	---	---	---	120.7 ( 1)	60.5	9.0	40	13-Jun	0
ID620	---	---	---	119.0 ( 2)	60.2	8.7	40	15-Jun	0
WA7974	---	---	---	118.6 ( 4)	59.0	8.5	39	14-Jun	0
ORSS-1757	---	---	---	116.5 ( 6)	59.3	9.0	43	12-Jun	0
WA7970	---	---	---	116.1 ( 7)	60.9	9.3	38	15-Jun	0
WA7972	---	---	---	113.6 (11)	58.1	8.7	43	13-Jun	0
ORCF-102	---	---	---	103.0 (35)	60.1	9.4	42	12-Jun	0
WA7971	---	---	---	102.7 (37)	58.6	8.9	37	15-Jun	0
SOFT WHITE CLUB									
CHUKAR	113.2 ( 1)	113.5 ( 1)	104.8 (13)	110.6 (16)	59.6	8.6	40	15-Jun	0
BRUEHL	110.8 ( 7)	106.9 (14)	104.0 (14)	107.5 (27)	58.5	8.7	40	14-Jun	0
HILLER	107.9 (12)	104.2 (18)	99.6 (25)	103.0 (36)	57.9	8.8	39	14-Jun	0
CODA	106.6 (14)	107.8 (13)	102.7 (18)	106.4 (30)	61.9	9.3	42	14-Jun	0
RELY	104.9 (17)	100.6 (22)	90.7 (36)	92.2 (45)	59.0	8.6	40	14-Jun	0
EDWIN	99.2 (22)	98.4 (28)	93.6 (35)	82.1 (47)	61.6	9.4	45	14-Jun	0
ARS00235	---	108.7 (11)	105.3 (12)	109.7 (19)	61.4	8.9	43	15-Jun	0
ARS97135-9	---	---	103.9 (15)	118.6 ( 5)	59.5	9.1	37	14-Jun	0
ARS97173-16	---	---	101.7 (20)	112.2 (13)	60.1	8.8	38	13-Jun	0
F1182 M1-10	---	---	101.5 (22)	109.9 (18)	58.4	9.4	41	15-Jun	0
ARS96059-1	---	---	---	118.9 ( 3)	62.2	9.1	44	14-Jun	0
ARS00127	---	---	---	109.3 (20)	61.0	8.6	40	14-Jun	0
ARS960411-2	---	---	---	108.6 (22)	60.8	9.0	44	12-Jun	0
Mean	107.6	104.6	101.7	106.6	59.9	9.1	40	13-Jun	0.5
CV%	7.9	9.1	10.1	8.9	0.6	4.3	---	---	---
LSD @ .10	4.4	6.4	8.5	11.1	0.4	0.5	---	---	---

Planted: 24 Sep 04

Harvested: 22 Aug 05

TABLE WA4117. 2005 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT RITZVILLE, WA.

