### JH1 STATUS BASED ON 6K GENOTYPE: TESTED FREE (J H1F)

Jersey Haplotype 1 was not identified and the genetic code JH1F has been designated for this animal. JH1 is associated with embryo loss. No live calf results when JH1 is inherited from both sire and dam. At the direction of the AJCA Board of Directors, all 6K or higher density genotyped males and females will be designated with genetic codes associated with JH1 as follows: Carrier of J H1 as J H1C; Tested free of J H1 as J H1F. JH1 test status will be included on Genomic Evaluation Reports, Official AJCA Performance Pedigrees, Performance-Progeny Reports and genetic evaluation reports.

**Note:** The December 2011 Traditional Evaluations for yield traits and the AJCA index trait JPI are shown below in the third column from the right. Adjustments are applied by AIPL to Traditional Evaluations for yield traits to correct for bias in female genetic evaluations. The Adjusted Evaluations for March 2012 are provided for index and yield traits. The impact of genomic information can be assessed by comparing Genomic Evaluation with the Adjusted Evaluation (column Genomic Impact).

#### INDEX

<table>
<thead>
<tr>
<th>Trait</th>
<th>Genomic Evaluation</th>
<th>Adjusted Evaluation</th>
<th>Genomic Impact</th>
<th>Traditional Eval 12/2011</th>
<th>Genomic REL %</th>
<th>Traditional REL %</th>
</tr>
</thead>
<tbody>
<tr>
<td>J PI</td>
<td>76</td>
<td>59</td>
<td>17</td>
<td>59</td>
<td>70</td>
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<tr>
<td>Net Merit ($)</td>
<td>219</td>
<td>148</td>
<td>71</td>
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<td>Cheese Merit ($)</td>
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<td>134</td>
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<td>Fluid Merit ($)</td>
<td>220</td>
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#### YIELD

<table>
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<tr>
<th>Trait</th>
<th>Genomic Evaluation</th>
<th>Adjusted Evaluation</th>
<th>Genomic Impact</th>
<th>Traditional Eval 12/2011</th>
<th>Genomic REL %</th>
<th>Traditional REL %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Milk (lb)</td>
<td>437</td>
<td>441</td>
<td>-4</td>
<td>441</td>
<td>75</td>
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<tr>
<td>Fat (lb)</td>
<td>23</td>
<td>11</td>
<td>12</td>
<td>11</td>
<td>75</td>
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<tr>
<td>Fat (%)</td>
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<td>-0.05</td>
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<td>75</td>
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<td>Protein (lb)</td>
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<td>-2</td>
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<td>Protein (%)</td>
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#### HEALTH and FITNESS

<table>
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<th>Trait</th>
<th>Genomic Evaluation</th>
<th>Traditional Eval 12/2011</th>
<th>Genomic Impact</th>
<th>Genomic REL %</th>
<th>Traditional REL %</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pregnancy rate (%)</td>
<td>0.2</td>
<td>0.2</td>
<td>0.0</td>
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<td>Productive life (mo)</td>
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<td>1.8</td>
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<td>Somatic cell score</td>
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#### TYPE

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<th>Trait</th>
<th>Genomic Evaluation</th>
<th>Traditional Eval 12/2011</th>
<th>Genomic Impact</th>
<th>Genomic REL %</th>
<th>Traditional REL %</th>
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<tbody>
<tr>
<td>Final score (PTAT)</td>
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<td>Rear udder height</td>
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<tr>
<td>Rear udder width</td>
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<td>Udder cleft</td>
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