



## 2024 PACIFIC NORTHWEST CROP QUALITY REPORT

WEEK 6: September 5, 2024

We received and processed a total of 612 samples by the end of the sixth week reporting period for the 2024 Pacific Northwest wheat harvest. There will be one additional weekly report to cover any late harvested samples.

### SAMPLE DISTRIBUTION –

66 wheat samples were received in the sixth week – 44 soft white (SWH), 8 white club (WHCB), 5 hard red winter (HRW), and 9 hard red spring (HRS). 43 samples (65%) were from District 8, 12 (18%) were from District 6\7, and less than 10% each were from Districts 4, 5, and 10. (Please refer to page 2 - USDA Economic Statistics Districts Map.)

### USDA ECONOMIC STATISTICS DISTRICTS (TABLE 1) DATA –

**SWH** – Average **test weight** was 60.9 lb/bu (80.1 kg/hl), similar to the 5-year average of 60.8 lb/bu (80.0 kg/hl). Average **dockage** was 0.5%. Average **wheat moisture** content was 9.0%, similar to the 5-year average of 9.2%. Average **wheat protein** content (12% mb) was 9.3%, similar to last week's 9.2% and lower than the 5-year average of 10.3%. Average **falling number** value (14% mb) was 327 seconds, slightly lower than the 5-year average of 330 seconds. Average **thousand kernel weight** (14% mb) was 35.0 g, higher than the 5-year average of 33.8 g. Average **kernel size** was 2.71 mm, slightly larger than the 5-year average of 2.69 mm.

**WHCB** – Average **test weight** was 60.5 lb/bu (79.5 kg/hl), similar to the 5-year average of 60.6 lb/bu (79.8 kg/hl). Average **wheat protein** content (12% mb) was 9.5%, higher than last week's 8.9% and lower than the 5-year average of 10.4%. Average **falling number** value (14% mb) was 332 seconds, similar to the 5-year average of 333 seconds. Average **thousand kernel weight** (14% mb) was 31.2 g, higher than the 5-year average of 30.1 g. Average **kernel size** was 2.60 mm, larger than the 5-year average of 2.52 mm.

**HRW** – Average **test weight** was 61.3 lb/bu (80.7 kg/hl), slightly lower than the 5-year average of 61.6 lb/bu (80.9 kg/hl). Average **wheat protein** content (12% mb) was 10.6%, lower than the 5-year average of 11.7%. **Thousand kernel weight** (14% mb) and **kernel size** were both higher than the 5-year averages.

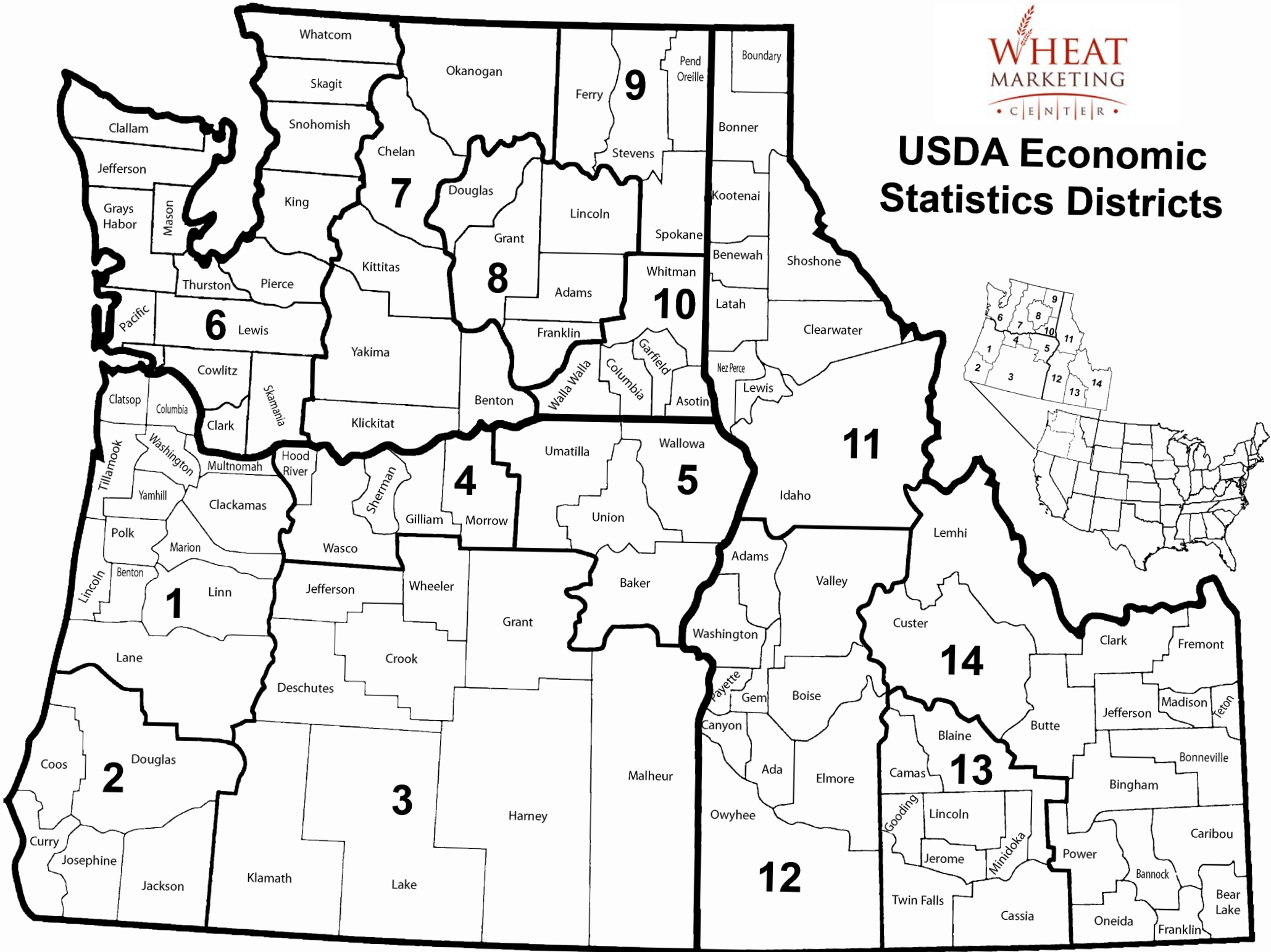
**HRS** – Average **test weight** was 61.3 lb/bu (80.6 kg/hl), lower than the 5-year average of 61.9 lb/bu (81.3 kg/hl). Average **wheat protein** content (12% mb) was 14.3%, lower than the 5-year average of 14.7%. **Thousand kernel weight** (14% mb) and **kernel size** were both higher than the 5-year averages.