VARIETY NAME	5 YEAR AVERAGE (BU/A)	3 YEAR AVERAGE (BU/A)	2 YEAR AVERAGE (BU/A)	YIELD (BU/A)	TEST WT. (LBS/BU)	2005 PROTEIN (%)	PLANT HT	HEAD DATE
SOFT WHITE COMMON								
FINCH	64.7 (1)	70.5 (1)	68.9 (1)	68.9 (6)	60.8	9.4	33	27-May
TUBBS	63.7 (2)	70.3 (2)	67.1 (3)	72.9 (2)	59.3	9.5	34	24-May
ROD	63.6 (3)	70.0 (3)	64.6 (5)	62.6 (13)	59.4	9.9	30	27-May
MJ-4	60.5 (6)	64.0 (11)	60.5 (14)	58.3 (30)	59.1	10.6	31	27-May
MOHLER	60.2 (7)	63.8 (13)	60.2 (15)	63.2 (11)	60.2	10.0	33	24-May
ELTAN	59.3 (9)	62.5 (20)	59.1 (26)	58.9 (28)	59.9	10.7	32	27-May
MJ-9	59.0 (10)	62.3 (22)	59.2 (25)	61.5 (16)	59.2	10.1	31	25-May
ALBION	58.9 (11)	63.9 (12)	60.9 (12)	62.0 (14)	59.3	10.7	31	25-May
LEWJAIN	58.6 (13)	62.9 (16)	62.2 (9)	59.0 (27)	61.2	9.6	29	27-May
MADSEN	58.6 (14)	62.7 (19)	60.0 (16)	59.8 (23)	60.2	11.4	31	26-May
HUBBARD	58.5 (15)	64.7 (10)	59.4 (24)	59.2 (26)	60.5	9.8	36	24-May
HILL 81	57.3 (17)	62.8 (17)	59.7 (22)	57.9 (31)	60.5	10.1	33	26-May
BRUNDAGE 96	57.3 (18)	62.7 (18)	59.6 (23)	64.9 (9)	59.2	10.1	31	24-May
CASHUP	56.1 (19)	63.0 (14)	59.9 (19)	60.5 (19)	60.4	9.6	30	27-May
LAMBERT	55.7 (20)	60.1 (27)	55.5 (30)	54.7 (40)	59.6	10.5	34	22-May
STEPHENS	54.8 (22)	59.8 (28)	54.8 (32)	51.6 (46)	60.1	10.9	32	22-May
MASAMI	---	69.5 (4)	68.3 (2)	70.2 (4)	59.6	9.6	32	27-May
ORCF-101	---	65.8 (7)	64.2 (6)	65.4 (8)	60.5	10.2	34	23-May
WA7934	---	65.5 (8)	62.0 (10)	64.3 (10)	59.9	9.9	33	27-May
WA7935	---	60.8 (25)	54.8 (33)	55.2 (37)	59.3	9.9	32	28-May
WB 528	---	60.5 (26)	54.8 (31)	49.8 (48)	61.7	11.1	33	23-May
DUNE	---	58.1 (29)	56.1 (29)	59.7 (24)	61.2	10.9	30	22-May
IDAHO 587	---	56.7 (30)	51.0 (37)	51.4 (47)	60.0	10.9	30	24-May
SIMON	---	56.6 (31)	53.2 (35)	56.2 (35)	59.9	11.1	33	24-May
GEORGE	---	---	62.8 (8)	61.1 (17)	58.8	10.0	33	27-May
RJAMES	---	---	60.5 (13)	60.6 (18)	58.9	9.5	30	25-May
CONCEPT	---	---	54.2 (34)	55.9 (36)	60.4	10.0	29	27-May
WA7973	---	---	---	73.6 (1)	60.2	9.8	33	28-May
ORSS-1757	---	---	---	69.5 (5)	60.6	9.7	34	23-May
ORCF-102	---	---	---	67.5 (7)	60.5	9.9	33	24-May
ID620	---	---	---	60.4 (20)	59.8	9.7	32	27-May
WA7974	---	---	---	60.4 (21)	59.0	9.4	31	28-May
WA7972	---	---	---	59.8 (22)	58.3	9.8	34	26-May
WA7971	---	---	---	58.6 (29)	57.7	9.9	30	28-May
WA7970	---	---	---	54.9 (39)	59.7	10.2	31	28-May
SOFT WHITE CLUB								
BRUEHL	63.4 (4)	66.8 (6)	63.5 (7)	62.7 (12)	58.5	10.8	33	27-May
CHUKAR	63.0 (5)	68.1 (5)	65.5 (4)	57.3 (32)	58.0	9.9	32	27-May
CODA	59.5 (8)	65.1 (9)	61.3 (11)	61.6 (15)	61.3	9.6	34	27-May
HILLER	58.7 (12)	62.9 (15)	59.9 (18)	56.4 (34)	57.6	9.8	31	24-May
RELY	58.0 (16)	61.5 (23)	57.5 (28)	53.5 (43)	58.9	9.4	33	25-May
EDWIN	55.3 (21)	61.4 (24)	59.7 (21)	56.4 (33)	60.8	9.9	36	25-May
ARS00235	---	62.4 (21)	58.3 (27)	59.4 (25)	60.3	10.6	35	28-May
F1182 M1-10	---	---	60.0 (17)	55.1 (38)	57.1	10.9	34	28-May
ARS97135-9	---	---	59.9 (20)	54.5 (41)	57.8	10.3	31	27-May
ARS97173-16	---	---	53.0 (36)	53.3 (44)	59.9	10.7	29	25-May
ARS96059-1	---	---	---	70.2 (3)	61.7	10.3	35	25-May
ARS960411-2	---	---	---	54.1 (42)	61.4	10.2	35	24-May
ARS00127	---	---	---	52.3 (45)	60.1	10.4	31	25-May
Mean	59.3	63.5	59.8	59.9	59.8	10.2	32	25-May
CV%	8.1	9.1	10.5	11.7	0.7	5.3	---	---
LSD @ .10	2.5	3.9	5.2	8.2	0.5	0.6	---	---

