



2019 OREGON HARD WINTER ELITE YIELD TRIALS
Walla Walla (No-Till)



Site Quality Index† = 3

1 = Poor 3 = Average 5 = Excellent

Trial was conducted in collaboration with Washington State University and Northwest Grain Growers

| Entry | Variety | Class | Quality ^a | 2019 Yield Data ² | | 2-Year Yield Data | | 3-Year Yield Data | |
|-------|---------------------------|-------|----------------------|------------------------------|------|-------------------|------|-------------------|------|
| | | | | Yield bu/ac | Rank | Yield bu/ac | Rank | Yield bu/ac | Rank |
| 16 | LCS Evina | HRW | D | 106 | 1 | 121 | 1 | 127 | 1 |
| 15 | LGWF15-2112 | HRW | | 103 | 2 | | | | |
| 11 | WA 8309 | HRW | | 103 | 3 | | | | |
| 4 | LCS Jet | HRW | A | 100 | 4 | 111 | 4 | 125 | 2 |
| 18 | LWH16-10541 | HRW | | 100 | 5 | | | | |
| 5 | LCS Rocket | HRW | D | 99 | 6 | 119 | 2 | 124 | 3 |
| 10 | WA 8289 | HRW | | 98 | 7 | 115 | 3 | | |
| 6 | LGWF15-2213 | HRW | | 98 | 8 | | | | |
| 25 | OR2160011R | HRW | | 95 | 9 | | | | |
| 9 | Scorpio (WA 8268) | HRW | | 94 | 10 | 104 | 6 | 119 | 5 |
| 19 | UI Bronze Jade (IDO 1706) | HRW | | 94 | 11 | | | | |
| 8 | SY Touchstone | HRW | LD | 94 | 12 | 101 | 8 | 116 | 6 |
| 23 | OR2150169R | HRW | | 94 | 13 | | | | |
| 14 | LCS Aymeric | HRW | | 92 | 14 | 109 | 5 | 122 | 4 |
| 2 | IDO1608 | HRW | | 92 | 15 | | | | |
| 24 | OR2160008R | HRW | | 92 | 16 | | | | |
| 27 | OR2160089R | HRW | | 91 | 17 | | | | |
| 26 | OR2160065H | HWW | | 89 | 18 | | | | |
| 3 | Keldin | HRW | A | 88 | 19 | 100 | 9 | 106 | 9 |
| 21 | Millie (OR2130118H) | HWW | | 88 | 20 | 97 | 12 | | |
| 1 | AP Redeye (05PN044-20) | HRW | | 88 | 21 | | | | |
| 20 | Irv (OR2110679) | HWW | | 87 | 22 | 98 | 10 | | |
| 17 | LCS Zoom (LWW14-73915) | HRW | | 87 | 23 | 98 | 11 | 108 | 8 |
| 12 | WB4303 | HRW | | 84 | 24 | 104 | 7 | 110 | 7 |
| 28 | WB4394 | HRW | | 84 | 25 | | | | |
| 7 | SY Clearstone CL2 | HRW | | 82 | 26 | | | | |
| 29 | WB4623CLP | HRW | MD | 80 | 27 | | | | |
| 13 | WB4311 | HRW | | 68 | 28 | 87 | 13 | 101 | 10 |
| 30 | Brawl CL+ | HRW | | 64 | 29 | | | | |
| | Site Average | | | 91 | | 105 | | 116 | |
| | LSD (0.05) | | | 10 | | | | | |
| | CV (%) | | | 8 | | | | | |

†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.

•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.

•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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| Entry | Variety | Class | Height in | Test Weight lbs/bu | Protein % |
|-------|---------------------------|-------|--------------|-----------------------|--------------|
| 16 | LCS Evina | HRW | 43 | 62.9 | 13.0 |
| 15 | LGWF15-2112 | HRW | 37 | 63.2 | 11.9 |
| 11 | WA 8309 | HRW | 36 | 62.0 | 11.0 |
| 4 | LCS Jet | HRW | 36 | 63.1 | 12.1 |
| 18 | LWH16-10541 | HRW | 40 | 62.6 | 11.6 |
| 5 | LCS Rocket | HRW | 36 | 64.2 | 12.2 |
| 10 | WA 8289 | HRW | 32 | 61.5 | 10.8 |
| 6 | LGWF15-2213 | HRW | 40 | 63.9 | 12.8 |
| 25 | OR2160011R | HRW | 36 | 63.8 | 11.6 |
| 9 | Scorpio (WA 8268) | HRW | 37 | 64.0 | 12.5 |
| 19 | UI Bronze Jade (IDO 1706) | HRW | 37 | 61.5 | 12.3 |
| 8 | SY Touchstone | HRW | 37 | 62.7 | 12.5 |
| 23 | OR2150169R | HRW | 43 | 64.2 | 12.5 |
| 14 | LCS Aymeric | HRW | 45 | 62.9 | 12.3 |
| 2 | IDO1608 | HRW | 40 | 63.5 | 13.9 |
| 24 | OR2160008R | HRW | 34 | 63.2 | 13.2 |
| 27 | OR2160089R | HRW | 38 | 64.0 | 13.5 |
| 26 | OR2160065H | HWV | 35 | 62.4 | 12.4 |
| 3 | Keldin | HRW | 32 | 61.7 | 12.4 |
| 21 | Millie (OR2130118H) | HWV | 37 | 62.0 | 11.4 |
| 1 | AP Redeye (05PN044-20) | HRW | 36 | 62.3 | 11.0 |
| 20 | Irv (OR2110679) | HWV | 36 | 62.9 | 12.4 |
| 17 | LCS Zoom (LWW14-73915) | HRW | 36 | 62.3 | 12.4 |
| 12 | WB4303 | HRW | 36 | 62.4 | 11.5 |
| 28 | WB4394 | HRW | 38 | 61.6 | 12.0 |
| 7 | SY Clearstone CL2 | HRW | 44 | 62.1 | 13.0 |
| 29 | WB4623CLP | HRW | 33 | 62.4 | 12.2 |
| 13 | WB4311 | HRW | 36 | 63.2 | 11.8 |
| 30 | Brawl CL+ | HRW | 38 | 63.2 | 12.5 |
| | Site Average | | 37 | 62.9 | 12.2 |
| | LSD (0.05) | | 2 | 0.5 | 0.5 |
| | CV (%) | | 4 | 0.5 | 2.9 |

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