



2023 PACIFIC NORTHWEST CROP QUALITY REPORT

WEEK 7: September 7, 2023

We received and processed a total of 499 samples by the end of the seventh week reporting period for the 2023 Pacific Northwest wheat harvest.

SAMPLE DISTRIBUTION –

38 wheat samples were received in the seventh week – 22 soft white (SWH), 4 white club (WHCB), 6 hard red winter (HRW), and 6 hard red spring (HRS). 15 samples (39%) were from Districts 6\7, 12 samples (32%) were from District 10, and 11 samples (29%) were from District 8. (Please refer to page 2 - USDA Economic Statistics Districts Map.)

USDA ECONOMIC STATISTICS DISTRICTS (TABLE 1) DATA –

Data remained similar to last week across all wheat classes. Wheat harvest is essentially done in Oregon, but we are still waiting for more samples from Washington and Idaho. There will be one additional weekly report to cover any late harvested samples.

SWH – Average **test weight** was 60.3 lb/bu (79.3 kg/hl), lower than the 5-year average of 61.1 lb/bu (80.3 kg/hl). Average **dockage** was 0.4%. Average **wheat moisture** content was 9.1%, the same as the 5-year average. Average **wheat protein** content (12% mb) was 11.1%, higher than the 5-year average of 10.0%. Average **falling number** value (14% mb) was 336 seconds, higher than the 5-year average of 326 seconds. Average **thousand kernel weight** (14% mb) was 32.4 g, lower than the 5-year average of 34.4 g. Average **kernel size** was 2.61 mm, smaller than the 5-year average of 2.72 mm.

WHCB – Average **test weight** was 60.7 lb/bu (79.9 kg/hl), the same as the 5-year average. Average **wheat protein** content (12% mb) was 10.6%, higher than the 5-year average of 10.0%. Average **falling number** value (14% mb) was 327 seconds, slightly lower than the 5-year average of 331 seconds. Average **thousand kernel weight** (14% mb) was 29.9 g, lower than the 5-year average of 30.7 g. Average **kernel size** was 2.49 mm, smaller than the 5-year average of 2.55 mm.

HRW – Average **test weight** was 61.9 lb/bu, similar to the 5-year average of 61.8 lb/bu. Average **wheat protein** content (12% mb) was 11.6%, the same as the 5-year average. **Thousand kernel weight** (14% mb) was 36.3 g, higher than the 5-year average of 34.5 g. **Kernel size** was 2.83 mm, similar to the 5-year average.

HRS – Average **test weight** was 61.8 lb/bu, slightly lower than the 5-year average of 62.0 lb/bu. Average **wheat protein** content (12% mb) was 14.6%, the same as the 5-year average. **Thousand kernel weight** (14% mb) and **kernel size** were higher than the 5-year averages.

