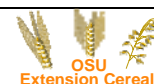


2011 Oregon Soft Winter Elite Yield Trials - Disease Notes



| Entry | Variety | Class | Septoria | | Strawbreaker Footrot | Cephalosporium Stripe | Oregon Stripe Rust Ratings | | | | | Washington Stripe Rust Ratings [‡] | |
|-------|--------------------------|-------|------------------|------------------|----------------------|-----------------------|----------------------------|-------------------------|-----------------|-----------------|-----------|---|----|
| | | | Corvallis | North Valley | Corvallis | Pendleton | Corvallis | North Willamette Valley | Pendleton-CBARC | Pendleton-Ruggs | Hermiston | Pullman | |
| | | | 5/17/2011 | 6/2/2011 | 7/6/2011 | 6/28/2011 | 5/17/2011 | 5/17/2011 | 6/4/2011 | 6/4/2011 | 6/13/2011 | IT | % |
| | | | % Leaf Infection | % Leaf Infection | 1-5 Scale | % Whiteheads | % | % | % | % | | | |
| 1 | STEPHENS* | SWW | 40.0 | 42.5 | 4.3 | 32.3 | 1.3 | 18.8 | 28.8 | 17.5 | 70.0 | 2 | 20 |
| 2 | MADSEN* | SWW | 12.5 | 15.0 | 2.5 | 7.7 | 0.5 | 0.5 | 1.0 | 4.5 | 5.0 | 0 | 0 |
| 3 | TUBBS 06* | SWW | 40.0 | 33.8 | 3.0 | 27.3 | 25.0 | 25.5 | 76.3 | 57.5 | 90.0 | 3 | 20 |
| 4 | ORSS-1757 | SWW | 22.5 | 17.5 | 4.7 | 21.7 | 6.5 | 12.0 | 21.3 | 26.3 | 37.5 | 2 | 15 |
| 5 | GOETZE | SWW | 55.0 | 52.5 | 3.3 | 5.3 | 26.3 | 41.3 | 67.5 | 67.5 | 72.5 | 2 | 30 |
| 6 | SKILES | SWW | 25.0 | 13.8 | 3.0 | 3.0 | 0.5 | 1.5 | 1.5 | 5.3 | 3.0 | 2 | 10 |
| 7 | GOETZE/SKILES BLEND | SWW | 45.0 | 45.0 | 3.0 | 7.3 | 29.3 | 26.3 | 45.0 | 55.0 | 58.8 | 2 | 10 |
| 8 | BRUNDAGE 96 | SWW | 35.0 | 30.0 | 2.7 | 10.0 | 4.5 | 13.8 | 20.0 | 21.3 | 65.0 | 2 | 30 |
| 9 | BRUNEAU | SWW | 35.0 | 18.8 | 4.3 | 3.5 | 2.3 | 5.8 | 8.8 | 13.8 | 32.5 | 2 | 10 |
| 10 | ID 96-16702A | SWW | 35.0 | 16.3 | 4.3 | 8.0 | 6.5 | 8.8 | 32.5 | 28.8 | 28.8 | 2 | 20 |
| 11 | IDO 663 | SWW | 55.0 | 47.5 | 4.0 | 20.3 | 9.8 | 47.5 | 37.5 | 36.3 | 70.0 | 2 | 30 |
| 12 | XERPHA | SWW | 60.0 | 62.5 | 3.3 | 9.0 | 31.3 | 56.3 | 60.0 | 52.5 | 90.0 | 5 | 50 |
| 13 | WA 8092 | SWW | 20.0 | 15.0 | 4.0 | 0.8 | 0.5 | 1.8 | 1.5 | 4.0 | 15.0 | 2 | 20 |
| 14 | NSA 06-2153A | SWW | 25.0 | 13.8 | 4.0 | 8.3 | 18.3 | 17.0 | 35.0 | 57.5 | 45.0 | 2 | 10 |
| 15 | WESTBRED 528 | SWW | 40.0 | 27.5 | 4.0 | 12.3 | 17.0 | 24.8 | 5.0 | 20.0 | 72.5 | 4 | 60 |
| 16 | WB JUNCTION (BZ6W02-616) | SWW | 35.0 | 16.3 | 3.3 | 23.0 | 3.3 | 10.5 | 4.5 | 12.5 | 57.5 | 2 | 20 |
| 17 | LEGION | SWW | 17.5 | 22.5 | 4.0 | 21.0 | 0.5 | 13.0 | 1.5 | 6.8 | 33.8 | 2 | 10 |
| 18 | AP LEGACY | SWW | 35.0 | 22.5 | 3.0 | 1.8 | 75.0 | 23.3 | 82.5 | 80.0 | 90.0 | 6 | 50 |
| 19 | AP BADGER | SWW | 40.0 | 50.0 | 3.7 | 13.0 | 25.0 | 45.5 | 67.5 | 65.0 | 57.5 | 6 | 40 |
| 20 | SY OVATION (30PN-108#21) | SWW | 17.5 | 17.5 | 4.7 | 4.0 | 1.5 | 1.5 | 22.5 | 30.0 | 16.3 | 2 | 20 |
