



2016 OREGON SOFT WINTER ELITE YIELD TRIALS SOUTH WILLAMETTE VALLEY (Protected)



Site Quality Index[†] = 4
1 = Poor 3 = Average 5 = Excellent

Site Description: Site received 4 oz/ac of Tilt on 3/17 and 12 oz/ac of Quilt Xcel on 4/21 to control foliar diseases.

5 Year Average Yield = 111.3 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 | |
| 13 | LCS BIANCOR | SWW | | 137.4 | 1 | | | | |
| 17 | LWW 14-71195 | SWW | | 134.9 | 2 | | | | |
| 40 | NORWEST DUET (LOR 092) | SWW | | 127.7 | 3 | | | | |
| 12 | LCS ARTDECO | SWW | A | 127.4 | 4 | | | | |
| 35 | OR 2110526 | SWW | | 126.5 | 5 | | | | |
| 21 | EXP BZ6W09-489 | SWW | | 125.7 | 6 | | | | |
| 36 | OR 2121086 | SWW | | 124.9 | 7 | | | | |
| 14 | LCS DRIVE | SWW | | 124.7 | 8 | | | | |
| 26 | SY 09 PN077-23 (EXP) | SWW | | 124.2 | 9 | | | | |
| 30 | WA 8232 | SWW | | 123.3 | 10 | | | | |
| 18 | WB 1529 | SWW | | 123.2 | 11 | | | | |
| 4 | KASEBERG | SWW | MD | 122.6 | 12 | | | | |
| 31 | WA 8206 | SWW | | 119.9 | 13 | | | | |
| 24 | SY ASSURE (SY 04 PN096-2) | SWW | | 119.4 | 14 | | | | |
| 16 | LWW 14-71032 | SWW | | 118.5 | 15 | | | | |
| 9 | IDN 07-28017B | SWW | | 117.6 | 16 | | | | |
| 22 | SY 107 | SWW | LD | 117.3 | 17 | | | | |
| 37 | OR 2121252 | SWW | | 116.7 | 18 | | | | |
| 6 | BOBTAIL | SWW | MD | 115.8 | 19 | | | | |
| 34 | OR 2101043 | SWW | | 114.9 | 20 | | | | |
| 25 | SY 04 PN066-7 (EXP) | SWW | | 113.8 | 21 | | | | |
| 20 | EXP BZ6W09-471 | SWW | | 113.4 | 22 | | | | |
| 5 | ROSALYN | SWW | A | 112.7 | 23 | | | | |
| 11 | IDO 1108 | SWW | | 112.3 | 24 | | | | |
| 10 | IDN 06-18102A | SWW | | 112.2 | 25 | | | | |
| 8 | IDN 02-29001A | SWW | | 111.3 | 26 | | | | |
| 38 | LOR 833 | SWW | | 109.4 | 27 | | | | |
| 7 | UI/WVSU HUFFMAN | SWW | MD | 107.9 | 28 | | | | |
| 28 | SY 09 PN005#25 (EXP) | SWW | | 107.8 | 29 | | | | |
| 15 | LWW 14-73163 | SWW | | 107.0 | 30 | | | | |
| 33 | 20060126-35C | Club | | 105.4 | 31 | | | | |
| 3 | MARY | SWW | D | 105.1 | 32 | | | | |
| 32 | ARS 06134-57C | Club | | 105.0 | 33 | | | | |
| 29 | JASPER | SWW | MD | 102.6 | 34 | | | | |
| 2 | TUBBS-06* | SWW | LD | 102.3 | 35 | | | | |
| 23 | SY OVATION | SWW | D | 102.2 | 36 | | | | |
| 19 | WB 1604 | SWW | | 100.5 | 37 | | | | |
| 1 | STEPHENS* | SWW | D | 100.5 | 38 | | | | |
| 27 | SY 09 PN062#18 (EXP) | SWW | | 98.1 | 39 | | | | |
| | Site Average | | | 115.1 | | | | | |
| | LSD (0.05) | | | 11.2 | | | | | |
| | CV (%) | | | 6.9 | | | | | |

[†] 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 unublishable
- 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: Site received 4 oz/ac of Tilt on 3/17 and 12 oz/ac of Quilt Xcel on 4/21 to control foliar diseases.