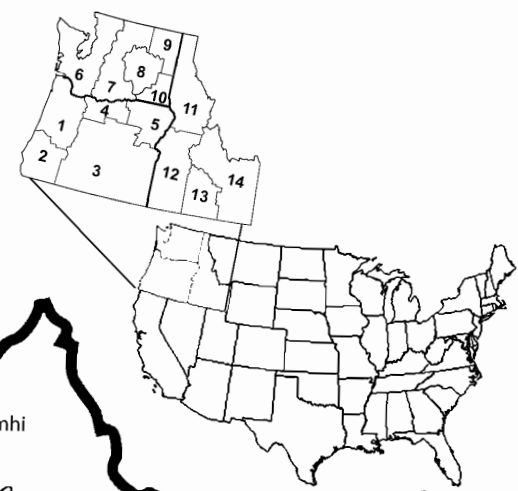
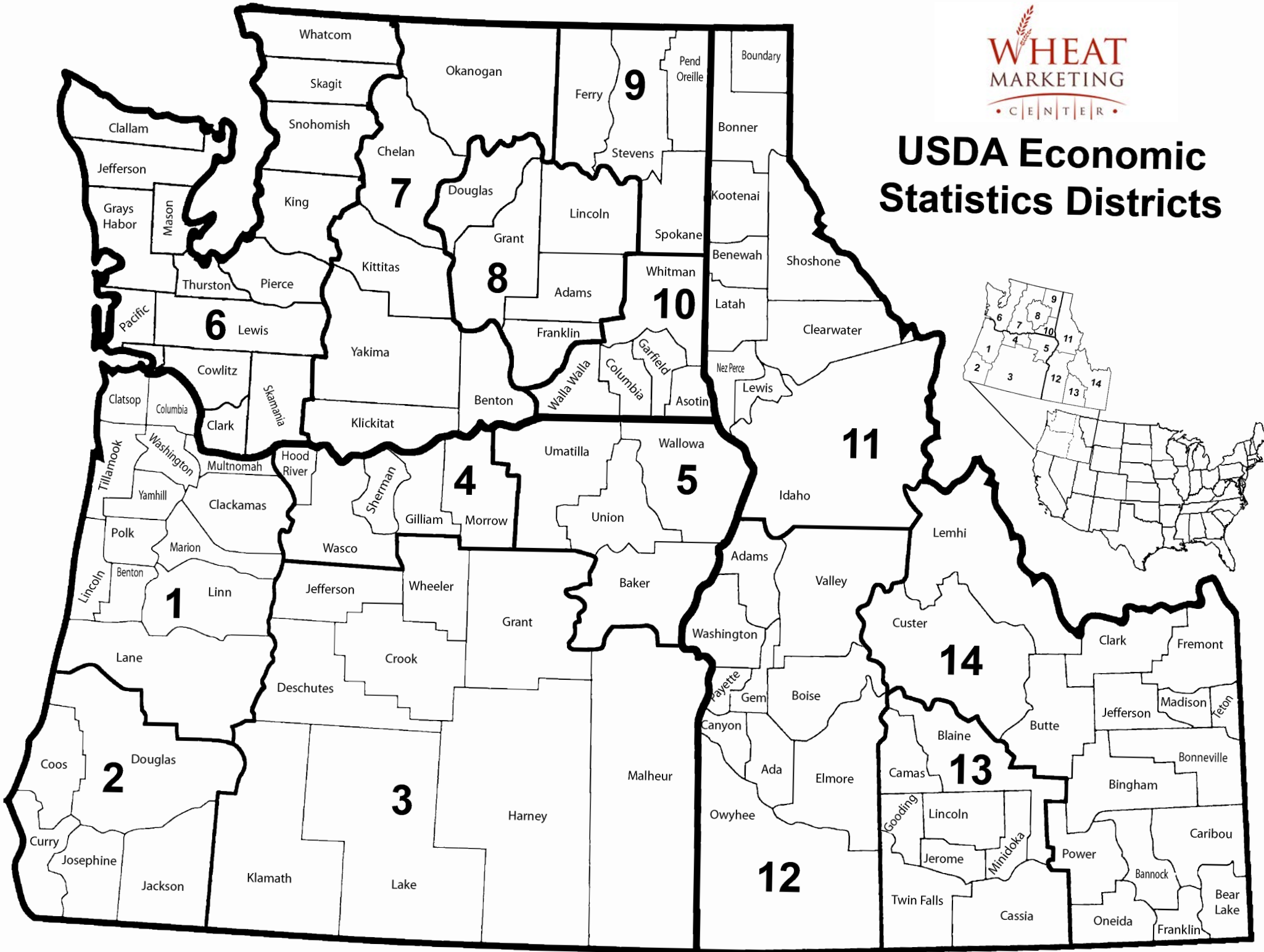
PACIFIC NORTHWEST WHEAT PRODUCTION ZONES (TABLE 2) DATA –

Eighty four percent of this week's samples were from Zone NC, and 16% were from Zone C. (Please refer to page 4 – Pacific Northwest Wheat Production Zones Map.)

SWH – Average **wheat protein content (12% mb)** was highest for Zone C at 12.0% followed by Zone NE at 11.3%, Zone NC at 10.9%, Zone SE at 9.7% and the lowest was for Zone SW at 8.6%.

WHCB – Average **wheat protein content (12% mb)** for Zone NC and Zone C were both at 10.7%, followed by Zone NE at 9.8%.

