

**2007 Oregon Soft Winter Elite Yield Trials - Moro**

Site Quality Index<sup>†</sup> = 2

1 = Poor 3 = Average 5 = Excellent

Site Description: One replication removed due to inconsistencies in the yield and protein data.  
Wind shatter, while relatively uniform across varieties, increased yield variability and negatively impacted this site

| Entry | Variety            | Class | 2007 Yield Data <sup>‡</sup> |      | 2-Year Yield Data |      | 3-Year Yield Data |      | 2007 Agronomic Data |                  |              |         |
|-------|--------------------|-------|------------------------------|------|-------------------|------|-------------------|------|---------------------|------------------|--------------|---------|
|       |                    |       | Yield                        | Rank | Yield             | Rank | Yield             | Rank | Test Weight         | Harvest Moisture | Plant Height | Protein |
|       |                    |       | bu/ac                        |      | bu/ac             |      | bu/ac             |      | lbs/bu              | %                | inches       | %       |
| 10    | BRUNDAGE 96        | SWW   | 110.2                        | 1    | 87.7              | 1    | 88.4              | 2    | 62.7                | 11.6             | 36.2         | 9.0     |
| 35    | OR2010239          | SWW   | 97.8                         | 2    | 83.4              | 6    | 88.3              | 3    | 60.0                | 12.1             | 36.4         | 8.3     |
| 15    | MASAMI             | SWW   | 97.7                         | 3    | 87.5              | 2    | 83.1              | 7    | 61.8                | 11.9             | 34.1         | 8.3     |
| 9     | ORH010085          | SWW   | 96.7                         | 4    | 82.0              | 7    | 88.7              | 1    | 61.9                | 11.6             | 35.6         | 8.6     |
| 14    | TUBBS-06/ROD BLEND | SWW   | 96.1                         | 5    |                   |      |                   |      | 60.6                | 11.8             | 36.0         | 8.2     |
| 36    | ORH010837          | SWW   | 95.8                         | 6    | 87.2              | 3    |                   |      | 60.6                | 11.9             | 33.5         | 8.1     |
| 31    | ARSC96059-1        | Club  | 95.1                         | 7    |                   |      |                   |      | 63.0                | 11.7             | 36.6         | 8.4     |
| 28    | OSUPOP-27-3        | SWW   | 94.8                         | 8    |                   |      |                   |      | 61.6                | 12.1             | 35.2         | 8.8     |
| 2     | MADSEN*            | SWW   | 94.4                         | 9    | 78.2              | 17   | 81.1              | 10   | 62.2                | 11.7             | 34.4         | 9.1     |
| 6     | TUBBS-06           | SWW   | 94.1                         | 10   | 83.6              | 5    |                   |      | 61.7                | 11.9             | 36.8         | 8.9     |
| 1     | STEPHENS*          | SWW   | 93.1                         | 11   | 80.0              | 12   | 81.9              | 9    | 61.1                | 12.0             | 34.6         | 8.5     |
| 8     | GOETZE (ORH010920) | SWW   | 92.8                         | 12   | 80.4              | 11   | 82.9              | 8    | 61.1                | 11.8             | 33.5         | 7.9     |
| 17    | WESTBRED 528       | SWW   | 92.1                         | 13   | 85.1              | 4    | 86.2              | 5    | 62.7                | 11.9             | 33.7         | 8.4     |
| 19    | SALUTE             | SWW   | 92.0                         | 14   |                   |      |                   |      | 61.4                | 11.6             | 35.2         | 9.0     |
| 27    | AP 700CL           | SWW   | 91.3                         | 15   |                   |      |                   |      | 61.8                | 11.9             | 35.2         | 9.4     |
| 22    | ORCF-102           | SWW   | 90.8                         | 16   | 81.9              | 8    | 80.0              | 13   | 61.6                | 12.0             | 36.0         | 8.0     |
| 34    | OR9901619          | SWW   | 90.1                         | 17   | 81.4              | 9    | 87.4              | 4    | 62.0                | 12.0             | 35.4         | 8.9     |
