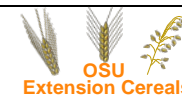




2017 Oregon Soft Winter Elite Yield Trials - Disease Notes



| Entry | Variety | Class | Stripe Rust | | Septoria | | Barley Yellow Dwarf Virus | |
|-------|---------------------------|-------|------------------------|------------------------|-------------------------|-------------------------|----------------------------------|--|
| | | | Hermiston (Irrigated) | Pendleton-Ruggs | Corvallis | South Willamette Valley | Corvallis | |
| | | | 6/1/2017 % Severity | 6/1/2017 % Severity | 6/20/2017 % Severity | 6/3/2017 % Severity | 6/2/2017 % Flag Leaf Severity | |
| 1 | STEPHENS* | SWW | 63 | 38 | 72 | 81 | 25 | |
| 2 | TUBBS-06* | SWW | 70 | 53 | 55 | 63 | 5 | |
| 3 | MARY | SWW | 85 | 70 | 66 | 43 | 5 | |
| 4 | KASEBERG | SWW | 20 | 40 | 48 | 44 | 16 | |
| 5 | ROSALYN | SWW | 1 | 4 | 58 | 44 | 20 | |
| 6 | BOBTAIL | SWW | 0 | 0 | 43 | 39 | 3 | |
| 7 | NORWEST TANDEM (LOR 334) | SWW | 0 | 11 | 57 | 59 | 4 | |
| 8 | NORWEST DUET (LOR 092) | SWW | 1 | 4 | 61 | 51 | 17 | |
| 9 | IDN 02-29001A | SWW | 3 | 3 | 65 | 63 | 20 | |
| 10 | IDN 07-28017B | SWW | 0 | 0 | 74 | 75 | 30 | |
| 11 | IDN 09-08357A | SWW | 0 | 6 | Not Tested | 67 | Not Tested | |
| 12 | UI SPARROW (IDO 1108) | SWW | 5 | 9 | 61 | 55 | 13 | |
| 13 | LCS ARTDECO | SWW | 35 | 40 | 87 | 77 | 31 | |
| 14 | LCS BIANCOR | SWW | 0 | 0 | 33 | 31 | 10 | |
| 15 | LCS DRIVE (LWW12-7105) | SWW | 0 | 0 | 42 | 40 | 23 | |
| 16 | LWW14-73163 | SWW | 5 | 9 | 73 | 73 | 21 | |
| 17 | LWW14-71195 | SWW | 1 | 5 | 66 | 45 | 37 | |
| 18 | LWW14-74143 | SWW | 5 | 16 | Not Tested | 68 | Not Tested | |
| 19 | LWW14-72916 | SWW | 1 | 0 | Not Tested | 61 | Not Tested | |
| 20 | LWW14-73161 | SWW | 8 | 9 | Not Tested | 73 | Not Tested | |
| 21 | WB 1529 | SWW | 26 | 58 | 45 | 33 | 18 | |
| 22 | WB 1783 (EXP BZ6W09-471) | SWW | 4 | 13 | 71 | 73 | 16 | |
| 23 | LEGION | SWW | 0 | 0 | Not Tested | 64 | Not Tested | |
| 24 | SY 107 | SWW | 85 | 60 | 64 | 43 | 11 | |
| 25 | SY OVATION | SWW | 15 | 55 | 72 | 66 | 6 | |
| 26 | SY ASSURE | SWW | 0 | 9 | 68 | 39 | 13 | |
| 27 | SY COMMAND (SY 14PN066-7) | SWW | 1 | 9 | 64 | 46 | 20 | |
| 28 | SY DAYTON (SY 09PN062#18) | SWW | 1 | 30 | 75 | 68 | 12 | |
| 29 | SY BANKS (SY 09PN005#25) | SWW | 0 | 1 | 64 | 53 | 18 | |
| 30 | SY RAPTOR (SY 09PN046#16) | SWW | 4 | 51 | Not Tested | 71 | Not Tested | |
| 31 | SY 05PN100-63 | SWW | 8 | 6 | Not Tested | 39 | Not Tested | |
| 32 | SY 09PN008#72 | SWW | 0 | 0 | Not Tested | 54 | Not Tested | |
| 33 | JASPER | SWW | 4 | 26 | 59 | 61 | 6 | |
| 34 | WA 8206 | SWW | 11 | 15 | 61 | 38 | 17 | |
| 35 | WA 8232 | SWW | 3 | 5 | 65 | 43 | 15 | |
| 36 | WA 8234 | SWW | 3 | 8 | Not Tested | 40 | Not Tested | |
| 37 | OR 2121086 | SWW | 0 | 4 | 62 | 48 | 37 | |
| 38 | OR 2121252 | SWW | 6 | 10 | 49 | 36 | 7 | |
| 39 | OR 2121285 | SWW | 0 | 4 | Not Tested | 38 | Not Tested | |
| 40 | OR 2130485 | SWW | 1 | 5 | Not Tested | 45 | Not Tested | |
| | Site Average | | 12 | 17 | 61 | 54 | 17 | |
| | LSD (0.05) | | 10 | 6 | 10 | 7 | 19 | |
| | CV (%) | | 61 | 26 | 11 | 10 | 83 | |