Planted: 28 Sep 04

Harvested: 21 Jul 05

TABLE WA4154. 2005 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT ST. ANDREWS, WA. (DOUGLAS COUNTY)

VARIETY NAME	5 YEAR	3 YEAR	2 YEAR	2005					
	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)	YIELD (BU/A)	TEST WT. (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING %
SOFT WHITE COMMON									
ROD	69.4 ( 2)	78.0 ( 1)	79.6 ( 4)	93.5 (12)	60.5	8.3	37	2-Jun	0
FINCH	65.7 ( 4)	72.3 (12)	75.3 (12)	100.4 ( 4)	62.2	8.4	40	4-Jun	0
TUBBS	65.5 ( 5)	76.6 ( 3)	78.0 ( 8)	95.0 (11)	60.4	9.3	41	1-Jun	0
MJ-4	65.5 ( 6)	73.3 ( 9)	77.3 (10)	101.5 ( 2)	59.9	9.2	40	4-Jun	0
ELTAN	64.9 ( 7)	73.2 (10)	78.3 ( 6)	87.9 (20)	60.0	8.4	42	3-Jun	0
ALBION	64.6 ( 9)	74.7 ( 6)	77.6 ( 9)	100.4 ( 3)	60.5	10.0	39	2-Jun	0
LEWJAIN	64.5 (11)	70.2 (17)	71.3 (22)	83.2 (34)	61.7	8.1	37	4-Jun	0
MJ-9	64.3 (12)	71.2 (15)	74.5 (15)	95.4 ( 8)	60.5	9.1	38	2-Jun	0
MOHLER	62.8 (14)	69.9 (18)	72.0 (21)	87.3 (22)	61.0	9.0	40	31-May	0
MADSEN	60.2 (16)	69.3 (19)	68.8 (27)	79.8 (38)	61.0	9.3	39	3-Jun	0
BRUNDAGE 96	60.2 (17)	65.6 (24)	64.7 (33)	76.6 (47)	60.3	8.4	37	1-Jun	0
HILL 81	58.4 (18)	64.8 (25)	66.8 (30)	84.1 (31)	61.0	8.8	42	2-Jun	0
HUBBARD	58.0 (19)	64.4 (26)	67.5 (29)	78.5 (44)	61.5	9.1	44	2-Jun	0
CASHUP	57.9 (20)	63.8 (28)	68.9 (25)	83.3 (33)	61.0	8.7	36	2-Jun	0
LAMBERT	57.3 (21)	63.9 (27)	63.8 (35)	78.2 (45)	60.8	9.1	42	30-May	0
STEPHENS	54.5 (22)	63.3 (29)	64.1 (34)	85.8 (25)	61.0	9.8	38	31-May	0
DUNE	---	76.1 ( 4)	75.4 (11)	96.0 ( 7)	61.8	9.1	39	30-May	0
WA7935	---	74.1 ( 8)	75.2 (14)	84.9 (28)	60.8	8.8	41	4-Jun	0
WA7934	---	72.2 (13)	73.8 (18)	84.1 (32)	60.2	7.9	41	3-Jun	0
MASAMI	---	70.7 (16)	75.2 (13)	91.2 (16)	59.8	8.4	40	3-Jun	0
WB 528	---	67.2 (20)	69.5 (24)	87.5 (21)	62.1	9.4	39	31-May	0
SIMON	---	66.3 (22)	66.0 (31)	89.8 (18)	60.7	9.5	41	1-Jun	0
IDAHO 587	---	61.0 (30)	61.1 (36)	85.9 (24)	61.2	9.9	38	31-May	0
RJAMES	---	---	84.2 ( 2)	104.9 ( 1)	59.8	8.6	39	2-Jun	5
GEORGE	---	---	80.4 ( 3)	95.0 (11)	59.6	8.5	41	4-Jun	5
CONCEPT	---	---	67.7 (28)	79.5 (39)	60.5	8.2	35	2-Jun	0
WA7972	---	---	---	92.4 (14)	59.2	8.7	44	2-Jun	0
WA7973	---	---	---	91.2 (15)	60.3	8.3	39	2-Jun	0
WA7974	---	---	---	89.0 (19)	59.4	8.0	38	4-Jun	0
ID620	---	---	---	85.8 (26)	60.5	8.7	41	3-Jun	0
WA7971	---	---	---	85.5 (27)	58.8	8.3	36	5-Jun	0
WA7970	---	---	---	84.4 (30)	61.5	9.5	38	4-Jun	0
ORCF-101	---	---	---	79.0 (41)	60.8	8.8	38	31-May	0
ORSS-1757	---	---	---	78.8 (42)	60.1	8.8	42	1-Jun	0
ORCF-102	---	---	---	76.3 (48)	60.6	8.9	38	1-Jun	0
SOFT WHITE CLUB									
BRUEHL	71.6 ( 1)	77.8 ( 2)	85.1 ( 1)	99.0 ( 5)	58.1	8.7	43	4-Jun	0
EDWIN	65.8 ( 3)	75.3 ( 5)	78.2 ( 7)	81.2 (37)	61.8	9.0	45	2-Jun	0
RELY	64.8 ( 8)	72.6 (11)	69.8 (23)	79.2 (40)	60.0	8.2	43	2-Jun	0
CHUKAR	64.6 (10)	74.7 ( 7)	79.1 ( 5)	98.5 ( 6)	59.5	8.5	40	4-Jun	0
HILLER	63.0 (13)	71.3 (14)	74.3 (17)	86.9 (23)	58.5	8.5	42	2-Jun	0
CODA	61.0 (15)	66.4 (21)	64.9 (32)	78.0 (46)	61.8	9.2	42	2-Jun	0
ARS00235	---	65.7 (23)	68.9 (26)	81.9 (36)	61.1	8.2	44	3-Jun	0
ARS97135-9	---	---	74.4 (16)	95.3 ( 9)	58.6	8.2	38	2-Jun	0
F1182 M1-10	---	---	72.9 (19)	90.2 (17)	58.4	8.9	42	5-Jun	0
ARS97173-16	---	---	72.8 (20)	84.7 (29)	61.2	8.8	38	2-Jun	0
ARS00127	---	---	---	93.5 (13)	61.5	9.5	41	3-Jun	0
ARS96059-1	---	---	---	82.3 (35)	62.6	9.4	44	2-Jun	0
ARS960411-2	---	---	---	78.8 (43)	61.9	9.7	44	1-Jun	0
Mean	62.9	70.2	72.8	87.5	60.6	8.8	40	2-Jun	0.2
CV%	14.3	14.4	15.2	13.8	1.0	8.9	---	---	---
LSD @ .10	4.7	6.9	9.3	14.2	0.7	0.9	---	---	---