| 30    | CARA               | Club  | 88.6                         | 18   | 80.6              | 10   |                   |      | 59.4                | 11.6             | 33.3         | 7.0     |
| 32    | ARS00235           | Club  | 88.4                         | 19   |                   |      |                   |      | 61.1                | 11.9             | 36.2         | 8.0     |
| 7     | ORSS-1757          | SWW   | 87.9                         | 20   | 79.7              | 13   | 78.9              | 15   | 62.1                | 11.8             | 36.0         | 8.7     |
| 11    | SIMON              | SWW   | 87.6                         | 21   | 75.6              | 19   | 79.2              | 14   | 61.1                | 11.8             | 37.2         | 8.6     |
| 4     | WEATHERFORD*       | SWW   | 87.4                         | 22   | 78.3              | 16   | 77.8              | 16   | 61.6                | 11.7             | 36.8         | 8.7     |
| 24    | IDAHO 587          | SWW   | 87.4                         | 23   | 79.0              | 14   | 85.6              | 6    | 62.0                | 12.0             | 32.5         | 9.1     |
| 20    | 99x1009-23         | SWW   | 87.1                         | 24   |                   |      |                   |      | 61.2                | 12.1             | 35.6         | 8.4     |
| 12    | ID92-22407A        | SWW   | 86.4                         | 25   | 70.1              | 21   | 67.8              | 18   | 61.4                | 11.9             | 37.6         | 8.8     |
| 16    | XERPHA (WA 7973)   | SWW   | 85.6                         | 26   |                   |      |                   |      | 62.3                | 11.8             | 35.0         | 8.6     |
| 13    | ID9364901A         | SWW   | 85.0                         | 27   |                   |      |                   |      | 61.8                | 11.8             | 35.6         | 7.8     |
| 3     | GENE*              | SWW   | 82.2                         | 28   | 66.9              | 22   | 76.2              | 17   | 61.0                | 11.6             | 31.3         | 8.9     |
| 33    | ARS970278-2        | Club  | 82.0                         | 29   |                   |      |                   |      | 60.2                | 12.1             | 37.0         | 6.9     |
| 5     | TUBBS              | SWW   | 81.9                         | 30   | 78.3              | 15   | 80.4              | 11   | 60.7                | 11.8             | 35.4         | 8.4     |
| 39    | OR2050913          | SWW   | 80.6                         | 31   |                   |      |                   |      | 61.4                | 12.0             | 35.6         | 8.8     |
| 18    | BU6W00-523         | SWW   | 78.5                         | 32   |                   |      |                   |      | 62.4                | 12.1             | 34.6         | 7.9     |
| 23    | ORI2042037         | SWW   | 78.4                         | 33   | 75.9              | 18   |                   |      | 61.2                | 11.7             | 32.3         | 8.6     |
| 38    | OR2050910          | SWW   | 74.0                         | 34   |                   |      |                   |      | 60.9                | 11.5             | 36.6         | 9.2     |
| 40    | OR2050914          | SWW   | 70.1                         | 35   |                   |      |                   |      | 60.8                | 11.9             | 33.1         | 9.6     |
| 21    | ORCF-101           | SWW   | 66.6                         | 36   | 71.9              | 20   | 80.3              | 12   | 60.6                | 11.8             | 34.3         | 9.0     |
| 25    | ID99-435           | SWW   | 61.5                         | 37   | 66.8              | 23   |                   |      | 60.0                | 11.8             | 39.6         | 8.8     |
|       | Site Average       |       | 87.6                         |      | 79.2              |      | 81.9              |      | 61.4                | 11.8             | 35.3         | 8.5     |
|       | LSD (0.05)         |       | 23.1                         |      | 8.9               |      | 8.1               |      | 1.1                 | 0.4              | 4.1          | 1.1     |
|       | CV (%)             |       | 13.0                         |      | 8.9               |      | 10.0              |      | 0.9                 | 1.5              | 5.7          | 6.2     |

<sup>†</sup> 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.

<sup>‡</sup> 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.