

## AgSource Holstein Benchmarks June 2014

|                                 | <100 Cows |         | 100-249 Cows |         | 250-499 Cows |         | 500-999 Cows |         | >= 1000 Cows |         |
|---------------------------------|-----------|---------|--------------|---------|--------------|---------|--------------|---------|--------------|---------|
|                                 | Average   | Top 25% | Average      | Top 25% | Average      | Top 25% | Average      | Top 25% | Average      | Top 25% |
| # Herds                         | 1957      | 490     | 743          | 186     | 271          | 68      | 130          | 33      | 91           | 23      |
| # Cows                          | 58        | 66      | 153          | 165     | 354          | 376     | 663          | 663     | 1907         | 1839    |
| <b>Herd Values</b>              |           |         |              |         |              |         |              |         |              |         |
| Milk lbs                        | 67        | 81      | 76           | 87      | 84           | 95      | 88           | 96      | 88           | 95      |
| MLM lbs                         | 71        | 86      | 79           | 91      | 89           | 100     | 92           | 102     | 91           | 99      |
| Fat lbs                         | 2.5       | 3.0     | 2.8          | 3.2     | 3.1          | 3.5     | 3.2          | 3.5     | 3.2          | 3.5     |
| Protein lbs                     | 2.0       | 2.5     | 2.3          | 2.6     | 2.5          | 2.9     | 2.7          | 2.9     | 2.7          | 2.9     |
| <b>Udder Health</b>             |           |         |              |         |              |         |              |         |              |         |
| SCC                             | 248       | 195     | 206          | 171     | 194          | 157     | 187          | 168     | 186          | 157     |
| LSSCC                           | 2.7       | 2.4     | 2.5          | 2.3     | 2.4          | 2.2     | 2.3          | 2.3     | 2.3          | 2.2     |
| % New Cases                     | 6.0       | 5.1     | 5.2          | 4.8     | 5.1          | 4.8     | 5.0          | 4.5     | 5.3          | 5.0     |
| % High Cases                    | 24.0      | 19.2    | 19.2         | 16.6    | 18.4         | 16.0    | 17.6         | 17.0    | 18.3         | 16.5    |
| % Recur Cases                   | 33.4      | 27.1    | 28.3         | 24.3    | 27.0         | 22.9    | 24.8         | 24.2    | 25.2         | 21.3    |
| Infect 1st Test                 | 3.2       | 2.4     | 2.6          | 2.1     | 2.2          | 1.8     | 2.1          | 1.8     | 2.0          | 1.8     |
| <b>1st Lactation Values</b>     |           |         |              |         |              |         |              |         |              |         |
| Peak DIM                        | 57        | 62      | 61           | 65      | 65           | 68      | 66           | 69      | 68           | 70      |
| Peak Milk                       | 70        | 83      | 78           | 87      | 85           | 94      | 87           | 94      | 87           | 94      |
| Milk lbs                        | 60        | 73      | 69           | 79      | 77           | 88      | 80           | 87      | 80           | 86      |
| MLM lbs                         | 67        | 80      | 75           | 86      | 84           | 95      | 87           | 94      | 86           | 93      |
| Fat lbs                         | 2.3       | 2.8     | 2.6          | 2.9     | 2.9          | 3.2     | 3.0          | 3.2     | 2.9          | 3.2     |
| Protein lbs                     | 1.9       | 2.2     | 2.1          | 2.4     | 2.3          | 2.6     | 2.4          | 2.7     | 2.4          | 2.6     |
| LSSCC                           | 2.4       | 2.2     | 2.2          | 2.0     | 2.1          | 1.9     | 2.0          | 2.0     | 2.0          | 1.9     |
| <b>2nd Lactation Values</b>     |           |         |              |         |              |         |              |         |              |         |
| Peak DIM                        | 49        | 53      | 53           | 56      | 56           | 59      | 58           | 60      | 60           | 62      |
| Peak Milk                       | 89        | 106     | 100          | 114     | 110          | 122     | 114          | 124     | 114          | 123     |
| Milk lbs                        | 69        | 84      | 78           | 89      | 87           | 98      | 91           | 99      | 92           | 99      |
| MLM lbs                         | 73        | 87      | 81           | 93      | 91           | 103     | 95           | 106     | 94           | 102     |
| Fat lbs                         | 2.6       | 3.1     | 2.9          | 3.2     | 3.2          | 3.6     | 3.3          | 3.6     | 3.3          | 3.6     |
| Protein lbs                     | 2.1       | 2.6     | 2.4          | 2.7     | 2.6          | 3.0     | 2.8          | 3.0     | 2.8          | 3.0     |
| LSSCC                           | 2.6       | 2.3     | 2.3          | 2.2     | 2.2          | 2.1     | 2.2          | 2.2     | 2.4          | 2.3     |
| TCI®                            | -143      | 680     | 93           | 716     | 254          | 647     | 299          | 706     | 27           | 644     |
| <b>3rd&gt; Lactation Values</b> |           |         |              |         |              |         |              |         |              |         |
| Peak DIM                        | 51        | 55      | 55           | 57      | 57           | 60      | 59           | 60      | 59           | 61      |
| Peak Milk                       | 96        | 115     | 107          | 122     | 118          | 131     | 123          | 133     | 122          | 133     |
| Milk lbs                        | 72        | 88      | 82           | 95      | 91           | 103     | 96           | 105     | 96           | 104     |
| MLM lbs                         | 74        | 90      | 82           | 94      | 92           | 105     | 97           | 109     | 96           | 104     |
| Fat lbs                         | 2.7       | 3.2     | 3.0          | 3.4     | 3.3          | 3.7     | 3.5          | 3.9     | 3.4          | 3.8     |
| Protein lbs                     | 2.2       | 2.6     | 2.4          | 2.8     | 2.7          | 3.1     | 2.9          | 3.2     | 2.9          | 3.1     |
| LSSCC                           | 3.1       | 2.8     | 2.9          | 2.7     | 2.8          | 2.6     | 2.8          | 2.8     | 2.8          | 2.6     |
| TCI®                            | 268       | 951     | 432          | 933     | 500          | 866     | 499          | 957     | 300          | 943     |