Planted: 31 Aug 04  
Harvested: 3 Aug 05

TABLE WA4128. 2005 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT ST. JOHN, WA.

VARIETY NAME	5 YEAR	3 YEAR	2 YEAR	2005					
	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)	YIELD (BU/A)	TEST WT. (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING %
SOFT WHITE COMMON									
HILL 81	136.7 ( 2)	142.7 ( 4)	137.5 ( 4)	110.4 (11)	61.4	10.8	51	5-Jun	80
MJ-9	136.6 ( 3)	142.4 ( 5)	137.8 ( 3)	121.2 ( 3)	58.9	10.4	45	6-Jun	35
TUBBS	135.2 ( 4)	143.0 ( 2)	136.1 ( 7)	104.9 (13)	59.5	9.9	49	5-Jun	80
HUBBARD	135.1 ( 5)	142.3 ( 6)	135.4 (10)	101.6 (16)	60.6	9.8	54	4-Jun	55
FINCH	134.6 ( 6)	141.6 ( 7)	137.1 ( 6)	111.3 ( 9)	61.4	10.2	48	6-Jun	68
ROD	134.0 ( 7)	137.5 (10)	126.1 (17)	89.4 (25)	59.2	9.9	45	5-Jun	89
LAMBERT	133.3 ( 8)	133.9 (15)	122.3 (19)	102.6 (14)	59.8	10.6	49	2-Jun	87
STEPHENS	133.1 ( 9)	142.7 ( 3)	136.1 ( 8)	119.0 ( 4)	60.4	11.2	43	3-Jun	81
MJ-4	133.0 (10)	135.1 (12)	127.3 (14)	98.3 (18)	58.6	9.9	45	7-Jun	16
CASHUP	131.7 (11)	133.2 (17)	126.4 (16)	97.0 (19)	61.2	10.5	44	6-Jun	66
ALBION	130.9 (12)	139.5 ( 8)	135.5 ( 9)	111.2 (10)	58.4	10.3	44	7-Jun	38
MOHLER	126.9 (13)	125.3 (23)	119.2 (23)	76.8 (38)	60.2	11.0	44	4-Jun	89
BRUNDAGE 96	126.8 (15)	129.5 (19)	120.3 (22)	90.8 (24)	59.2	11.3	46	5-Jun	63
MADSEN	126.6 (16)	132.6 (18)	129.7 (12)	112.1 ( 8)	60.4	11.3	45	5-Jun	36
ELTAN	120.3 (20)	121.1 (27)	110.7 (31)	70.5 (40)	59.7	10.0	44	7-Jun	97
LEWJAIN	114.2 (21)	115.2 (30)	103.3 (35)	62.3 (44)	59.1	10.6	44	8-Jun	91
ORCF-101	---	139.0 ( 9)	137.4 ( 5)	123.9 ( 1)	60.4	10.7	45	4-Jun	15
SIMON	---	135.8 (11)	129.7 (13)	116.5 ( 5)	60.5	10.8	49	5-Jun	44
MASAMI	---	134.9 (13)	126.9 (15)	96.2 (20)	59.3	10.5	46	8-Jun	71
IDAHO 587	---	134.5 (14)	130.0 (11)	112.5 ( 7)	60.6	10.9	44	2-Jun	76
DUNE	---	133.7 (16)	122.2 (20)	93.5 (21)	59.1	10.7	45	4-Jun	44
