



## 2018 OREGON HARD WINTER ELITE YIELD TRIALS

### La Grande (Irrigated)

Site Quality Index† = 3.5

1 = Poor 3 = Average 5 = Excellent

Site Description: Trial had some lodging, and appeared to have no major field effects.



| Entry | Variety                    | Class | Quality <sup>†</sup> | 2018 Yield Data <sup>‡</sup> |      | 2-Year Yield Data |      | 3-Year Yield Data |      |
|-------|----------------------------|-------|----------------------|------------------------------|------|-------------------|------|-------------------|------|
|       |                            |       |                      | Yield<br>bu/ac               | Rank | Yield<br>bu/ac    | Rank | Yield<br>bu/ac    | Rank |
| 7     | NSA 12-2472                | HRW   |                      | 171.1                        | 1    |                   |      |                   |      |
| 3     | LCS Rocket (NSA 10-2196)   | HRW   | D                    | 167.9                        | 2    | 156.9             | 2    | 138.4             | 1    |
| 1     | LCS Evina                  | HRW   | D                    | 162.0                        | 3    | 143.1             | 4    | 125.0             | 4    |
| 2     | LCS Jet                    | HRW   | A                    | 158.9                        | 4    | 157.9             | 1    | 135.6             | 2    |
| 17    | XB 4542 (EXP)              | HRW   |                      | 154.2                        | 5    |                   |      |                   |      |
| 14    | WB 4303                    | HRW   |                      | 152.4                        | 6    |                   |      |                   |      |
| 4     | LCS Aymeric                | HRW   |                      | 152.2                        | 7    | 140.2             | 8    | 129.9             | 3    |
| 21    | WA 8268                    | HRW   |                      | 152.1                        | 8    | 141.5             | 6    |                   |      |
| 29    | OR2110679                  | HWW   |                      | 151.5                        | 9    | 136.3             | 10   | 119.0             | 7    |
| 5     | LCS Zoom (LWW14-73915)     | HRW   |                      | 150.7                        | 10   | 140.3             | 7    |                   |      |
| 30    | OR2130118H                 | HWW   |                      | 150.7                        | 11   | 144.9             | 3    |                   |      |
| 12    | Keldin                     | HRW   | A                    | 150.7                        | 12   | 142.0             | 5    | 124.0             | 5    |
| 6     | LCS Abraham                | HRW   |                      | 150.1                        | 13   |                   |      |                   |      |
| 26    | OR2130021R                 | HRW   |                      | 149.1                        | 14   | 135.0             | 12   |                   |      |
| 22    | WA 8289                    | HRW   |                      | 148.3                        | 15   |                   |      |                   |      |
| 27    | OR2140074R                 | HRW   |                      | 148.2                        | 16   |                   |      |                   |      |
| 16    | OR2120358H                 | HWW   |                      | 147.3                        | 17   |                   |      |                   |      |
| 19    | SY Touchstone (04PN028B-3) | HRW   | LD                   | 147.1                        | 18   | 135.6             | 11   | 123.5             | 6    |
| 8     | Mandala                    | HRW   |                      | 144.1                        | 19   | 132.1             | 15   |                   |      |
| 11    | WB Arrowhead               | HRW   |                      | 143.8                        | 20   | 133.7             | 13   | 116.0             | 9    |
| 15    | WB 4311 (XA 4104)          | HRW   |                      | 141.1                        | 21   | 137.0             | 9    |                   |      |
| 18    | Whetstone                  | HRW   | MD                   | 135.3                        | 22   | 132.9             | 14   | 118.7             | 8    |
| 10    | Rebelde                    | HRW   |                      | 133.9                        | 23   | 130.4             | 16   |                   |      |
| 25    | Langin                     | HRW   |                      | 133.8                        | 24   |                   |      |                   |      |
| 9     | Metropolis                 | HRW   |                      | 128.2                        | 25   | 127.5             | 17   |                   |      |
| 20    | Clearstone CL2             | HRW   |                      | 125.5                        | 26   | 105.8             | 21   | 100.0             | 12   |
| 24    | Brawl CL+                  | HRW   |                      | 124.8                        | 27   | 112.2             | 20   | 104.0             | 11   |
| 28    | Breck (CO12D2011)          | HWW   |                      | 124.1                        | 28   | 120.9             | 18   |                   |      |
| 13    | WB 4623 CLP                | HRW   | MD                   | 122.6                        | 29   | 118.4             | 19   | 104.3             | 10   |
| 23    | YS-401                     | HRW   |                      | 111.8                        | 30   |                   |      |                   |      |
|       | Site Average               |       |                      | 144.5                        |      | 134.5             |      | 119.9             |      |
|       | LSD (0.05)                 |       |                      | 14.3                         |      |                   |      |                   |      |
|       | CV (%)                     |       |                      | 7.0                          |      |                   |      |                   |      |

<sup>†</sup>The Site Quality Index is based on the relative performance of check varieties to historical means and the degree of variability found within the trial.