### PACIFIC NORTHWEST WHEAT PRODUCTION ZONES (TABLE 2) DATA –

Eighty-three percent of this week's samples were from Zone NC, 11% were from Zone NE and 6% 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 NC at 9.8%, followed by Zone SE at 9.5%, Zone NE at 9.2%, Zone SW at 9.1%, and the lowest was for Zone C at 8.6%.

# USDA Economic Statistics Districts





**BY USDA ECONOMIC STATISTICS DISTRICTS**

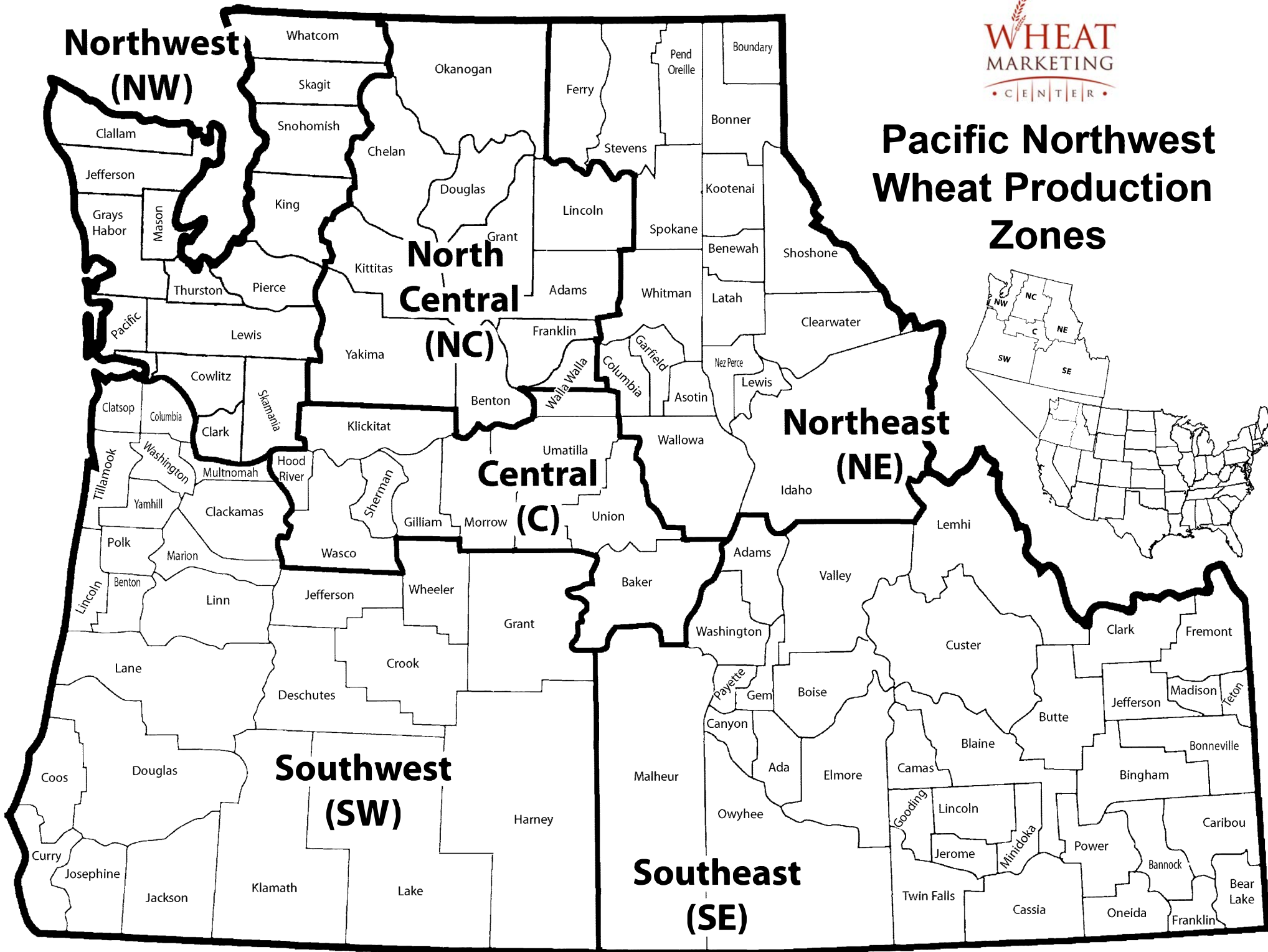
**Table 1**

2024 CROP WEEK 6: September 5, 2024

| Class | District                 | Number of Samples | Grading Data        |                     |             |                 |                  |                      |                     |                   | Quality Data |                    |      |      |                           |                                    |                              |                  |                |                       |
|-------|--------------------------|-------------------|---------------------|---------------------|-------------|-----------------|------------------|----------------------|---------------------|-------------------|--------------|--------------------|------|------|---------------------------|------------------------------------|------------------------------|------------------|----------------|-----------------------|
|       |                          |                   | Test Weight (lb/bu) | 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   | 1 2                      | 9                 | 60.4                | 79.4                | 0.8         | 0.0             | 0.0              | 0.1                  | 0.9                 | 1.0               | 11.0         | 8.4                | 7.9  | 9.7  | 336                       | 39.5                               | 23.9                         | 2.86             | 1.39           | 17.5                  |
| SWH   | 3                        | 6                 | 60.5                | 79.6                | 0.4         | 0.0             | 0.0              | 0.0                  | 0.5                 | 0.5               | 9.1          | 10.1               | 9.2  | 12.1 | 319                       | 38.1                               | 23.8                         | 2.80             | 1.57           | 23.1                  |
| SWH   | 4                        | 47                | 60.3                | 79.3                | 0.5         | 0.0             | 0.0              | 0.0                  | 0.5                 | 0.5               | 8.8          | 8.4                | 6.3  | 11.4 | 300                       | 34.0                               | 18.5                         | 2.70             | 1.31           | 15.7                  |
| SWH   | 5                        | 49                | 61.2                | 80.5                | 0.4         | 0.0             | 0.0              | 0.1                  | 0.5                 | 0.6               | 8.9          | 8.7                | 6.8  | 10.6 | 322                       | 37.1                               | 18.9                         | 2.78             | 1.40           | 17.1                  |
| SWH   | 6 7                      | 23                | 61.1                | 80.4                | 0.6         | 0.0             | 0.0              | 0.0                  | 0.6                 | 0.7               | 8.9          | 9.2                | 7.1  | 11.5 | 320                       | 36.1                               | 27.8                         | 2.75             | 1.28           | 19.3                  |
| SWH   | 8                        | 79                | 60.7                | 79.8                | 0.6         | 0.0             | 0.0              | 0.1                  | 0.7                 | 0.8               | 8.6          | 10.2               | 7.2  | 13.3 | 336                       | 33.5                               | 25.4                         | 2.65             | 1.29           | 25.0                  |
| SWH   | 10                       | 104               | 61.1                | 80.3                | 0.5         | 0.0             | 0.0              | 0.0                  | 0.5                 | 0.5               | 8.2          | 9.2                | 6.6  | 12.7 | 327                       | 33.6                               | 25.1                         | 2.68             | 1.31           | 19.7                  |
| SWH   | 11                       | 61                | 60.3                | 79.4                | 0.5         | 0.0             | 0.0              | 0.0                  | 0.6                 | 0.6               | 9.4          | 9.2                | 6.1  | 13.0 | 344                       | 33.8                               | 19.7                         | 2.67             | 1.38           | 20.0                  |
| SWH   | 12                       | 6                 | 61.2                | 80.4                | 1.1         | 0.0             | 0.0              | 0.0                  | 0.4                 | 0.4               | 10.8         | 9.6                | 8.1  | 10.0 | 314                       | 38.2                               | 17.6                         | 2.83             | 1.56           | 21.7                  |