* Indicates check variety



2017 Oregon Soft Winter Elite Yield Trials - Disease Notes



| Entry | Variety | Class | Cephalosporium Stripe | | Fusarium Crown Rot (Innoculated) | | Snow Mold | | Snow Mold | | Strawbreaker Foot Rot <i>Pseudocercospora</i> | |
|-------|---------------------------|-------|-----------------------|--------------|----------------------------------|--------------|-----------------|----------|------------|----------|---|-----------|
| | | | Pendleton | | Moro | | Dufur (No-Till) | | Moro | | Corvallis | |
| | | | 6/26/2017 | % Whiteheads | 6/28/2017 | % Whiteheads | 3/21/2017 | % Injury | 3/22/2017 | % Injury | 7/18/2017 | % Lodging |
| 1 | STEPHENS* | SWW | 55.5 | | 48.8 | | 61.3 | | 35.0 | | 46.7 | |
| 2 | TUBBS-06* | SWW | 45.0 | | 33.8 | | 30.0 | | 27.5 | | 40.0 | |
| 3 | MARY | SWW | 48.8 | | 34.5 | | 40.0 | | 32.5 | | 51.8 | |
| 4 | KASEBERG | SWW | 32.5 | | 23.3 | | 32.5 | | 25.5 | | 93.3 | |
| 5 | ROSALYN | SWW | 27.5 | | 27.5 | | 41.3 | | 26.3 | | 5.0 | |
| 6 | BOBTAIL | SWW | 13.8 | | 11.5 | | 21.3 | | 23.0 | | 35.0 | |
| 7 | NORWEST TANDEM (LOR 334) | SWW | 30.8 | | 17.8 | | 45.0 | | 23.8 | | 62.5 | |
| 8 | NORWEST DUET (LOR 092) | SWW | 10.0 | | 8.5 | | 26.3 | | 31.3 | | 96.8 | |
| 9 | IDN 02-29001A | SWW | 31.3 | | 23.3 | | 21.3 | | 22.5 | | 18.0 | |
| 10 | IDN 07-28017B | SWW | 35.5 | | 8.0 | | 22.5 | | 30.0 | | 51.3 | |
| 11 | IDN 09-08357A | SWW | Not Tested | | Not Tested | | 48.8 | | Not Tested | | Not Tested | |
| 12 | UI SPARROW (IDO 1108) | SWW | 4.5 | | 7.3 | | 60.0 | | 33.3 | | 25.0 | |
| 13 | LCS ARTDECO | SWW | 73.8 | | 40.8 | | 26.3 | | 47.5 | | 78.8 | |
| 14 | LCS BIANCOR | SWW | 34.3 | | 20.0 | | 36.3 | | 36.3 | | 62.5 | |
| 15 | LCS DRIVE (LWW12-7105) | SWW | 62.5 | | 26.3 | | 22.5 | | 27.5 | | 51.8 | |
| 16 | LWW14-73163 | SWW | 25.5 | | 21.3 | | 38.8 | | 25.0 | | 62.5 | |
| 17 | LWW14-71195 | SWW | 63.3 | | 37.5 | | 17.5 | | 21.8 | | 91.3 | |
| 18 | LWW14-74143 | SWW | Not Tested | | Not Tested | | 27.5 | | Not Tested | | Not Tested | |
