

## U.S. Wheat Associates

### Harvest Report


August 29, 2014

#### Hard Red Winter

The 2014 HRW wheat harvest is virtually complete in every state with the exception of North Dakota (45% complete) and Idaho (85% complete). Widespread rainfall continued this week across the northern half of the US from Washington to North Dakota, slowing harvest of all wheat classes and adding to concerns about possible deterioration of quality. The state of Washington reported that winter wheat planting was in progress in the southern areas of the state while harvest was winding down in the northern areas.

Many of the remaining North Dakota HRW acres may never be harvested due to heavy rain leaving standing water in the fields. The wet weather has severely affected the remaining winter wheat, which has been ripe and ready for harvest for some time. There are numerous reports of wheat producers already making the decision to leave winter wheat in the field until after the spring wheat has been harvested. Hard red spring has been relatively slow to mature this year because of cooler weather and thus so far has been less affected.

While another 43 samples were collected and shipped to the lab this week only 8 samples were added to this week's report. There was very little change in the average data results. Falling number decreased just slightly, and there were no changes in protein, test weight or thousand kernel weight results.


|  | WHEAT DATA |          |            |           |                     |           |        |        | GRADE FACTORS |             |       |      |          |       | <input type="checkbox"/> Final |
|---|------------|----------|------------|-----------|---------------------|-----------|--------|--------|---------------|-------------|-------|------|----------|-------|--------------------------------|
|   | Samples    |          | Moisture % | Protein % | Dry Basis Protein % | Dockage % | TKW gm | FN sec | Grade         | Test Weight |       | FM % | Damage % | S&B % | Defects %                      |
|   | Tested     | Expected |            |           |                     |           |        |        |               | lb/bu       | kg/hl |      |          |       |                                |
| This Week   | 418        | 530      | 11.7       | 13.3      | 15.1                | 0.4       | 30.2   | 387    | 1 HRW         | 60.8        | 79.9  | 0.1  | 0.4      | 0.8   | 1.3                            |
| Last Week   | 410        | 530      | 11.8       | 13.3      | 15.1                | 0.4       | 30.2   | 389    | 1 HRW         | 60.8        | 79.9  | 0.1  | 0.4      | 0.8   | 1.3                            |
| 2013 Final  | 534        | 534      | 10.9       | 13.4      | 15.2                | 0.6       | 26.0   | 421    | 2 HRW         | 59.9        | 78.8  | 0.2  | 0.1      | 1.6   | 2.0                            |

Results shown represent all samples collected through this and last week respectively.

**Legend:** Protein = 12% Moisture Basis; TKW = 1000 Kernel Weight; FN = Falling Number; FM = Foreign Material; S&B = Shrunken and Broken; n/a = not available.

#### Soft Red Winter

The final 2014 SRW weekly harvest report issued on August 8, 2014.

|  | WHEAT DATA |          |            |           |                     |           |        |        | GRADE FACTORS |             |       |      |          |       | <input checked="" type="checkbox"/> Final |
|---|------------|----------|------------|-----------|---------------------|-----------|--------|--------|---------------|-------------|-------|------|----------|-------|---|
|   | Samples    |          | Moisture % | Protein % | Dry Basis Protein % | Dockage % | TKW gm | FN sec | Grade         | Test Weight |       | FM % | Damage % | S&B % | Defects %                                 |
|   | Tested     | Expected |            |           |                     |           |        |        |               | lb/bu       | kg/hl |      |          |       |   |
| 2014 Final  | 527        | 500      | 13.1       | 9.9       | 11.2                | 0.4       | 31.8   | 315    | 2 SRW         | 58.1        | 76.5  | 0.2  | 0.9      | 0.6   | 1.7                                       |
| 2013 Final  | 546        | 546      | 13.3       | 9.8       | 11.2                | 0.5       | 33.5   | 294    | 2 SRW         | 58.0        | 76.4  | 0.1  | 2.4      | 0.5   | 3.0                                       |


Results shown represent all samples collected through this and last week respectively.

**Legend:** Protein = 12% Moisture Basis; TKW = 1000 Kernel Weight; FN = Falling Number; FM = Foreign Material; S&B = Shrunken and Broken; n/a = not available.

#### Hard Red Spring

Harvest progress for the Hard Red Spring wheat growing region has been slow to start due to widespread rainfall over the past 10 days. Heavy rainfall and high humidity halted the small grain harvest in some areas where it had started. Approximately 8% of the spring wheat samples have been collected and analyzed for quality in this report. Average protein content is 13.6%, equivalent to last year's final average of 13.6%. Test weight average is 61.5 lb/bu (80.9 kg/hl), down from last year's final average of 62.3 lb/bu (82.2 kg/hl). Falling number average is over 400 seconds indicating a sound crop at this time.