| SWH   | 13                       | 7                 | 61.6                | 81.1                | 1.1         | 0.0             | 0.1              | 0.0                  | 0.2                 | 0.3               | 11.4         | 10.1               | 9.2  | 10.8 | 312                       | 41.8                               | 21.2                         | 2.90             | 1.56           | 22.8                  |
| SWH   | 14                       | 38                | 61.7                | 81.1                | 0.2         | 0.0             | 0.0              | 0.1                  | 0.4                 | 0.5               | 10.7         | 9.4                | 7.4  | 12.0 | 324                       | 38.8                               | 21.5                         | 2.82             | 1.56           | 18.4                  |
|       | <b>Crop Year Average</b> |                   |                     |                     |             |                 |                  |                      |                     |                   |              |                    |      |      |                           |                                    |                              |                  |                |                       |
| SWH   | <b>2024</b>              | 429               | 60.9                | 80.1                | 0.5         | 0.0             | 0.0              | 0.1                  | 0.5                 | 0.6               | 9.0          | 9.3                |      |      | 327                       | 35.0                               | 22.6                         | 2.71             | 1.36           | 19.9                  |
| SWH   | <b>2023</b>              | 385               | 60.2                | 79.2                | 0.4         | 0.0             | 0.0              | 0.1                  | 0.7                 | 0.8               | 9.1          | 11.0               |      |      | 334                       | 32.5                               | 20.7                         | 2.62             | 1.39           | 25.8                  |
| SWH   | <b>5-year average</b>    | 398               | 60.8                | 80.0                | 0.5         | 0.0             | 0.0              | 0.0                  | 0.6                 | 0.7               | 9.2          | 10.3               |      |      | 330                       | 33.8                               | 27.4                         | 2.69             | 1.41           | 23.9                  |
| WHCB  | 1 2                      | 1                 | 60.3                | 79.3                | 0.5         | 0               | 0                | 0                    | 0.5                 | 0.5               | 8.6          | 6.6                | 6.6  | 6.6  | 332                       | 34.8                               | 19.9                         | 2.71             | 1.35           |                       |
| WHCB  | 4                        | 1                 | 60.4                | 79.5                | 0.8         | 0.0             | 0.0              | 0.4                  | 0.5                 | 0.9               | 7.9          | 6.4                | 6.4  | 6.4  | 286                       | 33.6                               | 18.0                         | 2.66             | 1.21           |                       |
| WHCB  | 5                        | 1                 | 60.6                | 79.7                | 0.9         | 0.0             | 0.0              | 0.1                  | 0.5                 | 0.6               | 8.7          | 7.6                | 7.6  | 7.6  | 302                       | 32.0                               | 23.1                         | 2.59             | 1.35           |                       |
| WHCB  | 8                        | 15                | 60.5                | 79.6                | 1.1         | 0.0             | 0.0              | 0.1                  | 0.9                 | 1.0               | 8.1          | 9.6                | 8.2  | 10.8 | 319                       | 32.2                               | 29.3                         | 2.61             | 1.29           |                       |
| WHCB  | 10                       | 7                 | 60.3                | 79.4                | 1.4         | 0.0             | 0.0              | 0.1                  | 1.4                 | 1.5               | 8.4          | 10.3               | 7.1  | 13.1 | 363                       | 28.0                               | 27.5                         | 2.53             | 1.34           |                       |
| WHCB  | 11                       | 2                 | 60.8                | 80.0                | 0.5         | 0.0             | 0.0              | 0.1                  | 0.7                 | 0.8               | 9.6          | 9.7                | 9.4  | 9.9  | 356                       | 31.4                               | 10.1                         | 2.69             | 1.33           |                       |
|       | <b>Crop Year Average</b> |                   |                     |                     |             |                 |                  |                      |                     |                   |              |                    |      |      |                           |                                    |                              |                  |                |                       |