5 Year Average Test Weight = 59.7 lbs/bu 5 Year Average Grain Protein = 9.0%

| Entry | Variety | Class | Test Weight | Plant Height | Heading Date | Protein |
|-------|---------------------------|-------|-------------|--------------|--------------|---------|
| | | | lbs/bu | inches | DOY | % |
| 13 | LCS BIANCOR | SWW | 56.2 | 36.8 | 125.0 | 9.0 |
| 17 | LWW 14-71195 | SWW | 57.7 | 39.8 | 123.0 | 9.0 |
| 40 | NORWEST DUET (LOR 092) | SWW | 58.7 | 47.3 | 130.0 | 9.9 |
| 12 | LCS ARTDECO | SWW | 54.9 | 37.5 | 119.3 | 9.0 |
| 35 | OR 2110526 | SWW | 58.9 | 42.0 | 123.0 | 9.7 |
| 21 | EXP BZ6W09-489 | SWW | 59.6 | 39.8 | 131.5 | 9.5 |
| 36 | OR 2121086 | SWW | 58.5 | 43.5 | 125.0 | 9.6 |
| 14 | LCS DRIVE | SWW | 55.4 | 35.3 | 121.8 | 9.6 |
| 26 | SY 09 PN077-23 (EXP) | SWW | 58.3 | 42.8 | 126.5 | 9.5 |
| 30 | WA 8232 | SWW | 60.0 | 45.0 | 138.0 | 8.3 |
| 18 | WB 1529 | SWW | 58.5 | 42.0 | 135.0 | 10.4 |
| 4 | KASEBERG | SWW | 55.9 | 39.8 | 128.5 | 9.5 |
| 31 | WA 8206 | SWW | 59.8 | 45.0 | 134.5 | 10.1 |
| 24 | SY ASSURE (SY 04 PN096-2) | SWW | 57.0 | 42.0 | 130.0 | 10.7 |
| 16 | LWW 14-71032 | SWW | 59.7 | 48.8 | 133.0 | 8.9 |
| 9 | IDN 07-28017B | SWW | 57.4 | 42.0 | 125.0 | 10.3 |
| 22 | SY 107 | SWW | 55.9 | 42.8 | 135.5 | 10.0 |
| 37 | OR 2121252 | SWW | 56.2 | 41.3 | 134.5 | 10.0 |
| 6 | BOBTAIL | SWW | 55.2 | 40.5 | 138.0 | 10.0 |
| 34 | OR 2101043 | SWW | 57.4 | 43.5 | 135.5 | 9.3 |
| 25 | SY 04 PN066-7 (EXP) | SWW | 55.8 | 41.3 | 136.0 | 9.7 |
| 20 | EXP BZ6W09-471 | SWW | 61.2 | 45.0 | 136.0 | 8.7 |
| 5 | ROSALYN | SWW | 55.9 | 42.8 | 137.5 | 9.4 |
| 11 | IDO 1108 | SWW | 56.2 | 47.3 | 146.0 | 9.6 |
| 10 | IDN 06-18102A | SWW | 55.7 | 42.8 | 134.0 | 9.2 |
| 8 | IDN 02-29001A | SWW | 59.1 | 45.8 | 134.5 | 10.4 |
| 38 | LOR 833 | SWW | 56.3 | 36.0 | 130.0 | 10.5 |
| 7 | UI/WSU HUFFMAN | SWW | 58.0 | 44.3 | 136.0 | 9.6 |
| 28 | SY 09 PN005#25 (EXP) | SWW | 55.8 | 42.0 | 136.5 | 10.5 |
| 15 | LWW 14-73163 | SWW | 58.8 | 40.5 | 134.5 | 9.8 |
| 33 | 20060126-35C | Club | 59.8 | 50.3 | 138.0 | 9.7 |
| 3 | MARY | SWW | 57.3 | 39.8 | 133.0 | 10.4 |
| 32 | ARS 06134-57C | Club | 56.5 | 39.8 | 138.0 | 9.4 |
| 29 | JASPER | SWW | 56.6 | 45.0 | 137.0 | 10.1 |
| 2 | TUBBS-06* | SWW | 56.8 | 47.3 | 135.0 | 10.1 |
| 23 | SY OVATION | SWW | 57.0 | 42.0 | 135.0 | 10.2 |
| 19 | WB 1604 | SWW | 56.4 | 42.8 | 130.0 | 10.5 |
| 1 | STEPHENS* | SWW | 53.6 | 39.8 | 134.5 | 11.1 |
| 27 | SY 09 PN062#18 (EXP) | SWW | 56.4 | 39.8 | 136.5 | 9.6 |
| | Site Average | | 57.3 | 42.3 | 132.6 | 9.8 |
| | LSD (0.05) | | 1.3 | 2.2 | 1.4 | 1.2 |
| | CV (%) | | 1.6 | 3.6 | 0.8 | 8.5 |

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- 1 = Poor; Site highly impacted by unusual environmental conditions making data unpublishable
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