USDA Economic Statistics Districts





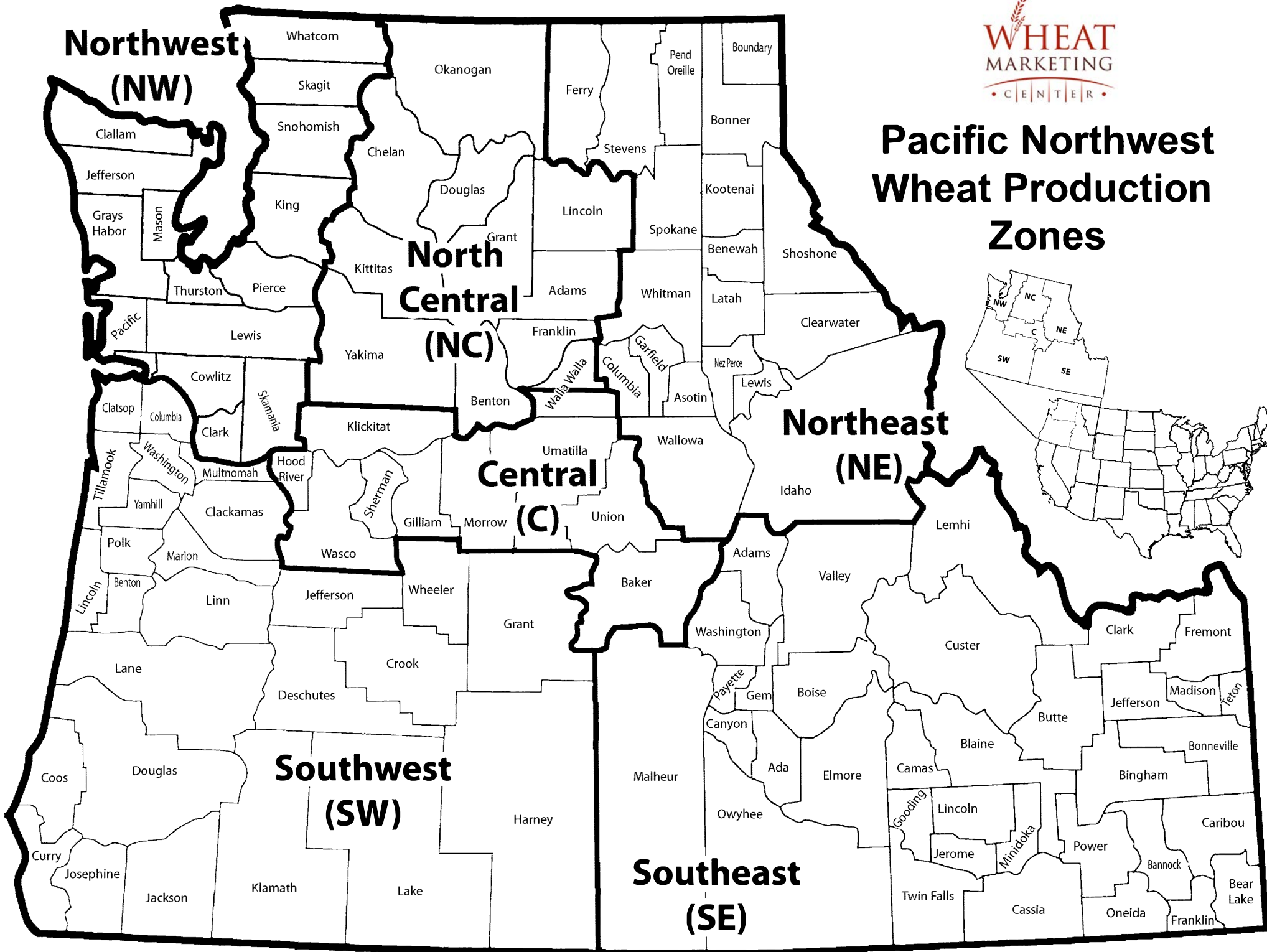
BY USDA ECONOMIC STATISTICS DISTRICTS

Table 1

| 2023 CROP WEEK 7: September 7, 2023 | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|--------------------------|-------------------|--------------------|---------------------|-------------|-----------------|------------------|----------------------|---------------------|-------------------|--------------|--------------------|------|------|---------------------------|------------------------------------|------------------------------|------------------|----------------|-----------------------|
| | | Grading Data | | | | | | | | | Quality Data | | | | | | | | | |
| Class | District | Number of Samples | Test Weight (lbbu) | Test Weight (kg/hl) | Dockage (%) | Heat Damage (%) | Total Damage (%) | Foreign Material (%) | Shrunk & Broken (%) | Total Defects (%) | Moisture (%) | Protein (% 12% mb) | | | Falling Number (s, 14%mb) | Thousand Kernel Weight (g, 14% mb) | Kernel Hardness (-20 to 120) | Kernel Size (mm) | Ash (% 14% mb) | Wet Gluten (% 14% mb) |
| | | | | | | | | | | | | Average | Low | High | | | | | | |
| SWH | 112 | 10 | 61.3 | 80.7 | 0.3 | 0.0 | 0.0 | 0.0 | 0.9 | 0.9 | 10.4 | 8.6 | 8.0 | 10.0 | 333 | 38.2 | 24.4 | 2.79 | 1.36 | 16.4 |
| SWH | 3 | 10 | 61.6 | 81.0 | 0.5 | 0.0 | 0.5 | 0.0 | 0.4 | 0.9 | 8.7 | 10.1 | 9.1 | 10.9 | 283 | 41.3 | 26.1 | 2.90 | 1.62 | 21.5 |
| SWH | 4 | 54 | 59.3 | 78.1 | 0.3 | 0.0 | 0.0 | 0.1 | 0.9 | 1.0 | 8.7 | 12.1 | 10.6 | 15.5 | 344 | 28.0 | 22.2 | 2.49 | 1.38 | 30.6 |
| SWH | 5 | 47 | 59.8 | 78.7 | 0.3 | 0.0 | 0.0 | 0.0 | 1.0 | 1.0 | 8.8 | 11.8 | 10.2 | 14.7 | 341 | 30.0 | 20.9 | 2.54 | 1.43 | 29.4 |
| SWH | 6/7 | 19 | 60.4 | 79.4 | 0.7 | 0.0 | 0.0 | 0.0 | 0.4 | 0.5 | 10.2 | 11.5 | 9.6 | 12.7 | 335 | 35.9 | 20.7 | 2.73 | 1.47 | 27.9 |
| SWH | 8 | 107 | 60.3 | 79.3 | 0.5 | 0.0 | 0.0 | 0.1 | 0.8 | 0.8 | 8.9 | 10.8 | 7.3 | 14.8 | 334 | 32.2 | 20.9 | 2.59 | 1.26 | 25.9 |
| SWH | 10 | 32 | 60.0 | 79.0 | 0.5 | 0.0 | 0.0 | 0.1 | 0.7 | 0.8 | 8.7 | 12.0 | 9.5 | 15.1 | 348 | 31.4 | 18.2 | 2.58 | 1.36 | 29.8 |
| SWH | 11 | 34 | 61.7 | 81.1 | 0.3 | 0.0 | 0.0 | 0.0 | 0.7 | 0.7 | 8.9 | 10.6 | 8.8 | 14.0 | 342 | 32.7 | 23.7 | 2.63 | 1.40 | 23.1 |
| SWH | 12 | 6 | 61.5 | 80.8 | 0.5 | 0.0 | 0.1 | 0.0 | 0.3 | 0.4 | 9.2 | 9.7 | 8.7 | 10.7 | 290 | 43.5 | 20.6 | 2.91 | 1.55 | 21.6 |