| WHCB  | <b>2024</b>              | 27                | 60.5                | 79.5                | 1.1         | 0.0             | 0.0              | 0.1                  | 1.0                 | 1.1               | 8.4          | 9.5                |      |      | 332                       | 31.2                               | 26.4                         | 2.60             | 1.31           |                       |
| WHCB  | <b>2023</b>              | 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  | <b>5-year average</b>    | 79                | 60.6                | 79.8                | 0.6         | 0.0             | 0.0              | 0.0                  | 1.2                 | 1.2               | 8.4          | 10.4               |      |      | 333                       | 30.1                               | 28.8                         | 2.52             | 1.31           |                       |
| HRW   | 4                        | 5                 | 62.9                | 82.6                | 0.7         | 0.0             | 0.0              | 0.1                  | 0.4                 | 0.5               | 7.9          | 11.5               | 10.7 | 13.4 | 358                       | 36.1                               | 65.2                         | 2.87             | 1.40           | 27.8                  |
| HRW   | 5                        | 6                 | 61.4                | 80.7                | 0.6         | 0.0             | 0.0              | 0.0                  | 0.9                 | 0.9               | 8.7          | 10.4               | 9.6  | 11.7 | 357                       | 35.2                               | 60.1                         | 2.83             | 1.46           | 22.0                  |
| HRW   | 6 7                      | 8                 | 62.4                | 82.0                | 0.4         | 0.0             | 0.0              | 0.0                  | 0.7                 | 0.7               | 8.7          | 10.5               | 7.9  | 11.8 | 350                       | 40.1                               | 63.8                         | 2.98             | 1.40           | 21.8                  |
| HRW   | 8                        | 16                | 62.0                | 81.5                | 0.4         | 0.0             | 0.0              | 0.0                  | 0.4                 | 0.5               | 8.5          | 11.2               | 9.9  | 13.1 | 376                       | 39.3                               | 61.7                         | 2.95             | 1.34           | 26.2                  |
| HRW   | 10                       | 20                | 60.3                | 79.3                | 0.4         | 0.0             | 0.0              | 0.0                  | 0.7                 | 0.7               | 8.3          | 10.7               | 7.2  | 12.7 | 359                       | 33.6                               | 58.9                         | 2.76             | 1.35           | 20.7                  |
| HRW   | 11                       | 14                | 60.9                | 80.2                | 0.3         | 0.0             | 0.0              | 0.0                  | 0.6                 | 0.6               | 9.7          | 10.3               | 7.5  | 11.6 | 351                       | 37.2                               | 55.0                         | 2.86             | 1.26           | 18.5                  |
| HRW   | 12                       | 5                 | 61.3                | 80.6                | 0.5         | 0.0             | 0.1              | 0.1                  | 0.7                 | 0.8               | 10.4         | 10.5               | 9.0  | 12.2 | 366                       | 36.8                               | 56.3                         | 2.81             | 1.56           | 20.7                  |
| HRW   | 13                       | 2                 | 60.3                | 79.3                | 0.3         | 0.0             | 0.0              | 0.9                  | 0.7                 | 1.6               | 10.0         | 9.9                | 9.6  | 10.1 | 340                       | 37.9                               | 47.3                         | 2.89             | 1.57           | 18.6                  |
| HRW   | 14                       | 8                 | 61.5                | 80.8                | 0.2         | 0.0             | 0.0              | 0.0                  | 0.8                 | 0.8               | 9.6          | 10.1               | 9.2  | 12.5 | 362                       | 34.0                               | 56.5                         | 2.76             | 1.53           | 19.8                  |
|       | <b>Crop Year Average</b> |                   |                     |                     |             |                 |                  |                      |                     |                   |              |                    |      |      |                           |                                    |                              |                  |                |                       |
| HRW   | <b>2024</b>              | 84                | 61.3                | 80.7                | 0.4         | 0.0             | 0.0              | 0.0                  | 0.6                 | 0.7               | 8.9          | 10.6               |      |      | 360                       | 36.5                               | 59.0                         | 2.85             | 1.38           | 21.9                  |
