

2016 Management Centre (Based on 2016 Herd Averages)

ONTARIO DHI HERDS



| MANAGEMENT CENTRE | PERCENTILES | | | | | | | | |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 90 TH | 80 TH | 70 TH | 60 TH | 50 TH | 40 TH | 30 TH | 20 TH | 10 TH |
| Milk Value: Holstein Average of Current 305 Day Lactations* | \$8,264 | \$7,871 | \$7,562 | \$7,314 | \$7,065 | \$6,840 | \$6,561 | \$6,151 | \$5,601 |
| Milk Value: Non-Holstein Average of Current 305 Day Lactations* | \$7,015 | \$6,608 | \$6,221 | \$6,012 | \$5,753 | \$5,511 | \$5,208 | \$4,933 | \$4,429 |
| Udder Health Herd Average Linear Score | 2.2 | 2.4 | 2.5 | 2.6 | 2.8 | 2.9 | 3.0 | 3.2 | 3.4 |
| Age at First Calving First Lactation (months) | 23.6 | 24.1 | 24.5 | 25.0 | 25.5 | 26.0 | 26.6 | 27.6 | 29.2 |
| Calving Interval Herd Average (months) | 12.8 | 13.1 | 13.3 | 13.5 | 13.7 | 13.9 | 14.2 | 14.6 | 15.2 |
| Longevity Annual Herd 3rd+ Lactations | 48.2% | 43.9% | 41.2% | 38.9% | 37.2% | 35.3% | 33.3% | 30.6% | 27.1% |
| Herd Efficiency Average Herd in Milk | 90.3% | 89.2% | 88.3% | 87.5% | 86.7% | 85.8% | 84.4% | 82.8% | 79.6% |

* Value after deductions/transportation

2016 Management Centre (Based on 2016 Herd Averages)

MANITOBA, ALBERTA, SASKATCHEWAN DHI HERDS



| MANAGEMENT CENTRE | PERCENTILES | | | | | | | | |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 90 TH | 80 TH | 70 TH | 60 TH | 50 TH | 40 TH | 30 TH | 20 TH | 10 TH |
| Milk Value: Holstein Average of Current 305 Day Lactations* | \$8,453 | \$8,120 | \$7,832 | \$7,637 | \$7,340 | \$7,110 | \$6,883 | \$6,479 | \$5,791 |
| Milk Value: Non-Holstein Average of Current 305 Day Lactations* | \$7,154 | \$6,791 | \$6,399 | \$6,278 | \$6,035 | \$5,712 | \$5,423 | \$5,104 | \$4,262 |
| Udder Health Herd Average Linear Score | 2.0 | 2.2 | 2.4 | 2.5 | 2.6 | 2.7 | 2.9 | 3.0 | 3.3 |
| Age at First Calving First Lactation (months) | 23.7 | 24.2 | 24.7 | 25.0 | 25.5 | 25.9 | 26.6 | 27.5 | 29.0 |
| Calving Interval Herd Average (months) | 12.8 | 12.9 | 13.1 | 13.3 | 13.5 | 13.8 | 14.1 | 14.5 | 15.5 |
| Longevity Annual Herd 3rd+ Lactations | 44.4% | 40.9% | 38.5% | 36.3% | 35.0% | 33.7% | 31.5% | 29.0% | 25.7% |
| Herd Efficiency Average Herd in Milk | 89.0% | 87.7% | 86.9% | 85.7% | 84.6% | 83.4% | 81.8% | 79.8% | 75.5% |

* Value after deductions/transportation

2016 Management Centre (Based on 2016 Herd Averages)

BRITISH COLUMBIA DHI HERDS



| MANAGEMENT CENTRE | PERCENTILES | | | | | | | | |
|---|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | 90 TH | 80 TH | 70 TH | 60 TH | 50 TH | 40 TH | 30 TH | 20 TH | 10 TH |
| Milk Value: Holstein Average of Current 305 Day Lactations* | \$8,637 | \$8,407 | \$8,085 | \$7,855 | \$7,664 | \$7,508 | \$7,234 | \$6,936 | \$6,309 |
| Milk Value: Non-Holstein Average of Current 305 Day Lactations* | \$7,687 | \$7,377 | \$7,008 | \$6,817 | \$6,535 | \$6,183 | \$5,939 | \$5,497 | \$4,545 |
| Udder Health Herd Average Linear Score | 1.8 | 1.9 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.7 | 2.9 |
| Age at First Calving First Lactation (months) | 23.8 | 24.3 | 24.6 | 25.0 | 25.4 | 25.8 | 26.3 | 27.0 | 28.9 |
| Calving Interval Herd Average (months) | 13.0 | 13.2 | 13.4 | 13.6 | 13.8 | 13.9 | 14.2 | 14.6 | 15.3 |
| Longevity Annual Herd 3rd+ Lactations | 46.0% | 42.2% | 39.0% | 36.6% | 34.6% | 33.1% | 31.7% | 29.2% | 26.1% |
| Herd Efficiency Average Herd in Milk | 90.0% | 88.8% | 88.0% | 87.5% | 86.9% | 86.3% | 85.6% | 85.0% | 82.8% |