| 19 | LWW14-72916 | SWW | Not Tested | | Not Tested | | 35.0 | | Not Tested | | Not Tested | |
| 20 | LWW14-73161 | SWW | Not Tested | | Not Tested | | 36.3 | | Not Tested | | Not Tested | |
| 21 | WB 1529 | SWW | 18.0 | | 31.3 | | 28.8 | | 25.0 | | 83.5 | |
| 22 | WB 1783 (EXP BZ6W09-471) | SWW | 14.0 | | 13.0 | | 25.0 | | 26.3 | | 12.5 | |
| 23 | LEGION | SWW | Not Tested | | Not Tested | | 52.5 | | Not Tested | | Not Tested | |
| 24 | SY 107 | SWW | 22.5 | | 26.3 | | 50.0 | | 30.8 | | 53.8 | |
| 25 | SY OVATION | SWW | 38.0 | | 38.8 | | 62.5 | | 31.3 | | 83.3 | |
| 26 | SY ASSURE | SWW | 61.3 | | 43.8 | | 68.8 | | 32.5 | | 92.3 | |
| 27 | SY COMMAND (SY 14PN066-7) | SWW | 43.8 | | 19.5 | | 65.0 | | 23.8 | | 64.5 | |
| 28 | SY DAYTON (SY 09PN062#18) | SWW | 18.0 | | 27.0 | | 62.5 | | 30.3 | | 23.8 | |
| 29 | SY BANKS (SY 09PN005#25) | SWW | 32.0 | | 29.5 | | 50.0 | | 21.3 | | 5.5 | |
| 30 | SY RAPTOR (SY 09PN046#16) | SWW | Not Tested | | Not Tested | | 61.3 | | Not Tested | | Not Tested | |
| 31 | SY 05PN100-63 | SWW | Not Tested | | Not Tested | | 28.8 | | Not Tested | | Not Tested | |
| 32 | SY 09PN008#72 | SWW | Not Tested | | Not Tested | | 36.3 | | Not Tested | | Not Tested | |
| 33 | JASPER | SWW | 11.8 | | 6.5 | | 30.0 | | 35.0 | | 96.5 | |
| 34 | WA 8206 | SWW | 30.0 | | 22.0 | | 67.5 | | 33.8 | | 99.5 | |
| 35 | WA 8232 | SWW | 24.3 | | 45.0 | | 56.3 | | 25.0 | | 98.3 | |
| 36 | WA 8234 | SWW | Not Tested | | Not Tested | | 65.0 | | Not Tested | | Not Tested | |
| 37 | OR 2121086 | SWW | 30.0 | | 13.0 | | 65.0 | | 36.3 | | 46.5 | |
| 38 | OR 2121252 | SWW | 40.5 | | 26.3 | | 87.5 | | 51.3 | | 28.8 | |
| 39 | OR 2121285 | SWW | Not Tested | | Not Tested | | 48.8 | | Not Tested | | Not Tested | |
| 40 | OR 2130485 | SWW | Not Tested | | Not Tested | | 67.5 | | Not Tested | | Not Tested | |
| | Site Average | | 33.0 | | 24.3 | | 44.2 | | 31.0 | | 54.9 | |
| | LSD (0.05) | | 13.0 | | 13.2 | | 21.9 | | 12.5 | | 32.7 | |
| | CV (%) | | 28.0 | | 38.7 | | 35.4 | | 28.7 | | 42.3 | |

* Indicates check variety