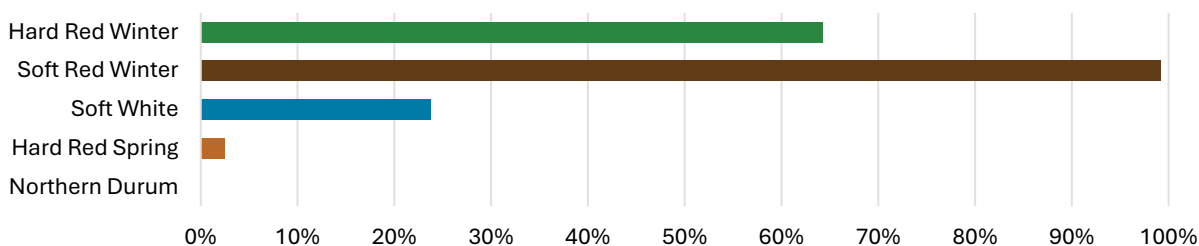


WEEKLY HARVEST REPORT – July 31, 2025

The HRW harvest is gaining momentum in the north and northwest; protein stands at 12.0% (12% mb). SRW composite testing continues with final flour, dough and bake results to come; the final grade average for the 2025 crop is U.S. No. 2 SRW. The SW harvest continues with initial data included in this week’s report. HRS harvest is underway with sample data expected in mid-August. The Northern durum crop is mostly headed out and is turning color.

Estimated Percent of Sample Crop Harvested to Date
(data: NASS Weekly Crop Progress Reports and industry sources)



HARD RED WINTER

- **Crop progress:** HRW harvest continues to advance northward, with 85% of the crop now harvested. Colorado, Wyoming and Nebraska are in the final stages of harvest. In the remaining states, harvest ranges from 15% to 55% complete.
- **Crop conditions:** In Montana and the PNW, winter wheat yields are better than expected considering this year’s drought conditions. Producers are monitoring the effects of recent rainfall on test weights. The recent moisture will be beneficial for winter seeding.
- **Disease/pest pressure:** Producers are closely monitoring isolated reports of disease and pest pressure, including stripe rust, wheat streak mosaic virus and sawfly. Swathing has been reported in areas with high sawfly pressure. Disease pressure remains low in drier areas.
- **Wheat data:** All 434 samples in the lab have been tested for 1000 kernel weight with an unweighted average of 30.6 grams and protein content is 12.0% (12% mb). Of those, the average test weight on 410 samples is 59.8 lb/bu (78.7 kg/hl). Dockage is low at 0.6%. The falling number average is increasing as the harvest progresses to areas less affected by rain during harvest; the current average is 370 seconds. The HRW crop currently grades a U.S. No. 2. Of the composites analyzed so far, there is a larger percentage of large kernels at 73% compared to 67% last year. Kernel hardness is measured at 57.5 and diameter is 2.66 mm. Milling of composite samples will begin next week.
- **Weather:** Temperatures throughout the growing region are hot with chances for precipitation.

| WHEAT DATA | | | | | | | | | GRADE FACTORS | | | | | | |
|-------------------|---------|----------|------------|-----------|---------------------|-----------|--------|--------|---------------|-------------|-------|------|----------|-------|-----------|
| | 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 | 433 | 500 | 11.7 | 12.0 | 13.6 | 0.6 | 30.6 | 370 | 2 HRW | 59.8 | 78.7 | 0.1 | 0.3 | 0.6 | 1.1 |
| Last Week | 410 | 500 | 11.8 | 12.0 | 13.6 | 0.6 | 30.8 | 357 | 2 HRW | 59.8 | 78.7 | 0.1 | 0.3 | 0.6 | 1.1 |
| 2024 Final | 575 | 500 | 10.7 | 11.9 | 13.5 | 0.5 | 30.1 | 358 | 1 HRW | 61.4 | 80.7 | 0.1 | 0.1 | 0.8 | 0.9 |
| 5-year Avg | 493 | 500 | 10.9 | 12.9 | 14.6 | 0.6 | 30.6 | 358 | 1 HRW | 60.4 | 79.5 | 0.1 | 0.5 | 1.0 | 1.7 |

Legend: Protein = 12% Moisture Basis
TKW = 1000 Kernel Weight

FN = Falling Number
FM = Foreign Material

S&B = Shrunken and Broken
n/a = not available

Note: HRW averages in the weekly harvest report are simple averages and have not been weighted for production. Results shown represent tested samples collected to date. Data and commentary are on the following sampled states only: CO, ID, KS, MT, NE, OK, OR, SD, TX, WA, WY. Table data source: Plains Grains, Inc.