| SWH | 13 | 6 | 61.1 | 80.4 | 0.3 | 0.0 | 0.1 | 0.1 | 0.7 | 0.9 | 9.5 | 9.6 | 7.7 | 11.8 | 345 | 41.1 | 26.2 | 2.89 | 1.59 | 9.4 |
| SWH | 14 | 24 | 60.0 | 78.9 | 0.4 | 0.0 | 0.0 | 0.5 | 0.5 | 1.0 | 10.7 | 9.6 | 7.8 | 11.9 | 328 | 34.6 | 21.4 | 2.65 | 1.48 | 17.7 |
| | Crop Year Average | | | | | | | | | | | | | | | | | | | |
| SWH | 2023 | 349 | 60.3 | 79.3 | 0.4 | 0.0 | 0.0 | 0.1 | 0.7 | 0.8 | 9.1 | 11.1 | | | 336 | 32.4 | 21.5 | 2.61 | 1.38 | 26.0 |
| SWH | 2022 | 404 | 61.0 | 80.2 | 0.5 | 0.0 | 0.0 | 0.1 | 0.5 | 0.6 | 8.9 | 9.5 | | | 340 | 34.8 | 28.0 | 2.74 | 1.47 | 20.1 |
| SWH | 5-year average | 416 | 61.1 | 80.3 | 0.5 | 0.0 | 0.0 | 0.0 | 0.6 | 0.7 | 9.1 | 10.0 | | | 326 | 34.4 | 28.7 | 2.72 | 1.40 | 22.8 |
| WHCB | 4 | 2 | 59.8 | 78.6 | 0.7 | 0.0 | 0.1 | 0.1 | 3.0 | 3.1 | 9.2 | 11.7 | 10.6 | 12.7 | 357 | 27.6 | 21.9 | 2.44 | 1.32 | |
| WHCB | 5 | 5 | 61.1 | 80.4 | 0.3 | 0.0 | 0.1 | 0.0 | 1.3 | 1.3 | 8.5 | 10.3 | 8.6 | 11.0 | 309 | 28.6 | 21.7 | 2.42 | 1.27 | |
| WHCB | 6/7 | 2 | 60.2 | 79.1 | 0.7 | 0.0 | 0.0 | 0.3 | 1.6 | 1.9 | 10.3 | 10.8 | 10.5 | 11.0 | 333 | 28.9 | 20.4 | 2.51 | 1.29 | |
| WHCB | 8 | 49 | 60.7 | 79.9 | 0.6 | 0.0 | 0.0 | 0.0 | 1.1 | 1.2 | 8.3 | 10.7 | 8.4 | 13.6 | 324 | 30.4 | 21.7 | 2.49 | 1.24 | |
| WHCB | 10 | 2 | 60.8 | 80.0 | 0.7 | 0.0 | 0.0 | 0.1 | 0.6 | 0.7 | 10.0 | 11.4 | 10.5 | 12.2 | 342 | 29.1 | 19.4 | 2.51 | 1.48 | |
| WHCB | 11 | 5 | 61.0 | 80.2 | 1.0 | 0.0 | 0.0 | 0.0 | 1.4 | 1.4 | 10.1 | 9.8 | 8.5 | 11.7 | 363 | 27.9 | 28.0 | 2.52 | 1.36 | |
| | Crop Year Average | | | | | | | | | | | | | | | | | | | |
| WHCB | 2023 | 65 | 60.7 | 79.9 | 0.6 | 0.0 | 0.0 | 0.0 | 1.2 | 1.3 | 8.6 | 10.6 | | | 327 | 29.9 | 22.1 | 2.49 | 1.26 | |
| WHCB | 2022 | 53 | 60.6 | 79.8 | 0.8 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 7.8 | 10.1 | | | 356 | 30.2 | 31.1 | 2.55 | 1.36 | |
| WHCB | 5-year average | 91 | 60.7 | 79.9 | 0.6 | 0.0 | 0.0 | 0.1 | 1.1 | 1.2 | 8.3 | 10.0 | | | 331 | 30.7 | 30.0 | 2.55 | 1.31 | |
| HRW | 4 | 7 | 62.0 | 81.6 | 0.3 | 0.0 | 0.0 | 0.1 | 0.9 | 1.0 | 8.4 | 12.8 | 11.7 | 14.8 | 350 | 31.9 | 63.0 | 2.69 | 1.47 | 31.1 |
| HRW | 5 | 6 | 60.3 | 79.3 | 0.5 | 0.0 | 0.6 | 0.0 | 1.2 | 1.8 | 9.4 | 12.4 | 11.7 | 13.6 | 358 | 32.9 | 70.3 | 2.73 | 1.47 | 26.4 |
| HRW | 6/7 | 3 | 61.5 | 80.9 | 0.3 | 0.0 | 0.0 | 0.0 | 0.4 | 0.4 | 11.8 | 13.7 | 13.4 | 14.0 | 384 | 36.6 | 58.2 | 2.78 | 1.27 | 34.8 |
