

2006 Oregon Soft Winter Elite Yield Trials - Pendleton

Site Quality Index[†] = 2

1 = Poor 3 = Average 5 = Excellent

Site Description: Environmental conditions adversely impacted the site.
Excess moisture, frost, and heat stress combined to produce very high plot to plot variability.

| Entry | Variety | Class | 2006 Yield Data | | 2006 Agronomic Data | | |
|-------|---------------|-------|-----------------|------|-----------------------|--------------------|--------------|
| | | | Yield bu/ac | Rank | Test Weight lbs/bu | Plant Height cm | Protein % |
| 35 | ORH010837 | SWW | 113.6 | 1 | 56.8 | 85.0 | 11.9 |
| 13 | WESTBRED 528 | SWW | 112.1 | 2 | 60.1 | 93.8 | 12.1 |
| 40 | OR2030554 | SWW | 110.4 | 3 | 58.5 | 91.3 | 12.0 |
| 36 | OR2020787 | SWW | 109.6 | 4 | 58.2 | 96.3 | 11.9 |
| 38 | OR2030239 | SWW | 108.4 | 5 | 57.8 | 95.0 | 12.2 |
| 37 | OR2030238 | SWW | 107.3 | 6 | 56.8 | 96.3 | 12.4 |
| 5 | TUBBS | SWW | 107.1 | 7 | 56.9 | 98.8 | 12.7 |
| 20 | ID99-435 | SWW | 105.6 | 8 | 59.3 | 106.3 | 10.9 |
| 14 | BZ 6W99-456 | SWW | 105.1 | 9 | 60.5 | 85.0 | 12.9 |
| 16 | ORCF-102 | SWW | 104.6 | 10 | 60.0 | 97.5 | 11.7 |
| 1 | STEPHENS * | SWW | 103.5 | 11 | 59.2 | 93.8 | 11.7 |
| 9 | SIMON | SWW | 103.3 | 12 | 57.2 | 93.8 | 12.0 |
| 6 | TUBBS-06 | SWW | 102.9 | 13 | 56.6 | 100.0 | 13.0 |
| 10 | ID92-22407A | SWW | 102.5 | 14 | 58.6 | 103.8 | 12.6 |
| 32 | ORH010920 | SWW | 100.9 | 15 | 58.4 | 83.8 | 11.6 |
| 28 | OR9901619 | SWW | 100.7 | 16 | 58.5 | 93.8 | 12.1 |
| 23 | CHUKAR | Club | 100.6 | 17 | 56.3 | 102.5 | 13.0 |
| 33 | ORH010083 | SWW | 99.2 | 18 | 60.6 | 89.5 | 12.9 |
| 34 | ORH010085 | SWW | 98.5 | 19 | 59.8 | 88.8 | 13.2 |
| 31 | ORH010918 | SWW | 97.7 | 20 | 57.5 | 90.0 | 11.8 |
| 21 | ID99-419 | SWW | 97.6 | 21 | 59.4 | 97.5 | 12.2 |
| 4 | WEATHERFORD * | SWW | 97.6 | 22 | 58.3 | 98.8 | 12.9 |
| 19 | IDAHO 587 | SWW | 97.5 | 23 | 58.2 | 92.5 | 11.6 |
| 29 | OR2010239 | SWW | 96.5 | 24 | 57.9 | 90.5 | 12.1 |
| 15 | ORCF-101 | SWW | 96.0 | 25 | 57.4 | 92.5 | 13.2 |
| 39 | OR2030411 | SWW | 96.0 | 26 | 58.3 | 90.0 | 11.8 |
| 8 | BRUNDAGE96 | SWW | 95.6 | 27 | 56.4 | 88.8 | 12.9 |
| 30 | OR2010241 | SWW | 93.7 | 28 | 58.5 | 95.0 | 12.5 |
| 18 | ORI2042037 | SWW | 92.8 | 29 | 56.6 | 92.5 | 13.6 |
| 27 | OR9900553 | SWW | 92.3 | 30 | 58.0 | 85.0 | 13.0 |
| 7 | ORSS-1757 | SWW | 92.1 | 31 | 58.7 | 88.8 | 11.0 |
| 2 | MADSEN * | SWW | 92.0 | 32 | 58.4 | 90.0 | 13.4 |
| 11 | ROD | SWW | 91.5 | 33 | 55.9 | 91.3 | 14.0 |
| 24 | ARS99123 | Club | 91.1 | 34 | 61.0 | 91.3 | 11.8 |
| 25 | ARS97135-9 | Club | 90.7 | 35 | 57.2 | 92.5 | 13.6 |
| 17 | ORI202183C | SWW | 88.6 | 36 | 59.1 | 89.8 | 12.0 |
| 26 | ARSC96059-1 | Club | 87.1 | 37 | 59.9 | 98.8 | 12.8 |
| 22 | CODA | Club | 84.6 | 38 | 60.8 | 100.0 | 12.1 |
| 3 | GENE * | SWW | 82.6 | 39 | 58.2 | 75.0 | 12.4 |
| 12 | Masami | SWW | 82.2 | 40 | 55.1 | 107.5 | 14.2 |
| | Site Average | | 98.3 | | 58.3 | 93.3 | 12.4 |
| | LSD (0.05) | | 13.0 | | 1.8 | 8.8 | 1.6 |
| | CV (%) | | 9.4 | | 1.5 | 6.7 | 6.5 |

[†] 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.

* Indicates check variety.