SOFT RED WINTER

- **Wheat Data:** Individual kernel testing is now complete on all 219 samples with no change from last week.
- **Flour Data:** Composite analysis continues as current unweighted flour data indicates an average flour protein of 7.8% compared to last year’s 8.0%. Wet gluten is measured at 20.4%, lower than last year’s 22.4%, but similar to the average. Farinograph absorption is 53.4% compared to last year’s 52.5%. For SRC data, lactic acid is 121, sucrose is 106 and sodium carbonate is 76. All flour data is reported on a 14% moisture basis. For end-product data, cookie width/thickness (W/T) is 9.1 compared to last year’s 9.5 and pup loaf volume is 613 cc compared to last year’s 640 cc.

| WHEAT DATA | | | | | | | | | GRADE FACTORS | | | | | | |
|------------|---------|----------|------------|-----------|---------------------|-----------|--------|--------|---------------|-------------|-------|------|----------|-------|-----------|
| | 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 | | | | |
| 2025 Final | 219 | 250 | 12.8 | 9.5 | 10.7 | 0.5 | 32.7 | 298 | 2 SRW | 58.6 | 77.1 | 0.2 | 1.3 | 0.9 | 2.5 |
| 2024 Final | 233 | 250 | 12.9 | 9.8 | 11.1 | 0.3 | 32.7 | 316 | 2 SRW | 59.2 | 78.0 | 0.2 | 0.5 | 0.6 | 1.3 |
| 5-year Avg | 235 | 250 | 13.3 | 9.4 | 10.7 | 0.3 | 35.9 | 320 | 2 SRW | 59.6 | 78.4 | 0.1 | 0.3 | 0.6 | 1.0 |

Note: SRW averages in the weekly harvest report are simple averages and have not been weighted for production. Results shown represent tested samples collected to date. Data and commentary are on the following sampled states only: AL, AR, IL, IN, KY, MD, MO, NC, OH, TN, VA. Table data source: Great Plains Analytical Laboratory.

SOFT WHITE

- **Crop Progress:** SW harvest is picking up speed with the winter crop 35% harvested and spring crop 8%.
- **Crop Conditions:** NASS ratings for the SW winter crop held steady this week at 46% good to excellent. Local reports indicate good winter wheat yields. SW spring crop ratings have decreased to 33% good to excellent and are reflective of prolonged hot, dry weather. Spring planted fields are expected to have lower yields and higher protein due to environmental stresses during grain fill.
- **Wheat Data:** The first 52 samples are in the lab for testing. Early weighted data indicate an average SW crop with a test weight comparable to last year and slightly higher protein. The average kernel size measures 2.56 mm with slightly harder kernels compared to last year. Wheat ash content is 1.36% (14% mb) and wet gluten is 25.1% (14% mb). Flour extraction is 71.2%, similar to last year. SRC profiles fall within typical range for SW. Farinograph results are suitably weak with suitably low water absorption. The current grade is a U.S. No. 1.
- **Disease/Pest Pressure:** There are no major reports of disease or pest pressure.
- **Weather:** Hot and mostly dry weather continues for the PNW.

| WHEAT DATA | | | | | | | | | GRADE FACTORS | | | | | | |
|------------|---------|----------|------------|-----------|---------------------|-----------|--------|--------|---------------|-------------|-------|------|----------|-------|-----------|
| | 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 | 52 | 390 | 9.0 | 10.4 | 11.8 | 0.3 | 30.9 | 325 | 1 SW | 60.6 | 79.8 | 0.0 | 0.0 | 0.8 | 0.8 |
| 2024 Final | 429 | 390 | 9.0 | 9.2 | 10.5 | 0.4 | 35.7 | 339 | 1 SW | 60.9 | 80.0 | 0.1 | 0.0 | 0.5 | 0.6 |
| 5-year Avg | 411 | 390 | 9.2 | 10.3 | 11.6 | 0.5 | 33.8 | 336 | 1 SW | 60.8 | 80.0 | 0.1 | 0.0 | 0.6 | 0.7 |

Note: SW averages in the weekly harvest report are simple averages and have not been weighted for production. Results shown represent tested samples collected to date. Data and commentary are on the following sampled states only: ID, OR, WA. Table data source: Wheat Marketing Center.