| HRW | 8 | 20 | 62.2 | 81.8 | 0.3 | 0.0 | 0.0 | 0.0 | 0.5 | 0.5 | 8.7 | 11.9 | 10.6 | 14.0 | 372 | 38.3 | 59.8 | 2.90 | 1.35 | 26.8 |
| HRW | 11 | 9 | 62.1 | 81.7 | 0.2 | 0.0 | 0.0 | 0.0 | 0.4 | 0.4 | 8.1 | 11.4 | 10.6 | 12.1 | 348 | 35.2 | 66.1 | 2.85 | 1.24 | 23.9 |
| HRW | 12 | 6 | 62.7 | 82.4 | 0.2 | 0.0 | 0.0 | 0.0 | 0.5 | 0.5 | 8.8 | 10.3 | 9.5 | 10.8 | 345 | 40.7 | 62.3 | 3.01 | 1.48 | 19.8 |
| HRW | 13 | 3 | 61.6 | 81.0 | 0.5 | 0.0 | 0.0 | 0.1 | 0.5 | 0.6 | 9.5 | 10.1 | 9.1 | 11.6 | 329 | 42.3 | 59.3 | 3.02 | 1.56 | 18.9 |
| HRW | 14 | 5 | 61.9 | 81.4 | 0.3 | 0.0 | 0.0 | 0.0 | 1.4 | 1.5 | 9.7 | 9.2 | 8.2 | 11.4 | 360 | 31.2 | 57.3 | 2.49 | 1.63 | 16.8 |
| | Crop Year Average | | | | | | | | | | | | | | | | | | | |
| HRW | 2023 | 59 | 61.9 | 81.4 | 0.3 | 0.0 | 0.1 | 0.0 | 0.7 | 0.7 | 8.9 | 11.6 | | | 359 | 36.3 | 62.1 | 2.83 | 1.40 | 25.3 |
| HRW | 2022 | 78 | 61.5 | 80.9 | 0.4 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 8.8 | 11.1 | | | 382 | 33.7 | 66.2 | 2.80 | 1.53 | 24.1 |
| HRW | 5-year average | 87 | 61.8 | 81.2 | 0.3 | 0.0 | 0.0 | 0.0 | 0.6 | 0.7 | 8.9 | 11.6 | | | 367 | 34.5 | 66.5 | 2.82 | 1.42 | 26.3 |
| HRS | 4 | 4 | 61.4 | 80.7 | 0.9 | 0.0 | 0.0 | 0.1 | 0.9 | 1.0 | 9.0 | 14.8 | 14.2 | 15.2 | 398 | 32.6 | 70.8 | 2.82 | 1.62 | 35.7 |
| HRS | 5 | 4 | 63.7 | 83.7 | 0.1 | 0.0 | 0.0 | 0.1 | 0.5 | 0.5 | 9.1 | 14.1 | 13.4 | 14.9 | 335 | 36.0 | 60.7 | 2.88 | 1.56 | 36.0 |
| HRS | 6/7 | 3 | 60.7 | 79.8 | 0.2 | 0.0 | 0.0 | 0.0 | 0.3 | 0.3 | 10.2 | 14.3 | 13.0 | 15.2 | 361 | 35.5 | 59.9 | 2.84 | 1.61 | 34.7 |
| HRS | 8 | 10 | 61.4 | 80.8 | 0.8 | 0.0 | 0.0 | 0.0 | 0.6 | 0.6 | 9.4 | 14.7 | 11.0 | 16.9 | 369 | 33.1 | 62.8 | 2.76 | 1.61 | 36.6 |
| HRS | 11 | 4 | 62.2 | 81.8 | 0.4 | 0.0 | 0.0 | 0.0 | 0.5 | 0.5 | 8.5 | 15.0 | 14.1 | 15.8 | 405 | 28.4 | 76.5 | 2.60 | 1.37 | 36.4 |
| | Crop Year Average | | | | | | | | | | | | | | | | | | | |
| HRS | 2023 | 25 | 61.8 | 81.3 | 0.6 | 0.0 | 0.0 | 0.0 | 0.5 | 0.6 | 9.3 | 14.6 | | | 373 | 33.0 | 65.6 | 2.77 | 1.56 | 36.1 |
| HRS | 2022 | 56 | 61.6 | 81.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.6 | 0.7 | 8.7 | 14.4 | | | 387 | 30.5 | 72.2 | 2.71 | 1.65 | 35.1 |
| HRS | 5-year average | 64 | 62.0 | 81.6 | 0.4 | 0.0 | 0.1 | 0.0 | 0.8 | 0.9 | 9.1 | 14.6 | | | 379 | 30.8 | 71.6 | 2.72 | 1.61 | 36.4 |