| HRW   | <b>2023</b>              | 73                | 61.7                | 81.1                | 0.3         | 0.0             | 0.1              | 0.0                  | 0.6                 | 0.7               | 9.3          | 11.8               |      |      | 355                       | 36.3                               | 61.0                         | 2.83             | 1.42           | 25.9                  |
| HRW   | <b>5-year average</b>    | 79                | 61.6                | 80.9                | 0.3         | 0.0             | 0.0              | 0.0                  | 0.6                 | 0.7               | 9.1          | 11.7               |      |      | 365                       | 34.4                               | 65.7                         | 2.80             | 1.43           | 26.5                  |
| HRS   | 4                        | 4                 | 61.2                | 80.5                | 0.5         | 0.0             | 0.0              | 0.0                  | 0.5                 | 0.5               | 8.8          | 13.0               | 11.9 | 13.7 | 367                       | 34.0                               | 68.0                         | 2.78             | 1.57           | 28.8                  |
| HRS   | 5                        | 2                 | 61.7                | 81.1                | 0.4         | 0.0             | 1.3              | 0.0                  | 0.3                 | 1.5               | 9.3          | 13.5               | 12.5 | 14.5 | 368                       | 35.3                               | 63.7                         | 2.86             | 1.58           | 34.8                  |
| HRS   | 6 7                      | 4                 | 61.4                | 80.7                | 0.7         | 0.0             | 0.0              | 0.0                  | 0.7                 | 0.7               | 8.4          | 14.8               | 14.4 | 15.2 | 395                       | 33.1                               | 64.5                         | 2.80             | 1.46           | 31.8                  |
| HRS   | 8                        | 16                | 60.7                | 79.8                | 0.7         | 0.0             | 0.0              | 0.0                  | 0.6                 | 0.7               | 9.0          | 14.2               | 11.2 | 17.1 | 362                       | 31.9                               | 67.5                         | 2.73             | 1.62           | 33.6                  |
| HRS   | 10                       | 13                | 60.9                | 80.1                | 1.1         | 0.0             | 0.0              | 0.1                  | 1.2                 | 1.3               | 8.6          | 14.3               | 13.2 | 16.3 | 388                       | 29.3                               | 73.9                         | 2.64             | 1.54           | 35.0                  |
| HRS   | 11                       | 7                 | 61.2                | 80.5                | 0.3         | 0.0             | 0.0              | 0.0                  | 0.7                 | 0.7               | 8.6          | 14.6               | 12.7 | 15.3 | 423                       | 28.3                               | 73.3                         | 2.57             | 1.52           | 34.8                  |
| HRS   | 14                       | 10                | 63.0                | 82.8                | 0.2         | 0.0             | 0.0              | 0.0                  | 0.4                 | 0.4               | 11.0         | 14.5               | 12.7 | 15.3 | 365                       | 36.1                               | 66.0                         | 2.86             | 1.68           | 36.1                  |
|       | <b>Crop Year Average</b> |                   |                     |                     |             |                 |                  |                      |                     |                   |              |                    |      |      |                           |                                    |                              |                  |                |                       |
| HRS   | <b>2024</b>              | 56                | 61.3                | 80.6                | 0.6         | 0.0             | 0.0              | 0.0                  | 0.7                 | 0.8               | 9.2          | 14.3               |      |      | 379                       | 32.0                               | 69.1                         | 2.73             | 1.59           | 34.1                  |
| HRS   | <b>2023</b>              | 36                | 61.7                | 81.2                | 0.5         | 0.0             | 0.0              | 0.0                  | 0.6                 | 0.7               | 9.5          | 14.6               |      |      | 370                       | 32.0                               | 65.9                         | 2.75             | 1.58           | 35.2                  |
| HRS   | <b>5-year average</b>    | 52                | 61.9                | 81.3                | 0.5         | 0.0             | 0.1              | 0.0                  | 0.8                 | 0.9               | 9.3          | 14.7               |      |      | 376                       | 30.8                               | 70.3                         | 2.72             | 1.61           | 36.4                  |

