

**2009 Oregon Soft Winter Elite Yield Trials - Lexington**

Site Quality Index<sup>1</sup> = 2.5

1 = Poor 3 = Average 5 = Excellent

Site Description: Heat and moisture stress contributed to lower yields at this location.

| Entry | Variety                   | Class | 2009 Yield Data <sup>2</sup> |      | 2-Year Yield Data |      | 3-Year Yield Data |      | 2009 Agronomic Data   |                        |                     |              |
|-------|---------------------------|-------|------------------------------|------|-------------------|------|-------------------|------|-----------------------|------------------------|---------------------|--------------|
|       |                           |       | Yield<br>bu/ac               | Rank | Yield<br>bu/ac    | Rank | Yield<br>bu/ac    | Rank | Test Weight<br>lbs/bu | Plant Height<br>inches | Heading Date<br>DOY | Protein<br>% |
| 19    | LEGION                    | SWWW  | 35.1                         | 1    | 35.0              | 2    | 40.0              | 1    | 60.5                  | 29.0                   | 146.5               | 9.2          |
| 5     | TUBBS 06                  | SWWW  | 34.6                         | 2    | 34.0              | 6    | 38.3              | 6    | 60.7                  | 27.7                   | 147.3               | 9.2          |
| 24    | ORCF-101 / ORCF-102 BLEND | SWWW  | 34.5                         | 3    |                   |      |                   |      | 61.1                  | 28.0                   | 147.0               | 8.9          |
| 22    | ORI2060306                | SWWW  | 34.0                         | 4    |                   |      |                   |      | 61.3                  | 29.0                   | 146.0               | 8.9          |
| 23    | ORCF-102                  | SWWW  | 34.0                         | 5    | 34.7              | 3    | 39.3              | 2    | 61.1                  | 27.0                   | 147.3               | 9.0          |
| 15    | MASAMI                    | SWWW  | 33.3                         | 6    | 33.3              | 10   | 39.1              | 3    | 61.2                  | 27.0                   | 149.3               | 8.6          |
| 16    | XERPHA                    | SWWW  | 33.0                         | 7    | 32.4              | 16   | 37.9              | 7    | 61.3                  | 27.7                   | 149.0               | 8.3          |
| 21    | ORCF-101                  | SWWW  | 32.9                         | 8    | 34.6              | 4    | 36.6              | 13   | 60.8                  | 27.3                   | 147.7               | 9.5          |
| 7     | GOETZE                    | SWWW  | 32.5                         | 9    | 28.4              | 24   | 32.6              | 21   | 60.6                  | 26.0                   | 143.5               | 9.3          |
| 2     | MADSEN*                   | SWWW  | 32.5                         | 10   | 32.6              | 15   | 36.8              | 12   | 61.2                  | 26.0                   | 148.7               | 9.2          |
| 40    | OR2050853                 | SWWW  | 32.5                         | 11   |                   |      |                   |      | 59.6                  | 26.0                   | 149.0               | 9.0          |
| 34    | OR2060324                 | SWWW  | 32.4                         | 12   |                   |      |                   |      | 57.1                  | 24.3                   | 150.3               | 8.5          |
| 3     | GENE*                     | SWWW  | 32.3                         | 13   | 36.0              | 1    | 38.4              | 5    | 60.1                  | 26.3                   | 144.3               | 9.3          |
| 13    | SKILES / TUBBS 06 BLEND   | SWWW  | 32.0                         | 14   |                   |      |                   |      | 61.6                  | 27.0                   | 147.3               | 9.1          |
| 26    | ID00859                   | SWWW  | 32.0                         | 15   | 33.7              | 8    | 36.8              | 11   | 60.5                  | 25.7                   | 147.7               | 9.2          |
| 37    | OR2060431                 | SWWW  | 31.9                         | 16   |                   |      |                   |      | 58.1                  | 26.7                   | 148.0               | 8.7          |
| 4     | TUBBS                     | SWWW  | 31.6                         | 17   | 32.4              | 17   | 37.0              | 9    | 60.6                  | 28.7                   | 146.0               | 8.7          |
| 20    | LEGACY                    | SWWW  | 31.6                         | 18   | 34.0              | 7    |                   |      | 60.7                  | 27.7                   | 147.7               | 8.6          |
| 14    | GOETZE / SKILES BLEND     | SWWW  | 31.5                         | 19   |                   |      |                   |      | 61.1                  | 26.3                   | 145.0               | 9.4          |
| 30    | OR2050910                 | SWWW  | 31.5                         | 20   | 32.7              | 14   | 34.9              | 17   | 59.4                  | 28.7                   | 147.7               | 8.8          |