HARD RED SPRING

- **Crop Progress:** Harvest is now at 10% complete in South Dakota and just starting in southern areas of North Dakota. Overall crop development is slower than average.
- **Crop conditions:** USDA spring wheat crop condition ratings declined this week in Montana, North Dakota, and South Dakota, but improved in Minnesota. Early reports from South Dakota indicate good quality and yields of 50-60 bu/acre (3.5-4.0 tons/ha). In North Dakota, the crop is reported to be in good condition, though yield potential is lower than previously anticipated. Producers are hoping for drier weather following several weeks of wet and humid conditions. The recent moisture in Montana was welcomed after a dry season, with producers hoping it helps late-planted fields.
- **Disease/pest pressure:** There are isolated reports of disease and pest pressures; producers are monitoring.
- **Weather:** This week’s derecho brought rain, hail and high winds to parts of the HRS growing region. Producers are hoping for drier weather as the crop matures though.

| WHEAT DATA | | | | | | | | GRADE FACTORS | | | | | | | | |
|-------------------|---------|----------|------------|-----------|---------------------|-----------|--------|---------------|-------|-------------|-------|------|----------|-------|-----------|-------|
| | Samples | | Moisture % | Protein % | Dry Basis Protein % | Dockage % | TKW gm | FN sec | Grade | Test Weight | | FM % | Damage % | S&B % | Defects % | DHV % |
| | Tested | Expected | | | | | | | | lb/bu | kg/hl | | | | | |
| 2024 Final | 483 | 450 | 12.2 | 14.1 | 16.0 | 0.6 | 32.0 | 414 | 1 NS | 61.1 | 80.4 | 0.0 | 0.7 | 0.8 | 1.5 | 67 |
| 5-year Avg | 467 | 450 | 12.0 | 14.5 | 16.5 | 0.6 | 31.3 | 371 | 1 NS | 61.4 | 80.8 | 0.0 | 0.3 | 0.9 | 1.2 | 66 |

Note: HRS averages in the weekly harvest report are simple averages and have not been weighted for production. Results shown represent tested samples collected to date. Data and commentary are on the following sampled states only: MN, MT, ND, SD. Table data source: North Dakota State University, Hard Red Spring Wheat Quality Laboratory

NORTHERN DURUM

- **Crop Progress:** Montana’s crop is now 54% headed and 41% turned color, while the North Dakota crop is 95% headed and 56% turned color. Overall, the northern durum crop is progressing at a slower pace compared to last year and the 5-year average.
- **Crop Conditions:** This week’s USDA crop condition ratings for Montana continue to reflect prolonged heat and dryness at 1% good and 43% fair while North Dakota is rated 2% excellent and 66% good.
- **Disease/pest pressure:** No reports of disease or pests.
- **Weather:** Like, HRS, recent moisture should benefit later planted fields; however, drier weather will be welcomed as the crop matures. Forecasts indicate moderate temperatures, high humidity and isolated showers.

| WHEAT DATA | | | | | | | | GRADE FACTORS | | | | | | | | |
|-------------------|---------|----------|------------|-----------|---------------------|-----------|--------|---------------|-------|-------------|-------|------|----------|-------|-----------|--------|
| | Samples | | Moisture % | Protein % | Dry Basis Protein % | Dockage % | TKW gm | FN sec | Grade | Test Weight | | FM % | Damage % | S&B % | Defects % | HVAC % |
| | Tested | Expected | | | | | | | | lb/bu | kg/hl | | | | | |
| 2024 Final | 251 | 130 | 12.2 | 14.3 | 16.3 | 0.8 | 35.3 | 463 | 1 HAD | 60.8 | 79.2 | 0.1 | 0.6 | 0.7 | 1.4 | 83 |
| 5-year Avg | 113 | 123 | 11.2 | 14.1 | 16.0 | 1.0 | 42.7 | 404 | 1 HAD | 61.3 | 79.8 | 0.0 | 0.8 | 0.8 | 1.6 | 83 |

Note: Northern durum averages in the weekly harvest report are simple averages and have not been weighted for production. Results shown represent tested samples collected to date. Data and commentary are on the following sampled states only: ND, MT. Table data source: North Dakota State University, Durum Wheat Quality Laboratory.

Legend:

Protein = 12% Moisture Basis
TKW = 1000 Kernel Weight

FN = Falling Number
FM = Foreign Material

S&B = Shrunken and Broken
n/a = not available

