



2016 OREGON SOFT WINTER ELITE YIELD TRIALS PENDLETON-RUGGS



Site Quality Index[†] = 3.5
1 = Poor 3 = Average 5 = Excellent

Site Description: Stripe rust was not controlled at this site.

5 Year Average Yield = 116.3 bu/ac

| Entry | Variety | Class | Quality Rating [‡] | 2016 Yield Data [‡] | | 2-Year Yield Data | | 3-Year Yield Data | |
|-------|---------------------------|-------|-----------------------------|------------------------------|------|-------------------|------|-------------------|------|
| | | | | Yield | Rank | Yield | Rank | Yield | Rank |
| | | | | bu/ac | | bu/ac | | bu/ac | |
| 40 | NORWEST DUET (LOR 092) | SWW | | 140.1 | 1 | 134.5 | 1 | | |
| 9 | IDN 07-28017B | SWW | | 132.5 | 2 | | | | |
| 36 | OR 2121086 | SWW | | 130.9 | 3 | | | | |
| 17 | LWW 14-71195 | SWW | | 129.3 | 4 | | | | |
| 13 | LCS BIANCOR | SWW | | 128.8 | 5 | 124.9 | 2 | 128.8 | 2 |
| 34 | OR 2101043 | SWW | | 128.1 | 6 | 121.9 | 4 | | |
| 16 | LWW 14-71032 | SWW | | 128.0 | 7 | | | | |
| 8 | IDN 02-29001A | SWW | | 128.0 | 8 | 122.8 | 3 | 127.6 | 4 |
| 30 | WA 8232 | SWW | | 126.2 | 9 | | | | |
| 38 | LOR 833 | SWW | | 125.9 | 10 | 115.7 | 10 | | |
| 19 | WB 1604 | SWW | | 125.1 | 11 | 118.0 | 9 | 120.3 | 9 |
| 24 | SY ASSURE (SY 04 PN096-2) | SWW | | 124.3 | 12 | 120.9 | 6 | | |
| 6 | BOBTAIL | SWW | MD | 124.2 | 13 | 118.9 | 8 | 127.3 | 5 |
| 25 | SY 04 PN066-7 (EXP) | SWW | | 122.6 | 14 | | | | |
| 11 | IDO 1108 | SWW | | 122.1 | 15 | 113.0 | 13 | 123.6 | 6 |
| 14 | LCS DRIVE | SWW | | 122.0 | 16 | 119.1 | 7 | 128.0 | 3 |
| 33 | 20060126-35C | Club | | 121.9 | 17 | | | | |
| 5 | ROSALYN | SWW | A | 121.5 | 18 | 121.5 | 5 | 131.1 | 1 |
| 35 | OR 2110526 | SWW | | 119.7 | 19 | 113.0 | 14 | | |
| 10 | IDN 06-18102A | SWW | | 117.1 | 20 | 115.4 | 11 | | |
| 27 | SY 09 PN062#18 (EXP) | SWW | | 116.2 | 21 | | | | |
| 28 | SY 09 PN005#25 (EXP) | SWW | | 115.6 | 22 | | | | |
| 37 | OR 2121252 | SWW | | 115.5 | 23 | | | | |
| 29 | JASPER | SWW | MD | 115.3 | 24 | 108.3 | 15 | | |
| 20 | EXP BZ6W09-471 | SWW | | 112.1 | 25 | | | | |
| 7 | UI/WVSU HUFFMAN | SWW | MD | 111.2 | 26 | 113.7 | 12 | 118.9 | 11 |
| 15 | LWW 14-73163 | SWW | | 110.2 | 27 | | | | |
| 26 | SY 09 PN077-23 (EXP) | SWW | | 108.9 | 28 | | | | |
| 23 | SY OVATION | SWW | D | 106.0 | 29 | 106.9 | 17 | 120.7 | 8 |
| 21 | EXP BZ6W09-489 | SWW | | 98.6 | 30 | | | | |
| 31 | WA 8206 | SWW | | 96.8 | 31 | | | | |
| 32 | ARS 06134-57C | Club | | 96.4 | 32 | | | | |
| 4 | KASEBERG | SWW | MD | 95.4 | 33 | 105.7 | 18 | 120.0 | 10 |
| 12 | LCS ARTDECO | SWW | A | 92.1 | 34 | 107.0 | 16 | 121.2 | 7 |
| 18 | WB 1529 | SWW | | 87.9 | 35 | 100.7 | 19 | 113.7 | 12 |
| 1 | STEPHENS* | SWW | D | 84.9 | 36 | 94.1 | 20 | 110.2 | 13 |
| 22 | SY 107 | SWW | LD | 82.4 | 37 | 92.1 | 21 | | |
| 3 | MARY | SWW | D | 67.1 | 38 | 85.0 | 22 | 102.4 | 14 |
| 2 | TUBBS-06* | SWW | LD | 65.3 | 39 | 82.8 | 23 | 99.0 | 15 |
| | Site Average | | | 113.9 | | 111.6 | | 119.7 | |
| | LSD (0.05) | | | 12.8 | | 9.0 | | 7.8 | |
| | CV (%) | | | 7.6 | | 7.9 | | 7.9 | |

[†] 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; U = Unacceptable



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Site Description: Stripe rust was not controlled at this site.