| 31    | OR2040726                 | SWWW  | 31.5                         | 21   | 33.4              | 9    |                   |      | 61.5                  | 25.7                   | 146.3               | 9.2          |
| 25    | ORCF-103                  | SWWW  | 31.4                         | 22   | 32.1              | 19   | 36.9              | 10   | 60.6                  | 27.0                   | 148.3               | 8.9          |
| 36    | OR2060395                 | SWWW  | 31.3                         | 23   |                   |      |                   |      | 61.0                  | 26.0                   | 146.7               | 8.8          |
| 27    | AP700CL                   | SWWW  | 31.2                         | 24   | 31.8              | 20   | 34.7              | 18   | 61.4                  | 29.0                   | 146.7               | 9.3          |
| 8     | SKILES                    | SWWW  | 31.1                         | 25   | 32.3              | 18   | 37.1              | 8    | 62.5                  | 25.5                   | 146.0               | 9.0          |
| 32    | OR2050293                 | SWWW  | 31.1                         | 26   | 33.3              | 11   |                   |      | 59.9                  | 26.7                   | 147.0               | 9.5          |
| 38    | OR2060916                 | SWWW  | 31.1                         | 27   |                   |      |                   |      | 58.9                  | 27.0                   | 149.3               | 9.0          |
| 18    | SALUTE                    | SWWW  | 31.0                         | 28   | 34.6              | 5    | 38.8              | 4    | 60.8                  | 27.7                   | 147.0               | 9.1          |
| 6     | ORSS-1757                 | SWWW  | 30.9                         | 29   | 31.2              | 22   | 35.0              | 16   | 61.6                  | 27.7                   | 146.0               | 8.8          |
| 28    | CODA                      | Club  | 30.7                         | 30   | 33.2              | 12   | 34.2              | 19   | 61.3                  | 25.0                   | 150.7               | 8.9          |
| 35    | OR2060181                 | SWWW  | 30.0                         | 31   |                   |      |                   |      | 61.2                  | 26.0                   | 146.7               | 9.3          |
| 1     | STEPHENS*                 | SWWW  | 29.8                         | 32   | 27.9              | 26   | 34.2              | 20   | 61.2                  | 28.0                   | 144.3               | 9.6          |
| 10    | BITTERROOT                | SWWW  | 29.6                         | 33   | 31.5              | 21   | 35.8              | 15   | 62.2                  | 27.3                   | 148.7               | 9.3          |
| 11    | BRUNEAU                   | SWWW  | 29.4                         | 34   | 31.0              | 23   | 35.9              | 14   | 60.9                  | 26.3                   | 148.3               | 8.3          |
| 12    | ID D-05                   | SWWW  | 29.3                         | 35   |                   |      |                   |      | 64.0                  | 28.0                   | 145.7               | 10.4         |
| 9     | BRUNDAGE 96               | SWWW  | 29.2                         | 36   |                   |      |                   |      | 60.8                  | 25.7                   | 147.7               | 8.9          |
| 33    | OR2050301                 | SWWW  | 28.9                         | 37   | 33.1              | 13   |                   |      | 57.4                  | 27.0                   | 148.3               | 8.7          |
| 39    | OR2060926                 | SWWW  | 28.0                         | 38   |                   |      |                   |      | 57.8                  | 26.7                   | 150.0               | 9.9          |
| 17    | WESTBRED 528              | SWWW  | 24.4                         | 39   | 22.6              | 27   | 28.6              | 23   | 63.2                  | 26.5                   | 145.5               | 10.5         |
| 29    | CARA                      | Club  | 23.5                         | 40   | 28.3              | 25   | 30.2              | 22   | 57.7                  | 22.3                   | 152.0               | 9.4          |
|       | Site Average              |       | 31.2                         |      | 32.3              |      | 36.1              |      | 60.6                  | 26.8                   | 147.5               | 9.1          |
|       | LSD (0.05)                |       | 3.9                          |      | 3.5               |      | 2.9               |      | 0.7                   | 1.8                    | 1.5                 | 0.8          |
|       | CV (%)                    |       | 7.5                          |      | 9.3               |      | 8.6               |      | 0.7                   | 4.0                    | 0.6                 | 5.4          |

<sup>1</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 unpublshable

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>2</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.