WB 528	---	124.4 (26)	117.7 (24)	80.0 (34)	61.5	11.7	44	2-Jun	71
WA7935	---	120.9 (28)	112.9 (28)	83.3 (31)	59.9	10.2	45	7-Jun	88
WA7934	---	120.6 (29)	110.1 (32)	67.2 (43)	59.4	10.3	45	7-Jun	95
CONCEPT	---	---	124.1 (18)	102.4 (15)	61.0	10.6	45	6-Jun	74
RJAMES	---	---	121.5 (21)	81.8 (32)	58.2	10.2	42	5-Jun	99
GEORGE	---	---	104.4 (34)	60.0 (45)	60.0	10.7	46	6-Jun	94
ORCF-102	---	---	---	101.3 (17)	60.0	10.8	47	5-Jun	68
ORSS-1757	---	---	---	92.2 (22)	59.0	10.3	47	2-Jun	92
WA7970	---	---	---	85.5 (28)	60.8	11.5	46	8-Jun	74
WA7972	---	---	---	85.4 (29)	58.4	10.4	48	4-Jun	92
WA7971	---	---	---	80.4 (33)	58.0	10.5	44	7-Jun	73
WA7973	---	---	---	79.6 (35)	60.5	10.4	46	6-Jun	82
WA7974	---	---	---	68.7 (42)	58.7	10.3	44	6-Jun	88
ID620	---	---	---	58.3 (46)	59.5	10.3	44	6-Jun	97
SOFT WHITE CLUB									
CHUKAR	141.1 ( 1)	147.6 ( 1)	138.4 ( 2)	113.9 ( 6)	60.5	9.6	48	5-Jun	54
HILLER	126.9 (14)	125.4 (22)	109.4 (33)	69.4 (41)	57.7	10.2	47	5-Jun	90
BRUEHL	125.9 (17)	126.9 (21)	116.5 (25)	76.2 (39)	57.5	10.5	46	5-Jun	70
CODA	125.0 (18)	124.4 (25)	115.7 (27)	87.1 (27)	61.6	10.8	49	5-Jun	88
RELY	124.9 (19)	127.9 (20)	116.4 (26)	77.6 (37)	59.9	10.3	49	5-Jun	79
EDWIN	101.7 (22)	95.5 (31)	84.6 (37)	50.6 (48)	61.7	10.5	51	4-Jun	81
ARS00235	---	124.9 (24)	112.8 (29)	84.8 (30)	60.7	11.1	50	6-Jun	80
ARS97135-9	---	---	145.1 ( 1)	122.6 ( 2)	60.5	10.3	47	5-Jun	46
ARS97173-16	---	---	112.2 (30)	79.5 (36)	59.8	10.3	44	5-Jun	74
F1182 M1-10	---	---	96.2 (36)	51.5 (47)	57.0	11.5	45	7-Jun	93
ARS96059-1	---	---	---	107.2 (12)	62.5	10.8	51	5-Jun	71
ARS960411-2	---	---	---	91.6 (23)	60.5	11.5	50	3-Jun	80
ARS00127	---	---	---	88.0 (26)	61.2	10.6	46	6-Jun	78
Mean	128.8	131.4	122.3	90.6	59.9	10.6	46	5-Jun	73
CV%	9.5	10.6	12.8	18.7	1.4	6.0	---	---	---
LSD @ .10	6.4	9.4	13.0	19.9	1.0	0.7	---	---	---