* Wet gluten has been discontinued for club wheat

Pacific Northwest Wheat Production Zones





BY PRODUCTION ZONES

Table 2

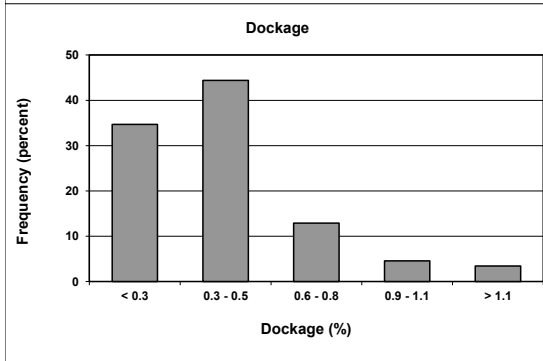
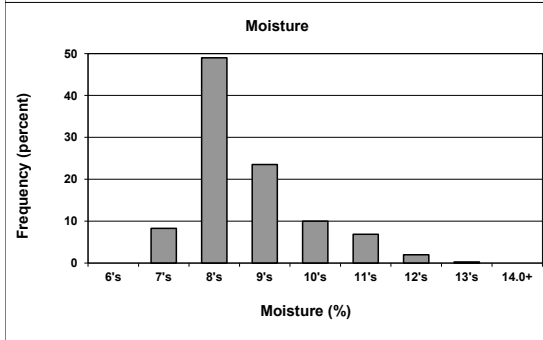
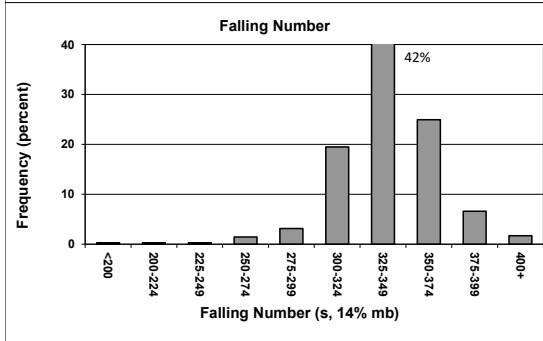
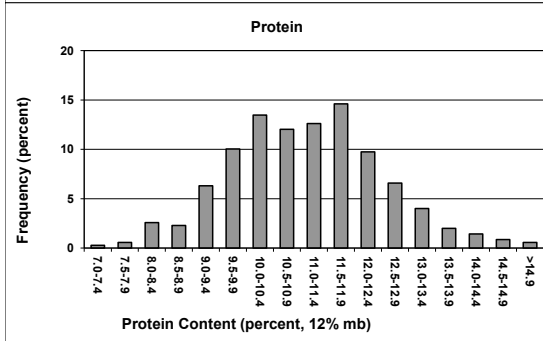
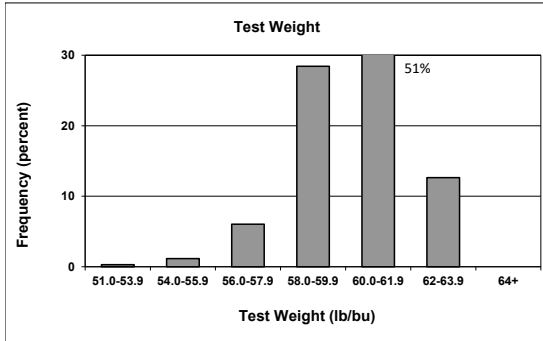
| 2023 CROP WEEK 7: September 7, 2023 | | | | | | | | | | | | | | | | | | | | |
|-------------------------------------|--------------------------|-------------------|---------------------|---------------------|-------------|-----------------|------------------|----------------------|---------------------|-------------------|--------------|--------------------|------|------|---------------------------|------------------------------------|------------------------------|------------------|----------------|-----------------------|
| Grading Data | | | | | | | | | | | Quality Data | | | | | | | | | |
| Class | District | Number of Samples | Test Weight (lb/bu) | Test Weight (kg/ht) | Dockage (%) | Heat Damage (%) | Total Damage (%) | Foreign Material (%) | Shrunk & Broken (%) | Total Defects (%) | Moisture (%) | Protein (% 12% mb) | | | Falling Number (s, 14%mb) | Thousand Kernel Weight (g, 14% mb) | Kernel Hardness (-20 to 120) | Kernel Size (mm) | Ash (% 14% mb) | Wet Gluten (% 14% mb) |
| | | | | | | | | | | | | Average | Low | High | | | | | | |
| SWH | NC | 129 | 60.3 | 79.4 | 0.5 | 0.0 | 0.0 | 0.1 | 0.7 | 0.8 | 9.0 | 10.9 | 7.3 | 14.8 | 338 | 32.8 | 20.4 | 2.62 | 1.30 | 26.2 |
| SWH | NE | 56 | 61.0 | 80.2 | 0.3 | 0.0 | 0.0 | 0.0 | 0.7 | 0.7 | 8.8 | 11.3 | 8.8 | 15.1 | 347 | 31.8 | 22.1 | 2.60 | 1.39 | 25.9 |
| SWH | C | 108 | 59.6 | 78.4 | 0.3 | 0.0 | 0.0 | 0.1 | 0.9 | 1.0 | 8.8 | 12.0 | 10.2 | 15.5 | 342 | 29.1 | 21.5 | 2.52 | 1.40 | 30.1 |
| SWH | SW | 10 | 61.3 | 80.7 | 0.3 | 0.0 | 0.0 | 0.0 | 0.9 | 0.9 | 10.4 | 8.6 | 8.0 | 10.0 | 333 | 38.2 | 24.4 | 2.79 | 1.36 | 16.4 |
| SWH | SE | 46 | 60.7 | 79.8 | 0.4 | 0.0 | 0.1 | 0.3 | 0.5 | 0.8 | 9.9 | 9.7 | 7.7 | 11.9 | 313 | 38.1 | 23.0 | 2.77 | 1.53 | 18.0 |
| | Crop Year Average | | | | | | | | | | | | | | | | | | | |
| SWH | 2023 | 349 | 60.3 | 79.3 | 0.4 | 0.0 | 0.0 | 0.1 | 0.7 | 0.8 | 9.1 | 11.1 | | | 336 | 32.4 | 21.5 | 2.61 | 1.38 | 26.0 |
| SWH | 2022 | 404 | 61.0 | 80.2 | 0.5 | 0.0 | 0.0 | 0.1 | 0.5 | 0.6 | 8.9 | 9.5 | | | 340 | 34.8 | 28.0 | 2.74 | 1.47 | 20.1 |
| SWH | 5-year average | 416 | 61.1 | 80.3 | 0.5 | 0.0 | 0.0 | 0.0 | 0.6 | 0.7 | 9.1 | 10.0 | | | 326 | 34.4 | 28.7 | 2.72 | 1.40 | 22.8 |
| WHCB | NC | 52 | 60.7 | 79.9 | 0.6 | 0.0 | 0.0 | 0.0 | 1.1 | 1.2 | 8.4 | 10.7 | 8.4 | 13.6 | 324 | 30.4 | 21.5 | 2.49 | 1.25 | |