5 Year Average Test Weight = 60.6 lbs/bu 5 Year Average Grain Protein = 10.3%

| Entry | Variety | Class | Test Weight | Plant Height | Heading Date | Protein | Stripe Rust | |
|-------|---------------------------|-------|-------------|--------------|--------------|---------|-------------|--------|
| | | | | | | | lbs/bu | inches |
| 40 | NORWEST DUET (LOR 092) | SWW | 61.7 | 46.0 | 137.0 | 11.6 | | 7.0 |
| 9 | IDN 07-28017B | SWW | 62.7 | 37.8 | 131.3 | 11.2 | | 1.3 |
| 36 | OR 2121086 | SWW | 61.1 | 40.8 | 134.5 | 11.5 | | 4.8 |
| 17 | LWW 14-71195 | SWW | 60.0 | 36.3 | 131.5 | 10.9 | | 5.0 |
| 13 | LCS BIANCOR | SWW | 59.1 | 33.5 | 132.8 | 11.1 | | 2.0 |
| 34 | OR 2101043 | SWW | 61.1 | 42.3 | 136.0 | 12.2 | | 3.8 |
| 16 | LWW 14-71032 | SWW | 61.8 | 44.5 | 138.3 | 11.3 | | 11.8 |
| 8 | IDN 02-29001A | SWW | 61.8 | 41.0 | 135.0 | 11.8 | | 1.3 |
| 30 | WA 8232 | SWW | 62.5 | 40.3 | 139.8 | 11.5 | | 5.0 |
| 38 | LOR 833 | SWW | 60.2 | 36.0 | 133.5 | 12.5 | | 3.0 |
| 19 | WB 1604 | SWW | 61.0 | 40.0 | 131.8 | 11.7 | | 3.3 |
| 24 | SY ASSURE (SY 04 PN096-2) | SWW | 61.9 | 36.8 | 131.0 | 11.8 | | 15.0 |
| 6 | BOBTAIL | SWW | 58.5 | 37.0 | 138.5 | 11.6 | | 0.0 |
| 25 | SY 04 PN066-7 (EXP) | SWW | 60.0 | 39.3 | 136.8 | 10.9 | | 9.3 |
| 11 | IDO 1108 | SWW | 60.1 | 43.3 | 143.3 | 11.6 | | 20.0 |
| 14 | LCS DRIVE | SWW | 58.8 | 31.0 | 129.5 | 11.3 | | 0.8 |
| 33 | 20060126-35C | Club | 61.0 | 43.0 | 140.8 | 11.6 | | 3.0 |
| 5 | ROSALYN | SWW | 60.5 | 38.3 | 137.0 | 10.4 | | 5.3 |
| 35 | OR 2110526 | SWW | 60.8 | 37.0 | 129.3 | 11.8 | | 25.0 |
| 10 | IDN 06-18102A | SWW | 59.1 | 38.8 | 137.8 | 11.5 | | 31.3 |
| 27 | SY 09 PN062#18 (EXP) | SWW | 61.6 | 37.5 | 137.8 | 10.9 | | 30.0 |
| 28 | SY 09 PN005#25 (EXP) | SWW | 60.7 | 39.8 | 139.5 | 11.4 | | 1.0 |
| 37 | OR 2121252 | SWW | 59.8 | 38.8 | 136.0 | 11.1 | | 25.0 |
| 29 | JASPER | SWW | 60.2 | 42.5 | 138.8 | 12.0 | | 45.0 |
| 20 | EXP BZ6W09-471 | SWW | 63.4 | 40.8 | 135.8 | 12.2 | | 20.0 |
| 7 | UI/WSU HUFFMAN | SWW | 60.0 | 39.0 | 141.3 | 11.6 | | 8.0 |
| 15 | LWW 14-73163 | SWW | 62.0 | 39.8 | 138.3 | 11.9 | | 1.5 |
| 26 | SY 09 PN077-23 (EXP) | SWW | 61.3 | 38.5 | 133.5 | 12.3 | | 6.8 |
| 23 | SY OVATION | SWW | 61.5 | 38.3 | 139.0 | 11.0 | | 58.8 |
| 21 | EXP BZ6W09-489 | SWW | 62.1 | 36.5 | 135.0 | 12.0 | | 36.3 |
| 31 | WA 8206 | SWW | 61.7 | 41.3 | 137.3 | 11.6 | | 17.5 |
| 32 | ARS 06134-57C | Club | 59.5 | 36.0 | 136.0 | 11.3 | | 50.0 |
| 4 | KASEBERG | SWW | 58.8 | 36.5 | 133.0 | 11.0 | | 46.3 |
| 12 | LCS ARTDECO | SWW | 56.4 | 34.3 | 131.0 | 10.9 | | 60.0 |
| 18 | WB 1529 | SWW | 62.0 | 37.3 | 135.0 | 11.5 | | 73.8 |
| 1 | STEPHENS* | SWW | 59.2 | 35.3 | 135.0 | 11.4 | | 48.8 |
| 22 | SY 107 | SWW | 60.9 | 37.3 | 139.0 | 10.4 | | 62.5 |
| 3 | MARY | SWW | 59.9 | 35.0 | 135.0 | 12.2 | | 82.5 |
| 2 | TUBBS-06* | SWW | 59.3 | 39.5 | 137.3 | 11.6 | | 82.5 |
| | Site Average | | 60.6 | 38.6 | 135.8 | 11.5 | | 23.9 |
| | LSD (0.05) | | 1.1 | 2.1 | 2.5 | 0.6 | | 10.6 |
| | CV (%) | | 1.2 | 3.8 | 1.3 | 3.9 | | 31.7 |

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