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# Pacific Northwest Wheat Production Zones





**BY PRODUCTION ZONES**

**Table 2**

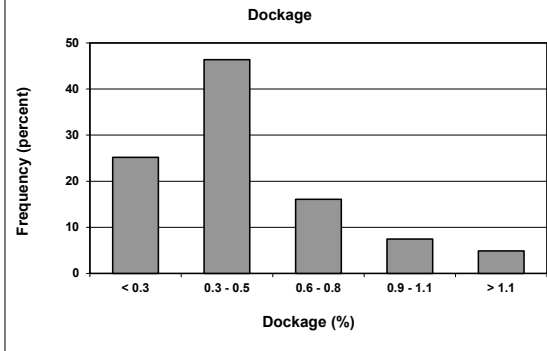
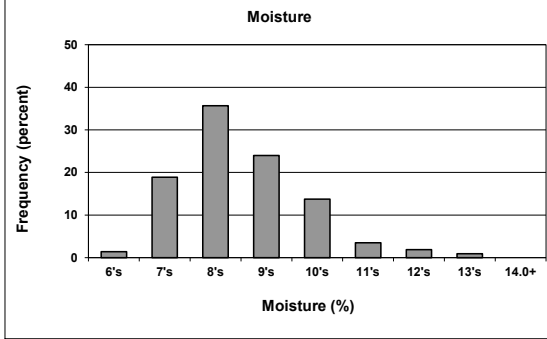
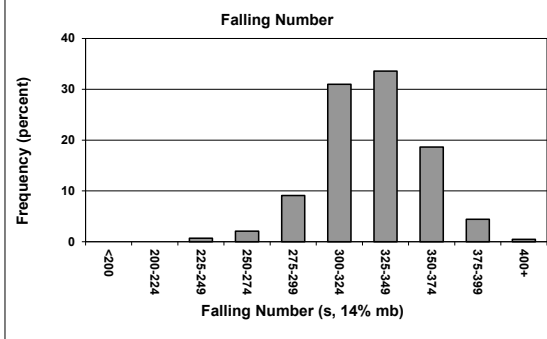
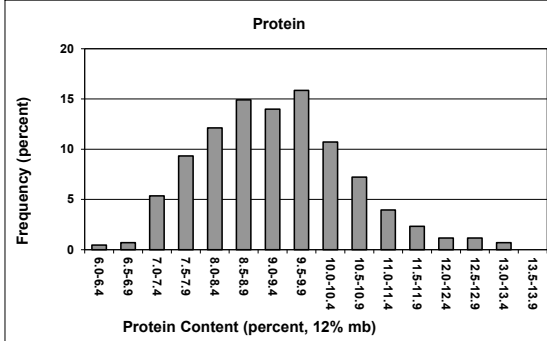
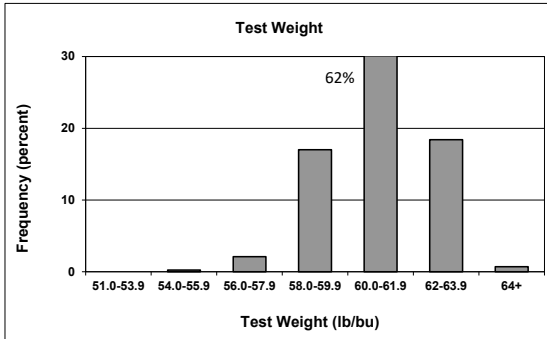
| 2024 CROP WEEK 6: September 5, 2024 |                          |                   |                     |                     |             |                 |                  |                      |                     |                   |              |                    |      |      |                           |                                    |                              |                  |                |                       |
|-------------------------------------|--------------------------|-------------------|---------------------|---------------------|-------------|-----------------|------------------|----------------------|---------------------|-------------------|--------------|--------------------|------|------|---------------------------|------------------------------------|------------------------------|------------------|----------------|-----------------------|
|                                     |                          | 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                       | 123               | 60.9                | 80.1                | 0.5         | 0.0             | 0.0              | 0.1                  | 0.6                 | 0.7               | 8.4          | 9.8                | 6.6  | 13.3 | 334                       | 34.2                               | 25.7                         | 2.68             | 1.30           | 23.2                  |
| SWH                                 | NE                       | 141               | 60.7                | 79.8                | 0.5         | 0.0             | 0.0              | 0.0                  | 0.5                 | 0.6               | 8.8          | 9.2                | 6.1  | 13.0 | 334                       | 33.4                               | 23.0                         | 2.67             | 1.34           | 19.7                  |
| SWH                                 | C                        | 99                | 60.8                | 79.9                | 0.5         | 0.0             | 0.0              | 0.0                  | 0.5                 | 0.6               | 8.9          | 8.6                | 6.3  | 11.4 | 310                       | 35.6                               | 18.7                         | 2.74             | 1.36           | 16.4                  |
| SWH                                 | SW                       | 15                | 60.4                | 79.5                | 0.6         | 0.0             | 0.0              | 0.1                  | 0.7                 | 0.8               | 10.2         | 9.1                | 7.9  | 12.1 | 329                       | 39.0                               | 23.9                         | 2.83             | 1.47           | 19.7                  |
| SWH                                 | SE                       | 51                | 61.6                | 81.0                | 0.4         | 0.0             | 0.0              | 0.1                  | 0.3                 | 0.4               | 10.9         | 9.5                | 7.4  | 12.0 | 320                       | 39.1                               | 21.0                         | 2.83             | 1.56           | 19.4                  |
|                                     | <b>Crop Year Average</b> |                   |                     |                     |             |                 |                  |                      |                     |                   |              |                    |      |      |                           |                                    |                              |                  |                |                       |
| SWH                                 | <b>2024</b>              | 429               | 60.9                | 80.1                | 0.5         | 0.0             | 0.0              | 0.1                  | 0.5                 | 0.6               | 9.0          | 9.3                |      |      | 327                       | 35.0                               | 22.6                         | 2.71             | 1.36           | 19.9                  |
| SWH                                 | <b>2023</b>              | 385               | 60.2                | 79.2                | 0.4         | 0.0             | 0.0              | 0.1                  | 0.7                 | 0.8               | 9.1          | 11.0               |      |      | 334                       | 32.5                               | 20.7                         | 2.62             | 1.39           | 25.8                  |
| SWH                                 | <b>5-year average</b>    | 398               | 60.8                | 80.0                | 0.5         | 0.0             | 0.0              | 0.0                  | 0.6                 | 0.7               | 9.2          | 10.3               |      |      | 330                       | 33.8                               | 27.4                         | 2.69             | 1.41           | 23.9                  |
| WHCB                                | NC                       | 17                | 60.6                | 79.7                | 1.1         | 0.0             | 0.0              | 0.1                  | 0.8                 | 1.0               | 8.1          | 9.3                | 7.1  | 10.8 | 325                       | 32.0                               | 29.7                         | 2.62             | 1.28           |                       |
| WHCB                                | NE                       | 7                 | 60.3                | 79.3                | 1.3         | 0.0             | 0.0              | 0.0                  | 1.5                 | 1.5               | 9.0          | 11.0               | 9.4  | 13.1 | 356                       | 28.2                               | 20.9                         | 2.51             | 1.37           |                       |
| WHCB                                | C                        | 3                 | 60.4                | 79.5                | 0.7         | 0.0             | 0.0              | 0.2                  | 0.5                 | 0.7               | 8.4          | 6.9                | 6.4  | 7.6  | 305                       | 33.5                               | 20.3                         | 2.65             | 1.30           |                       |
|                                     | <b>Crop Year Average</b> |                   |                     |                     |             |                 |                  |                      |                     |                   |              |                    |      |      |                           |                                    |                              |                  |                |                       |
| WHCB                                | <b>2024</b>              | 27                | 60.5                | 79.5                | 1.1         | 0.0             | 0.0              | 0.1                  | 1.0                 | 1.1               | 8.4          | 9.5                |      |      | 332                       | 31.2                               | 26.4                         | 2.60             | 1.31           |                       |