| WHCB | NE | 5 | 61.0 | 80.2 | 1.0 | 0.0 | 0.0 | 0.0 | 1.4 | 1.4 | 10.1 | 9.8 | 8.5 | 11.7 | 363 | 27.9 | 28.0 | 2.52 | 1.36 | |
| WHCB | C | 8 | 60.7 | 79.8 | 0.4 | 0.0 | 0.1 | 0.1 | 1.8 | 1.9 | 8.9 | 10.7 | 8.6 | 12.7 | 324 | 27.8 | 21.9 | 2.42 | 1.29 | |
| | Crop Year Average | | | | | | | | | | | | | | | | | | | |
| WHCB | 2023 | 65 | 60.7 | 79.9 | 0.6 | 0.0 | 0.0 | 0.0 | 1.2 | 1.3 | 8.6 | 10.6 | | | 327 | 29.9 | 22.1 | 2.49 | 1.26 | |
| WHCB | 2022 | 53 | 60.6 | 79.8 | 0.8 | 0.0 | 0.0 | 0.0 | 1.1 | 1.1 | 7.8 | 10.1 | | | 356 | 30.2 | 31.1 | 2.55 | 1.36 | |
| WHCB | 5-year average | 91 | 60.7 | 79.9 | 0.6 | 0.0 | 0.0 | 0.1 | 1.1 | 1.2 | 8.3 | 10.0 | | | 331 | 30.7 | 30.0 | 2.55 | 1.31 | |
| HRW | NC | 22 | 62.2 | 81.7 | 0.3 | 0.0 | 0.0 | 0.0 | 0.4 | 0.5 | 9.0 | 12.1 | 10.6 | 14.0 | 372 | 38.2 | 59.4 | 2.90 | 1.35 | 27.6 |
| HRW | NE | 9 | 62.1 | 81.7 | 0.2 | 0.0 | 0.0 | 0.0 | 0.4 | 0.4 | 8.1 | 11.4 | 10.6 | 12.1 | 348 | 35.2 | 66.1 | 2.85 | 1.24 | 23.9 |
| HRW | C | 14 | 61.2 | 80.5 | 0.4 | 0.0 | 0.2 | 0.1 | 1.0 | 1.3 | 9.0 | 12.7 | 11.7 | 14.8 | 357 | 32.5 | 66.2 | 2.71 | 1.46 | 29.1 |
| HRW | SE | 14 | 62.2 | 81.8 | 0.3 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 9.3 | 9.9 | 8.2 | 11.6 | 346 | 37.7 | 59.9 | 2.82 | 1.55 | 18.6 |
| | Crop Year Average | | | | | | | | | | | | | | | | | | | |
| HRW | 2023 | 59 | 61.9 | 81.4 | 0.3 | 0.0 | 0.1 | 0.0 | 0.7 | 0.7 | 8.9 | 11.6 | | | 359 | 36.3 | 62.1 | 2.83 | 1.40 | 25.3 |
| HRW | 2022 | 78 | 61.5 | 80.9 | 0.4 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 8.8 | 11.1 | | | 382 | 33.7 | 66.2 | 2.80 | 1.53 | 24.1 |
| HRW | 5-year average | 87 | 61.8 | 81.2 | 0.3 | 0.0 | 0.0 | 0.0 | 0.6 | 0.7 | 8.9 | 11.6 | | | 367 | 34.5 | 66.5 | 2.82 | 1.42 | 26.3 |
| HRS | NC | 12 | 61.5 | 80.8 | 0.7 | 0.0 | 0.0 | 0.0 | 0.5 | 0.5 | 9.7 | 14.8 | 11.0 | 16.9 | 367 | 33.8 | 62.3 | 2.78 | 1.61 | 36.7 |
| HRS | NE | 4 | 62.2 | 81.8 | 0.4 | 0.0 | 0.0 | 0.0 | 0.5 | 0.5 | 8.5 | 15.0 | 14.1 | 15.8 | 405 | 28.4 | 76.5 | 2.60 | 1.37 | 36.4 |
| HRS | C | 9 | 62.1 | 81.7 | 0.5 | 0.0 | 0.0 | 0.1 | 0.7 | 0.7 | 9.1 | 14.3 | 13.0 | 15.2 | 364 | 33.9 | 65.2 | 2.84 | 1.59 | 35.2 |
| | Crop Year Average | | | | | | | | | | | | | | | | | | | |
| HRS | 2023 | 25 | 61.8 | 81.3 | 0.6 | 0.0 | 0.0 | 0.0 | 0.5 | 0.6 | 9.3 | 14.6 | | | 373 | 33.0 | 65.6 | 2.77 | 1.56 | 36.1 |
| HRS | 2022 | 56 | 61.6 | 81.0 | 0.4 | 0.0 | 0.0 | 0.0 | 0.6 | 0.7 | 8.7 | 14.4 | | | 387 | 30.5 | 72.2 | 2.71 | 1.65 | 35.1 |
| HRS | 5-year average | 64 | 62.0 | 81.6 | 0.4 | 0.0 | 0.1 | 0.0 | 0.8 | 0.9 | 9.1 | 14.6 | | | 379 | 30.8 | 71.6 | 2.72 | 1.61 | 36.4 |