Planted: 24 Sep 04

Harvested: 12 Aug 05



TABLE WA4115. 2005 WSU EXTENSION SOFT WHITE WINTER WHEAT NURSERY AT WALLA WALLA, WA.

VARIETY NAME	5 YEAR	3 YEAR	2 YEAR	2005					
	AVERAGE (BU/A)	AVERAGE (BU/A)	AVERAGE (BU/A)	YIELD (BU/A)	TEST WT. (LBS/BU)	PROTEIN (%)	PLANT HT	HEAD DATE	LODGING %
SOFT WHITE COMMON									
MOHLER	129.2 ( 2)	138.0 ( 5)	141.2 ( 6)	118.1 ( 8)	58.6	8.2	42	20-May	25
ROD	128.7 ( 3)	137.9 ( 6)	142.5 ( 4)	110.8 (17)	58.0	7.9	40	21-May	20
TUBBS	128.4 ( 4)	142.4 ( 2)	147.7 ( 1)	121.5 ( 1)	58.3	8.5	43	19-May	6
MJ-9	126.9 ( 5)	141.4 ( 3)	145.9 ( 2)	120.0 ( 2)	58.0	8.1	40	22-May	3
FINCH	126.4 ( 6)	133.3 (12)	133.6 (18)	113.7 (12)	60.2	8.2	44	22-May	6
HUBBARD	126.1 ( 7)	133.6 (11)	133.3 (19)	95.1 (38)	58.8	8.4	46	20-May	23
STEPHENS	125.0 ( 8)	131.8 (18)	136.8 (11)	112.6 (14)	59.0	8.8	37	18-May	18
LAMBERT	123.2 (10)	134.1 (10)	136.4 (14)	107.8 (22)	58.5	8.2	45	19-May	35
MJ-4	123.0 (11)	135.9 ( 8)	138.1 (10)	119.2 ( 5)	58.3	8.6	40	22-May	0
BRUNDAGE 96	122.1 (13)	133.3 (13)	136.3 (15)	115.5 ( 9)	58.7	8.5	39	20-May	6
ALBION	120.1 (16)	130.2 (19)	129.2 (25)	96.8 (35)	58.1	8.2	38	21-May	6
HILL 81	119.0 (17)	126.6 (27)	128.0 (28)	97.6 (33)	58.9	8.4	44	22-May	20
ELTAN	118.8 (18)	128.6 (23)	131.2 (22)	91.7 (44)	57.5	8.2	43	23-May	44
MADSEN	118.3 (19)	128.9 (22)	130.7 (23)	107.4 (23)	59.4	8.6	40	21-May	6
LEWJAIN	113.5 (20)	121.6 (29)	122.9 (35)	93.4 (40)	58.3	8.5	41	23-May	35
CASHUP	112.2 (21)	120.4 (30)	124.4 (33)	88.3 (46)	59.7	8.4	36	22-May	0
WB 528	---	138.2 ( 4)	142.5 ( 5)	108.8 (20)	59.3	8.4	39	16-May	26
DUNE	---	136.4 ( 7)	136.6 (13)	114.6 (11)	58.9	8.5	40	17-May	18
MASAMI	---	135.4 ( 9)	138.6 ( 9)	115.2 (10)	58.6	8.4	42	22-May	0
SIMON	---	132.1 (16)	133.2 (21)	111.3 (16)	59.0	8.6	42	21-May	6
ORCF-101	---	131.9 (17)	139.4 ( 7)	110.3 (18)	59.1	8.9	40	19-May	0