Site Quality Index Descriptions:

- 1 = Poor; Site highly impacted by unusual environmental conditions making data unpublishable
- 2 = Below Average; Site was impacted by unusual environmental conditions. Variability was high.
- 3 = Average; Site was average with normal/acceptable environmental conditions. Variability was medium.
- 4 = Good; Site was representative of surrounding area with minimal environmental impact. Variability was low to medium.
- 5 = Excellent; Site was highly representative of surrounding area with no environmental impacts. Variability was very low.

<sup>‡</sup>Yield data corrected to 12% moisture; Grain yields shaded in gray are not significantly different from the highest yield at this site.

\* Indicates check variety.

<sup>†</sup>Quality rating based on data from the USDA Western Wheat Quality Laboratory.

Quality Ratings: MD = Most Desirable; D = Desirable; A=Acceptable; LD = Least Desirable; UCS = Unacceptable Except Customer-Specific Uses



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Site Description: Trial had some lodging, and appeared to have no major field effects.

| Entry | Variety                    | Class | Height<br>in | Test Weight<br>lbs/bu | Protein<br>% | Heading Date |
|-------|----------------------------|-------|--------------|-----------------------|--------------|--------------|
| 7     | NSA 12-2472                | HRW   | 39.5         | 62.8                  | 9.6          | 5-25         |
| 3     | LCS Rocket (NSA 10-2196)   | HRW   | 34.5         | 63.0                  | 10.9         | 5-26         |
| 1     | LCS Evina                  | HRW   | 42.0         | 65.1                  | 11.1         | 6-2          |
| 2     | LCS Jet                    | HRW   | 35.3         | 64.3                  | 10.2         | 5-26         |
| 17    | XB 4542 (EXP)              | HRW   | 45.0         | 66.1                  | 10.0         | 5-29         |
| 14    | WB 4303                    | HRW   | 37.5         | 63.0                  | 10.4         | 5-23         |
| 4     | LCS Aymeric                | HRW   | 33.0         | 62.0                  | 9.5          | 5-27         |
| 21    | WA 8268                    | HRW   | 34.8         | 63.8                  | 10.6         | 5-29         |
| 29    | OR2110679                  | HWW   | 38.0         | 64.5                  | 11.3         | 5-29         |
| 5     | LCS Zoom (LWW14-73915)     | HRW   | 36.7         | 63.0                  | 10.8         | 5-24         |
| 30    | OR2130118H                 | HWW   | 36.5         | 65.2                  | 10.2         | 5-28         |
| 12    | Keldin                     | HRW   | 38.8         | 65.3                  | 10.1         | 5-30         |
| 6     | LCS Abraham                | HRW   | 33.7         | 62.8                  | 10.2         | 5-26         |
| 26    | OR2130021R                 | HRW   | 37.5         | 64.8                  | 11.0         | 5-31         |
| 22    | WA 8289                    | HRW   | 33.3         | 63.0                  | 10.0         | 5-29         |
| 27    | OR2140074R                 | HRW   | 37.0         | 63.0                  | 9.9          | 5-30         |
| 16    | OR2120358H                 | HWW   | 38.3         | 64.1                  | 11.0         | 5-29         |
| 19    | SY Touchstone (04PN028B-3) | HRW   | 34.0         | 65.0                  | 10.4         | 5-29         |
| 8     | Mandala                    | HRW   | 42.0         | 65.8                  | 11.1         | 6-1          |
| 11    | WB Arrowhead               | HRW   | 41.8         | 64.7                  | 11.3         | 5-28         |
| 15    | WB 4311 (XA 4104)          | HRW   | 36.5         | 65.5                  | 11.0         | 5-25         |
| 18    | Whetstone                  | HRW   | 40.0         | 65.1                  | 10.0         | 5-24         |
| 10    | Rebelde                    | HRW   | 33.8         | 65.7                  | 12.5         | 5-26         |
| 25    | Langin                     | HRW   | 34.8         | 63.7                  | 11.0         | 5-21         |
| 9     | Metropolis                 | HRW   | 34.7         | 65.2                  | 11.1         | 5-24         |
| 20    | Clearstone CL2             | HRW   | 42.0         | 63.9                  | 10.9         | 5-29         |
| 24    | Brawl CL+                  | HRW   | 38.5         | 65.6                  | 11.1         | 5-21         |
| 28    | Breck (CO12D2011)          | HWW   | 38.3         | 65.6                  | 10.8         | 5-23         |
| 13    | WB 4623 CLP                | HRW   | 39.0         | 65.3                  | 12.1         | 5-28         |
| 23    | YS-401                     | HRW   | 43.3         | 62.2                  | 10.1         | 5-23         |
|       | Site Average               |       | 37.7         | 64.3                  | 10.7         | 5-27         |
|       | LSD (0.05)                 |       | 1.3          | 0.7                   | 1.0          | 1.6          |
|       | CV (%)                     |       | 2.5          | 0.8                   | 6.8          |              |

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