The Top 25% in each Herd size category is based on RHA Milk

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|                      | Average   | Top 25% | Average      | Top 25% | Average      | Top 25% | Average      | Top 25% | Average      | Top 25% |
| <b>Dry Period</b>    |           |         |              |         |              |         |              |         |              |         |
| Avg Days Dry         | 63        | 61      | 59           | 57      | 57           | 56      | 56           | 55      | 55           | 56      |
| % <40D Dry           | 15        | 11      | 15           | 11      | 10           | 9       | 8            | 6       | 7            | 5       |
| % 40-70D Dry         | 60        | 67      | 65           | 73      | 75           | 78      | 80           | 83      | 82           | 84      |
| % >70D Dry           | 24        | 20      | 19           | 14      | 13           | 11      | 11           | 9       | 10           | 9       |
| <b>Reproduction</b>  |           |         |              |         |              |         |              |         |              |         |
| Days to 1st Breeding | 105       | 96      | 92           | 86      | 83           | 80      | 77           | 76      | 75           | 76      |
| % Bred >90 DIM       | 19        | 19      | 16           | 17      | 12           | 12      | 9            | 7       | 4            | 3       |
| Days Open            | 147       | 137     | 135          | 132     | 134          | 132     | 125          | 128     | 123          | 126     |
| Serv. Conc.          | 1.9       | 1.9     | 2.0          | 2.2     | 2.3          | 2.3     | 2.3          | 2.4     | 2.3          | 2.4     |
| Serv. Rate           | 27.0      | 33.0    | 35.9         | 41.4    | 46.4         | 49.1    | 52.9         | 54.9    | 55.0         | 57.5    |
| Pregnancy Rate       | 11.7      | 13.7    | 15.1         | 16.4    | 17.7         | 18.7    | 20.8         | 20.6    | 21.4         | 22.1    |
| Pregnancy Loss Rate  | 2.8       | 3.2     | 3.7          | 4.0     | 5.4          | 5.8     | 6.3          | 7.1     | 6.9          | 8.0     |
| <b>Genetics</b>      |           |         |              |         |              |         |              |         |              |         |
| Serv. Sire NM\$      | 396       | 438     | 447          | 481     | 518          | 545     | 583          | 614     | 655          | 666     |
| Serv. Sire CM\$      | 425       | 469     | 478          | 512     | 555          | 583     | 627          | 662     | 703          | 712     |
| Cow NM\$             | 145       | 179     | 168          | 195     | 200          | 220     | 231          | 252     | 249          | 235     |
| Cow CM\$             | 152       | 185     | 175          | 200     | 207          | 226     | 242          | 262     | 260          | 241     |

The Top 25% in each Herd size category is based on RHA Milk