Average vitreous kernel content is 78%, making the average grade of the spring wheat samples collected so far #1 Dark Northern Spring (DNS).


|  | WHEAT DATA |          |            |           |           |           |        |        | GRADE FACTORS |             |       |      |          |       |           | <input type="checkbox"/> Final |
|---|------------|----------|------------|-----------|-----------|-----------|--------|--------|---------------|-------------|-------|------|----------|-------|-----------|--------------------------------|
|   | Samples    |          | Moisture % | Protein % | Dry Basis |           | TKW gm | FN sec | Grade         | Test Weight |       | FM % | Damage % | S&B % | Defects % | DHV %                          |
|   | Tested     | Expected |            |           | Protein % | Dockage % |        |        |               | lb/bu       | kg/hl |      |          |       |           |                                |
| This Week   | 36         | 442      | 12.6       | 13.6      | 15.5      | 0.4       | 32.0   | 423    | 1 DNS         | 61.5        | 80.9  | 0.0  | 0.7      | 0.9   | 1.6       | 78                             |
| Last Week   |            |          |            |           |           |           |        |        |               |             |       |      |          |       |           |                                |
| 2013 Final  | 443        | 443      | 12.5       | 13.6      | 15.5      | 0.8       | 32.7   | 421    | 1 NS          | 62.3        | 81.9  | 0.0  | 0.2      | 0.8   | 1.0       | 73                             |

Results shown represent all samples collected through this and last week respectively.

**Legend:** Protein = 12% Moisture Basis; TKW = 1000 Kernel Weight; FN = Falling Number; FM = Foreign Material; S&B = Shrunken and Broken; n/a = not available.

### Soft White

This week's 34 SW samples consist of 87% from Washington and 13% from Oregon. This week's weighted averages indicate moisture content remained at 9.1%, test weight remained at 60.5 lb/bu (79.5 kg/hl), protein remained at 10.8%, and other factors stayed very close to last week.


|  | WHEAT DATA |          |            |           |           |           |        |        | GRADE FACTORS |             |       |      |          |       |           | <input type="checkbox"/> Final |
|---|------------|----------|------------|-----------|-----------|-----------|--------|--------|---------------|-------------|-------|------|----------|-------|-----------|--------------------------------|
|   | Samples    |          | Moisture % | Protein % | Dry Basis |           | TKW gm | FN sec | Grade         | Test Weight |       | FM % | Damage % | S&B % | Defects % |                                |
|   | Tested     | Expected |            |           | Protein % | Dockage % |        |        |               | lb/bu       | kg/hl |      |          |       |           |                                |
| This Week   | 279        | 440      | 9.1        | 10.8      | 12.2      | 0.5       | 34.5   | 338    | 1 SW          | 60.5        | 79.6  | 0.1  | 0.0      | 0.6   | 0.7       |                                |
| Last Week   | 245        | 440      | 9.1        | 10.8      | 12.2      | 0.5       | 34.4   | 340    | 1 SW          | 60.5        | 79.6  | 0.0  | 0.0      | 0.6   | 0.7       |                                |
| 2013 Final  | 464        | 464      | 8.9        | 10.1      | 11.4      | 0.5       | 35.5   | 329    | 1 SW          | 60.6        | 79.7  | 0.1  | 0.1      | 0.6   | 0.8       |                                |

Results shown represent all samples collected through this and last week respectively.

**Legend:** Protein = 12% Moisture Basis; TKW = 1000 Kernel Weight; FN = Falling Number; FM = Foreign Material; S&B = Shrunken and Broken; n/a = not available.

### Durum

No Data Available

|  | WHEAT DATA |          |            |           |           |           |        |        | GRADE FACTORS |             |       |      |          |       |           | <input type="checkbox"/> Final |
|---|------------|----------|------------|-----------|-----------|-----------|--------|--------|---------------|-------------|-------|------|----------|-------|-----------|--------------------------------|
|   | Samples    |          | Moisture % | Protein % | Dry Basis |           | TKW gm | FN sec | Grade         | Test Weight |       | FM % | Damage % | S&B % | Defects % | HVAC %                         |
|   | Tested     | Expected |            |           | Protein % | Dockage % |        |        |               | lb/bu       | kg/hl |      |          |       |           |                                |
| This Week   |            |          |            |           |           |           |        |        |               |             |       |      |          |       |           |                                |
| Last Week   |            |          |            |           |           |           |        |        |               |             |       |      |          |       |           |                                |
| 2013 Final  | 98         | 113      | 11.9       | 13.1      | 14.9      | 0.9       | 44.3   | 384    | 1 HAD         | 61.2        | 79.7  | 0.0  | 0.2      | 0.7   | 0.9       | 87.0                           |

Results shown represent all samples collected through this and last week respectively.

**Legend:** Protein = 12% Moisture Basis; TKW = 1000 Kernel Weight; FN = Falling Number; FM = Foreign Material; S&B = Shrunken and Broken; n/a = not available.