



2016 Oregon Clearfield Winter Elite Yield Trials - Disease Notes



| Entry | Variety | Class | Stripe Rust | Stripe Rust | Septoria | Septoria | Barley Yellow Dwarf Virus |
|-------|----------------|-------|-----------------------|-----------------|------------|-------------------------|---------------------------|
| | | | Hermiston (Irrigated) | Pendleton-Ruggs | Corvallis | South Willamette Valley | Corvallis |
| | | | 5/26/2016 | 5/23/2016 | 6/24/2016 | 5/17/2016 | 5/13/2016 |
| | | | % Severity | % Severity | % Severity | % Severity | % Flag Leaf Severity |
| 1 | BOBTAIL* | SWW | 2.5 | 0.0 | 29.3 | 30.0 | 11.3 |
| 2 | LCS ARTDECO* | SWW | 37.5 | 35.0 | Not Tested | 33.8 | Not Tested |
| 3 | WB 1529* | SWW | 6.3 | 38.8 | Not Tested | 20.0 | Not Tested |
| 4 | SY OVATION* | SWW | 15.0 | 43.8 | Not Tested | 52.5 | Not Tested |
| 6 | ORCF-101 | SWW | 5.0 | 23.8 | 62.5 | 38.8 | 19.3 |
| 7 | ORCF-102 | SWW | 43.8 | 56.3 | 59.8 | 35.0 | 7.5 |
| 8 | ORCF-103 | SWW | 97.5 | 50.0 | 63.0 | 38.8 | 16.3 |
| 9 | UI MAGIC CL+ | SWW | 82.5 | 40.0 | 44.3 | 23.8 | 8.0 |
| 10 | UI CASTLE CL+ | SWW | 13.8 | 26.3 | 31.5 | 21.3 | 8.0 |
| 11 | UI PALOUSE CL+ | SWW | 47.5 | 31.3 | 73.8 | 50.0 | 12.5 |
| 12 | CURIOSITY CL+ | SWW | 92.5 | 42.5 | 39.0 | 35.0 | 20.0 |
| 13 | MELA CL+ | SWW | 80.0 | 31.3 | 48.3 | 35.0 | 32.5 |
| 14 | WA 8235 | SWW | 0.0 | 0.5 | 65.8 | 47.5 | 11.3 |
| 15 | WB 1376 CLP | SWW | 0.5 | 0.5 | 31.8 | 26.3 | 8.0 |
| | Site Average | | 36.5 | 30.2 | 49.9 | 34.8 | 14.0 |
| | LSD (0.05) | | 15.1 | 15.0 | 13.3 | 6.5 | 15.0 |
| | CV (%) | | 28.9 | 35.0 | 18.5 | 13.1 | 73.8 |

* Indicates check variety



2016 Oregon Clearfield Winter Elite Yield Trials - Disease Notes



| Entry | Variety | Class | Cephalosporium Stripe | Fusarium Crown Rot (Innoculated) | Fusarium Crown Rot (Natural) | Strawbreaker Foot Rot <i>Pseudocercospora</i> |
|-------|----------------|-------|--|-----------------------------------|--|---|
| | | | Pendleton 6/13/2016 % Whiteheads | Moro 6/22/2016 % Whiteheads | Moro-Kaseberg 6/16/2016 % Whiteheads | Corvallis 6/24/2016 % Lodging |
| 1 | BOBTAIL* | SWW | 7.8 | 6.3 | 5.5 | 84.0 |
| 2 | LCS ARTDECO* | SWW | Not Tested | Not Tested | 3.5 | Not Tested |
| 3 | WB 1529* | SWW | Not Tested | Not Tested | 5.3 | Not Tested |
| 4 | SY OVATION* | SWW | Not Tested | Not Tested | 7.0 | Not Tested |
| 6 | ORCF-101 | SWW | 30.8 | 22.5 | 7.0 | 98.3 |
| 7 | ORCF-102 | SWW | 15.8 | 23.0 | 5.5 | 85.0 |
| 8 | ORCF-103 | SWW | 12.5 | 8.0 | 2.0 | 98.3 |
| 9 | UI MAGIC CL+ | SWW | 24.5 | 24.3 | 3.0 | 96.3 |
| 10 | UI CASTLE CL+ | SWW | 24.3 | 16.8 | 11.3 | 99.7 |
| 11 | UI PALOUSE CL+ | SWW | 14.5 | 15.5 | 3.0 | 93.3 |
| 12 | CURIOSITY CL+ | SWW | 3.5 | 10.0 | 5.8 | 100.0 |
| 13 | MELA CL+ | SWW | 7.5 | 14.3 | 6.5 | 100.0 |
| 14 | WA 8235 | SWW | 20.3 | 18.8 | 5.0 | 77.0 |
| 15 | WB 1376 CLP | SWW | 17.0 | 11.3 | 3.3 | 82.3 |
| | Site Average | | 16.2 | 15.5 | 5.3 | 91.8 |
| | LSD (0.05) | | 10.2 | 9.8 | 3.8 | NS |
| | CV (%) | | 43.8 | 43.9 | 51.2 | 15.1 |

* Indicates check variety