

**Table 2. American Soybean Association 2002 soybean quality survey data.**

| Region               | State             | Number of Samples | Protein         |                    | Oil             |                    |  |
|----------------------|-------------------|-------------------|-----------------|--------------------|-----------------|--------------------|--|
|                      |                   |                   | Percent Average | Standard Deviation | Percent Average | Standard Deviation |  |
| Western<br>Corn Belt | Iowa              | 275               | 35.41           | 1.33               | 19.18           | 0.76               |  |
|                      | Kansas            | 27                | 35.54           | 1.56               | 19.31           | 0.84               |  |
|                      | Minnesota         | 106               | 34.55           | 1.59               | 19.27           | 0.73               |  |
|                      | Missouri          | 70                | 35.53           | 1.39               | 19.42           | 0.95               |  |
|                      | Nebraska          | 116               | 34.96           | 1.30               | 19.34           | 0.78               |  |
|                      | North Dakota      | 30                | 34.55           | 1.32               | 19.17           | 0.76               |  |
|                      | South Dakota      | 57                | 35.03           | 1.90               | 19.27           | 0.98               |  |
|                      | Averages          | 681               | 35.15           | 1.48               | 19.26           | 0.81               |  |
| Ranges               |                   |                   | 30.2-40.2       |                    | 16.5-22.6       |                    |  |
| Eastern<br>Corn Belt | Illinois          | 250               | 35.45           | 1.41               | 19.47           | 0.91               |  |
|                      | Indiana           | 117               | 36.36           | 1.53               | 19.17           | 1.11               |  |
|                      | Michigan          | 35                | 36.53           | 1.20               | 18.77           | 0.97               |  |
|                      | Ohio              | 94                | 35.44           | 1.72               | 19.60           | 1.18               |  |
|                      | Wisconsin         | 28                | 34.60           | 1.96               | 19.57           | 0.94               |  |
|                      | Averages          | 524               | 35.68           | 1.59               | 19.38           | 1.03               |  |
| Ranges               |                   |                   | 28.6-39.8       |                    | 16.3-22.6       |                    |  |
| Midsouth             | Arkansas          | 33                | 36.29           | 1.73               | 19.56           | 1.15               |  |
|                      | Kentucky          | 11                | 35.74           | 1.42               | 19.85           | 0.64               |  |
|                      | Louisiana         | 4                 | 37.33           | 0.49               | 19.53           | 0.68               |  |
|                      | Mississippi       | 25                | 36.45           | 1.44               | 19.38           | 0.97               |  |
|                      | Oklahoma          | 4                 | 37.13           | 1.60               | 19.24           | 0.53               |  |
|                      | Tennessee         | 13                | 36.37           | 1.26               | 19.53           | 0.73               |  |
|                      | Texas             | 5                 | 34.52           | 3.13               | 20.76           | 1.41               |  |
|                      | Averages          | 95                | 36.27           | 1.66               | 19.59           | 1.00               |  |
| Ranges               |                   |                   | 29.6-39.9       |                    | 17.2-23.0       |                    |  |
| Southeast            | Alabama           | 1                 | 37.10           | ---                | 19.60           | ---                |  |
|                      | Florida           | 1                 | 34.60           | ---                | 20.00           | ---                |  |
|                      | Georgia           | 1                 | 36.60           | ---                | 21.30           | ---                |  |
|                      | North Carolina    | 4                 | 34.55           | 1.15               | 19.93           | 1.04               |  |
|                      | South Carolina    | 1                 | 37.80           | ---                | 20.35           | ---                |  |
|                      | Averages          | 8                 | 35.54           | 1.58               | 20.12           | 0.86               |  |
| Ranges               |                   |                   | 33.1-37.8       |                    | 18.5-21.3       |                    |  |
| East Coast           | Delaware          | 2                 | 36.55           | 0.49               | 19.65           | 0.49               |  |
|                      | Maryland          | 7                 | 37.03           | 0.97               | 19.17           | 1.13               |  |
|                      | New Jersey        | 2                 | 37.00           | 0.71               | 19.40           | 1.13               |  |
|                      | New York          | 3                 | 35.90           | 0.53               | 18.53           | 0.67               |  |
|                      | Pennsylvania      | 3                 | 36.50           | 1.25               | 19.50           | 1.04               |  |
|                      | Virginia          | 2                 | 35.90           | 2.97               | 20.40           | 1.98               |  |
|                      | Averages          | 19                | 36.59           | 1.13               | 19.33           | 1.08               |  |
| Ranges               |                   |                   | 33.8-38.2       |                    | 17.2-21.8       |                    |  |
| USA                  | Averages          | 1327              | 35.46           | 1.58               | 19.34           | 0.93               |  |
|                      | Ranges            |                   |                 | 28.6-40.2          |                 | 16.3-23.0          |  |
|                      | 1986-2002 average |                   |                 | 35.40              |                 | 18.60              |  |

Basis: 13% Moisture