| WHCB                                | <b>2023</b>              | 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                                | <b>5-year average</b>    | 79                | 60.6                | 79.8                | 0.6         | 0.0             | 0.0              | 0.0                  | 1.2                 | 1.2               | 8.4          | 10.4               |      |      | 333                       | 30.1                               | 28.8                         | 2.52             | 1.31           |                       |
| HRW                                 | NC                       | 28                | 61.9                | 81.4                | 0.4         | 0.0             | 0.0              | 0.0                  | 0.5                 | 0.6               | 8.5          | 10.9               | 7.9  | 13.1 | 369                       | 38.9                               | 61.9                         | 2.95             | 1.36           | 24.4                  |
| HRW                                 | NE                       | 30                | 60.5                | 79.6                | 0.4         | 0.0             | 0.0              | 0.0                  | 0.7                 | 0.7               | 9.0          | 10.5               | 7.2  | 12.7 | 353                       | 35.1                               | 57.1                         | 2.80             | 1.31           | 19.5                  |
| HRW                                 | C                        | 11                | 62.0                | 81.6                | 0.6         | 0.0             | 0.0              | 0.0                  | 0.7                 | 0.7               | 8.3          | 10.9               | 9.6  | 13.4 | 357                       | 35.6                               | 62.4                         | 2.85             | 1.44           | 24.7                  |
| HRW                                 | SE                       | 15                | 61.2                | 80.5                | 0.3         | 0.0             | 0.0              | 0.2                  | 0.7                 | 0.9               | 9.9          | 10.2               | 9.0  | 12.5 | 360                       | 35.5                               | 55.2                         | 2.79             | 1.54           | 19.9                  |
|                                     | <b>Crop Year Average</b> |                   |                     |                     |             |                 |                  |                      |                     |                   |              |                    |      |      |                           |                                    |                              |                  |                |                       |
| HRW                                 | <b>2024</b>              | 84                | 61.3                | 80.7                | 0.4         | 0.0             | 0.0              | 0.0                  | 0.6                 | 0.7               | 8.9          | 10.6               |      |      | 360                       | 36.5                               | 59.0                         | 2.85             | 1.38           | 21.9                  |
| HRW                                 | <b>2023</b>              | 73                | 61.7                | 81.1                | 0.3         | 0.0             | 0.1              | 0.0                  | 0.6                 | 0.7               | 9.3          | 11.8               |      |      | 355                       | 36.3                               | 61.0                         | 2.83             | 1.42           | 25.9                  |
| HRW                                 | <b>5-year average</b>    | 79                | 61.6                | 80.9                | 0.3         | 0.0             | 0.0              | 0.0                  | 0.6                 | 0.7               | 9.1          | 11.7               |      |      | 365                       | 34.4                               | 65.7                         | 2.80             | 1.43           | 26.5                  |
| HRS                                 | NC                       | 24                | 61.0                | 80.3                | 0.7         | 0.0             | 0.0              | 0.0                  | 0.7                 | 0.7               | 8.7          | 14.3               | 11.2 | 17.1 | 368                       | 32.7                               | 67.5                         | 2.76             | 1.60           | 33.7                  |
| HRS                                 | NE                       | 16                | 60.7                | 79.9                | 0.9         | 0.0             | 0.0              | 0.1                  | 1.0                 | 1.1               | 8.8          | 14.5               | 12.7 | 16.3 | 408                       | 27.3                               | 74.5                         | 2.56             | 1.52           | 34.7                  |
| HRS                                 | C                        | 6                 | 61.4                | 80.7                | 0.4         | 0.0             | 0.4              | 0.0                  | 0.4                 | 0.8               | 9.0          | 13.2               | 11.9 | 14.5 | 367                       | 34.4                               | 66.6                         | 2.81             | 1.57           | 30.8                  |
| HRS                                 | SE                       | 10                | 63.0                | 82.8                | 0.2         | 0.0             | 0.0              | 0.0                  | 0.4                 | 0.4               | 11.0         | 14.5               | 12.7 | 15.3 | 365                       | 36.1                               | 66.0                         | 2.86             | 1.68           | 36.1                  |
|                                     | <b>Crop Year Average</b> |                   |                     |                     |             |                 |                  |                      |                     |                   |              |                    |      |      |                           |                                    |                              |                  |                |                       |
| HRS                                 | <b>2024</b>              | 56                | 61.3                | 80.6                | 0.6         | 0.0             | 0.0              | 0.0                  | 0.7                 | 0.8               | 9.2          | 14.3               |      |      | 379                       | 32.0                               | 69.1                         | 2.73             | 1.59           | 34.1                  |
| HRS                                 | <b>2023</b>              | 36                | 61.7                | 81.2                | 0.5         | 0.0             | 0.0              | 0.0                  | 0.6                 | 0.7               | 9.5          | 14.6               |      |      | 370                       | 32.0                               | 65.9                         | 2.75             | 1.58           | 35.2                  |
| HRS                                 | <b>5-year average</b>    | 52                | 61.9                | 81.3                | 0.5         | 0.0             | 0.1              | 0.0                  | 0.8                 | 0.9               | 9.3          | 14.7               |      |      | 376                       | 30.8                               | 70.3                         | 2.72             | 1.61           | 36.4                  |