WA7934	---	129.9 (21)	133.2 (20)	103.0 (26)	58.2	8.3	43	22-May	28
IDAHO 587	---	126.8 (25)	123.1 (34)	97.3 (34)	58.4	9.3	37	19-May	25
WA7935	---	125.8 (28)	127.8 (29)	92.3 (42)	59.2	8.5	43	23-May	10
RJAMES	---	---	135.3 (17)	101.2 (28)	57.4	8.1	38	20-May	49
GEORGE	---	---	126.4 (30)	94.8 (39)	56.7	8.6	43	23-May	63
CONCEPT	---	---	122.2 (36)	91.9 (43)	58.8	8.9	36	22-May	5
ORCF-102	---	---	---	119.3 ( 4)	60.0	8.5	42	20-May	0
WA7971	---	---	---	113.5 (13)	57.0	8.1	40	22-May	5
WA7970	---	---	---	107.9 (21)	60.4	8.9	40	22-May	0
WA7974	---	---	---	106.6 (24)	57.4	7.8	41	22-May	34
ORSS-1757	---	---	---	103.4 (25)	57.4	7.9	41	19-May	45
WA7972	---	---	---	100.3 (30)	56.8	8.6	44	22-May	43
WA7973	---	---	---	96.7 (36)	57.3	8.7	42	21-May	60
ID620	---	---	---	76.0 (47)	57.6	8.5	43	22-May	80
SOFT WHITE CLUB									
CHUKAR	129.9 ( 1)	142.5 ( 1)	144.4 ( 3)	119.8 ( 3)	58.2	7.5	46	22-May	8
RELY	124.5 ( 9)	129.9 (20)	128.3 (27)	89.7 (45)	57.6	8.2	45	22-May	70
CODA	122.8 (12)	132.3 (15)	129.2 (26)	99.3 (31)	60.1	8.6	46	22-May	40
HILLER	120.9 (14)	128.3 (24)	129.9 (24)	99.0 (32)	56.2	8.1	43	22-May	55
BRUEHL	120.3 (15)	126.7 (26)	125.3 (32)	96.6 (37)	55.4	8.6	43	22-May	60
EDWIN	103.7 (22)	106.8 (31)	107.5 (37)	61.4 (48)	59.4	9.5	48	22-May	90
ARS00235	---	132.7 (14)	135.6 (16)	109.3 (19)	60.5	8.5	47	22-May	38
ARS97135-9	---	---	138.9 ( 8)	111.6 (15)	57.9	7.9	45	22-May	5
ARS97173-16	---	---	136.8 (12)	118.7 ( 7)	57.8	8.1	45	20-May	30
F1182 M1-10	---	---	126.3 (31)	92.3 (41)	55.7	8.6	42	23-May	70
ARS96059-1	---	---	---	118.8 ( 6)	60.5	8.6	49	22-May	25
ARS00127	---	---	---	101.2 (27)	59.4	8.4	44	22-May	45
ARS960411-2	---	---	---	100.4 (29)	58.6	8.2	47	20-May	59
Mean	121.9	131.4	132.9	104.0	58.4	8.4	42	21-May	28
CV%	6.9	6.3	6.7	8.3	1.4	4.5	---	---	---
LSD @ .10	4.4	5.6	7.4	10.1	0.9	0.4	---	---	---

Planted: 23 Sep 04  
Harvested: 25 Jul 05