* Wet gluten has been discontinued for club wheat

Distributions

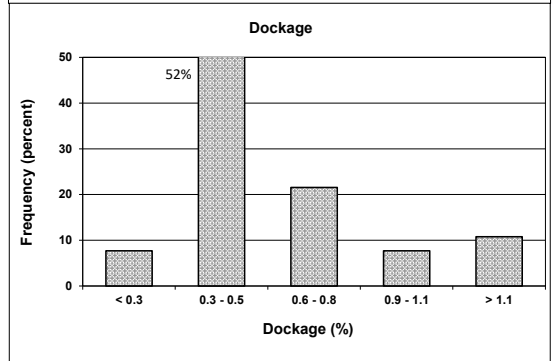
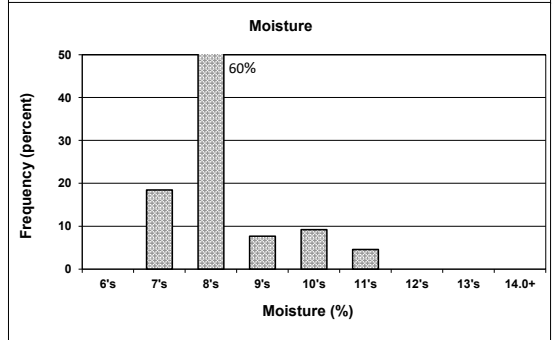
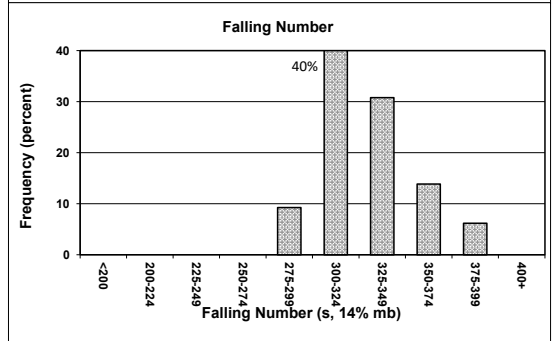
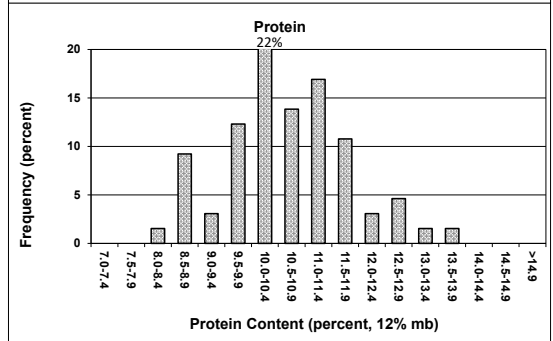
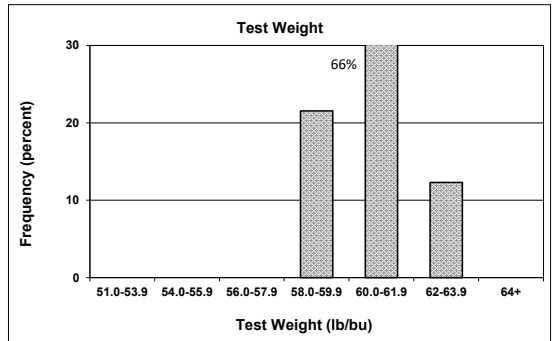
SOFT WHITE WHEAT

349 SAMPLES



WHITE CLUB WHEAT

65 SAMPLES



Prepared by: Wheat Marketing Center, Portland, Oregon