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# Distributions

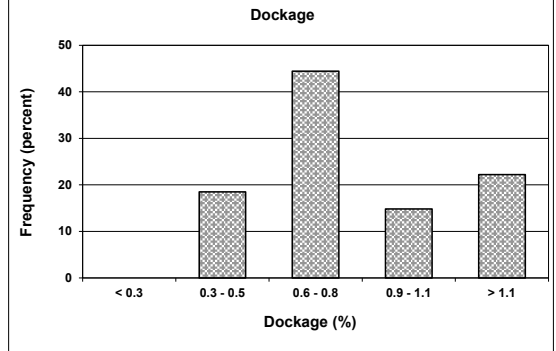
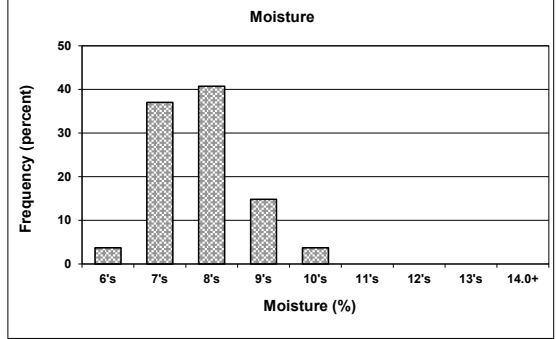
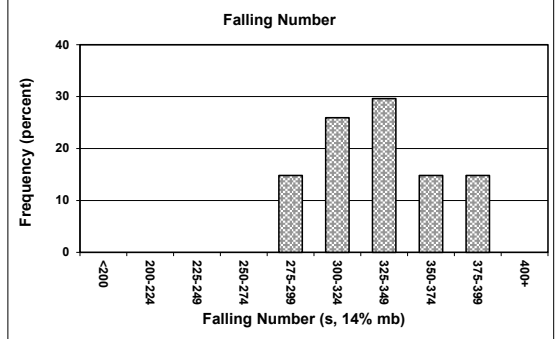
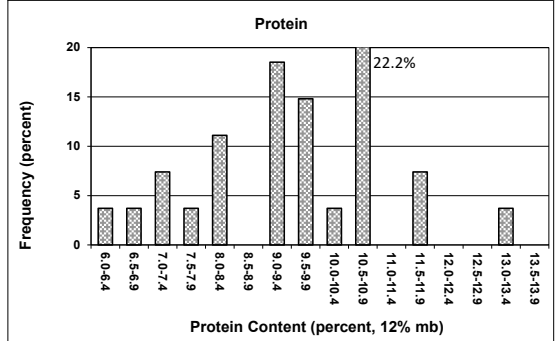
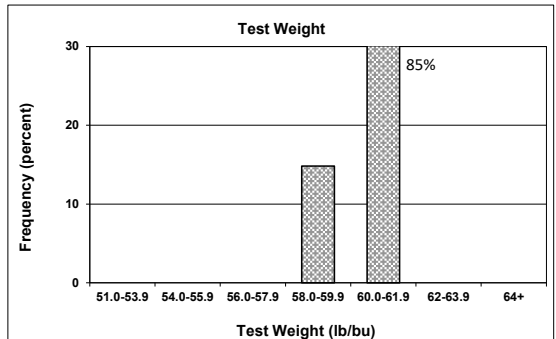
## SOFT WHITE WHEAT

429 SAMPLES



## WHITE CLUB WHEAT

27 SAMPLES



Prepared by: Wheat Marketing Center, Portland, Oregon