| 21 | ORCF-101 | SWW | 45.0 | 22.5 | 4.0 | 19.3 | 12.0 | 15.8 | 26.3 | 30.0 | 51.3 | 2 | 20 |
| 22 | ORCF-101R | SWW | 20.0 | 12.5 | 3.5 | 9.7 | 1.0 | 2.5 | 5.0 | 12.5 | 5.3 | 2 | 20 |
| 23 | ORCF-102 | SWW | 50.0 | 22.5 | 2.5 | 10.3 | 27.5 | 15.5 | 41.3 | 37.5 | 82.5 | 5 | 40 |
| 24 | ORCF-103 | SWW | 40.0 | 52.5 | 4.3 | 7.5 | 4.8 | 31.3 | 27.5 | 27.5 | 90.0 | 4 | 30 |
| 25 | OR12101835 | SWW | 22.5 | 22.5 | 4.0 | 9.7 | 3.3 | 18.8 | 3.0 | 13.8 | 31.3 | 2 | 20 |
| 26 | OR12101839 | SWW | 25.0 | 32.5 | 2.7 | 16.7 | 18.3 | 27.0 | 76.3 | 42.5 | 80.0 | 3 | 20 |
| 27 | UICF-BRUNDAGE | SWW | 50.0 | 55.0 | 4.0 | 5.7 | 8.3 | 26.3 | 42.5 | 23.8 | 90.0 | 2 | 30 |
| 28 | AP 700CL | SWW | 35.0 | 27.5 | 2.7 | 14.3 | 1.0 | 13.8 | 4.0 | 10.3 | 56.3 | 2 | 10 |
| 29 | WB 1066CL | SWW | 15.0 | 11.3 | 3.7 | 9.3 | 0.0 | 0.5 | 0.8 | 0.8 | 3.0 | 2 | 5 |
| 30 | CODA | Club | 20.0 | 20.0 | 3.0 | 1.3 | 0.0 | 7.5 | 1.0 | 2.5 | 12.5 | 2 | 5 |
| 31 | CARA | Club | 15.0 | 10.0 | 1.5 | 0.0 | 0.0 | 0.0 | 0.8 | 0.8 | 1.0 | 0 | 0 |
| 32 | ARS 970042-1C | Club | 20.0 | 16.3 | - | 0.5 | 0.0 | 0.0 | 1.0 | 1.0 | 2.0 | 1 | 5 |
| 33 | ARS 98X402-1C | Club | 17.5 | 15.0 | 3.0 | 1.2 | 0.0 | 8.0 | 4.0 | 6.5 | 25.0 | 3 | 10 |
| 34 | ARS 97230-6C | Club | 20.0 | 12.5 | 3.0 | 1.3 | 0.0 | 7.5 | 5.0 | 17.5 | 25.0 | 2 | 20 |
| 35 | OR2040726 (MARY) | SWW | 30.0 | 16.3 | 5.0 | 20.7 | 11.3 | 12.0 | 57.5 | 42.5 | 85.0 | 2 | 30 |
| 36 | OR2060323 | SWW | 30.0 | 30.0 | 3.0 | 1.3 | 14.5 | 23.8 | 12.5 | 17.5 | 31.3 | 2 | 10 |
| 37 | OR2060395 | SWW | 17.5 | 18.8 | 3.7 | 5.3 | 1.5 | 8.0 | 4.0 | 11.3 | 18.8 | 2 | 10 |
| 38 | OR2070608 | SWW | 10.0 | 12.5 | 2.0 | 5.3 | 3.0 | 12.3 | 17.5 | 13.8 | 37.5 | 2 | 20 |
| 39 | OR2070870 | SWW | 30.0 | 25.0 | 2.7 | 1.0 | 3.8 | 8.0 | 17.5 | 20.0 | 20.0 | 2 | 30 |
| 40 | OR2071029 | SWW | 27.5 | 25.0 | 4.0 | 2.0 | 6.3 | 15.8 | 47.5 | 42.5 | 60.0 | 2 | 20 |
| 41 | OR2071071 | SWW | 15.0 | 16.3 | 2.7 | 3.7 | 0.5 | 1.0 | 1.0 | 0.8 | 2.0 | 0 | 0 |
| 42 | OR2071628 | SWW | 20.0 | 8.8 | 5.0 | 16.7 | 5.8 | 9.0 | 17.5 | 25.0 | 17.5 | 2 | 10 |
| 43 | OR2071073 | SWW | 25.0 | 16.3 | 2.0 | 10.7 | 1.3 | 7.5 | 13.8 | 25.0 | 21.3 | 2 | 10 |
| 44 | OR2080641 | SWW | 20.0 | 16.3 | 2.0 | 13.7 | 0.8 | 10.3 | 8.8 | 20.0 | 47.5 | 2 | 10 |
| 45 | OR08047P94 | SWW | 12.5 | 11.3 | 2.0 | 0.3 | 0.0 | 0.0 | 1.0 | 1.0 | 1.0 | 0 | 0 |
| | Site Average | | 29.4 | 24.6 | 3.4 | 9.8 | 9.1 | 15.0 | 23.5 | 24.6 | 42.4 | | |
| | LSD (0.05) | | 12.2 | 8.6 | 1.2 | 10.3 | 9.0 | 9.9 | 10.5 | 8.6 | 13.1 | | |
| | CV (%) | | 29.5 | 25.0 | 19.6 | 65.7 | 70.8 | 46.9 | 32.1 | 25.0 | 22.1 | | |

* Indicates check variety

‡ Washington stripe rust infection type (IT) and severity (%) provided by Xianming Chen, Research Plant Pathologist, USDA-ARS/WSU