* Value after deductions/transportation

2016 Management Centre (Based on 2016 Herd Averages)

CANADA DHI HERDS



| MANAGEMENT CENTRE | | PERCENTILES | | | | | | | | |
|--|---------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | MAX | 90 TH | 80 TH | 70 TH | 60 TH | 50 TH | 40 TH | 30 TH | 20 TH | 10 TH |
| Milk Value: Holstein | | | | | | | | | | |
| Average of Current 305 Day Lactations* | >\$9,941 | \$8,256 | \$7,832 | \$7,574 | \$7,324 | \$7,087 | \$6,866 | \$6,600 | \$6,252 | \$5,710 |
| SCORE | 500 | 451 | 401 | 351 | 301 | 251 | 201 | 151 | 100 | 51 |
| Milk Value: Non-Holstein | | | | | | | | | | |
| Average of Current 305 Day Lactations* | >\$9,033 | \$7,009 | \$6,579 | \$6,253 | \$6,021 | \$5,772 | \$5,562 | \$5,290 | \$5,000 | \$4,543 |
| SCORE | 500 | 450 | 400 | 350 | 301 | 251 | 200 | 150 | 100 | 50 |
| Udder Health | | | | | | | | | | |
| Herd Average Linear Score | <1.6 | 2.0 | 2.2 | 2.4 | 2.5 | 2.6 | 2.7 | 2.9 | 3.0 | 3.3 |
| SCORE | 150 | 139 | 126 | 107 | 95 | 83 | 71 | 49 | 39 | 17 |
| Age at First Calving | | | | | | | | | | |
| First Lactation (months) | <22.8 | 23.9 | 24.4 | 24.8 | 25.1 | 25.5 | 26.0 | 26.5 | 27.4 | 28.9 |
| SCORE | 100 | 91 | 81 | 71 | 61 | 51 | 41 | 31 | 21 | 11 |
| Calving Interval | | | | | | | | | | |
| Herd Average (months) | <13.2 | 12.8 | 13.1 | 13.2 | 13.4 | 13.6 | 13.9 | 14.1 | 14.5 | 15.1 |
| SCORE | 50 | 50 | 50 | 45 | 38 | 32 | 26 | 20 | 13 | 7 |
| Longevity | | | | | | | | | | |
| Annual Herd 3rd+ Lactations | 49.5 - 55.0% | 50.3% | 46.0% | 43.2% | 40.9% | 38.8% | 36.7% | 34.6% | 32.1% | 28.3% |
| SCORE | 100 | 100 | 92 | 78 | 64 | 52 | 40 | 30 | 20 | 10 |
| Herd Efficiency | | | | | | | | | | |
| Average Herd in Milk | 86.1% - 89.1% | 90.2% | 89.2% | 88.3% | 87.7% | 87.0% | 86.2% | 85.2% | 83.8% | 81.3% |
| SCORE | 100 | 75 | 99 | 100 | 100 | 100 | 100 | 77 | 51 | 26 |

* Value after deductions/transportation

HOW PERCENTILES WORK: If all herds/animals were arranged in order from lowest to highest, the 75th percentile would be the value of the herd that is better than 75% of all the other herds. The 99th percentile value is that which is better than 99% of all the other herds.

Valeurs de référence quant aux aspects de gestion 2016

Pour tous les troupeaux inscrits auprès de l'Ontario DHI selon les moyennes de 2016 des troupeaux



| ASPECT DE GESTION | R A N G C E N T I L E | | | | | | | | |
|---|-----------------------|----------|----------|----------|----------|----------|----------|----------|----------|
| | 90e | 80e | 70e | 60e | 50e | 40e | 30e | 20e | 10e |
| Valeur du lait (Holstein) Moy. des lactations actuelles de jours* | 8,264 \$ | 7,871 \$ | 7,562 \$ | 7,314 \$ | 7,065 \$ | 6,840 \$ | 6,561 \$ | 6,151 \$ | 5,601 \$ |
| Valeur du lait (Autre Race) Moy. des lactations actuelles de jours* | 7,015 \$ | 6,608 \$ | 6,221 \$ | 6,012 \$ | 5,753 \$ | 5,511 \$ | 5,208 \$ | 4,933 \$ | 4,429 \$ |
| Santé du pis Pointage linéaire moyenne du troupeau | 2.2 | 2.4 | 2.5 | 2.6 | 2.8 | 2.9 | 3.0 | 3.2 | 3.4 |
| Âge au premier vêlage Première lactation seulement en mois | 23.6 | 24.1 | 24.5 | 25.0 | 25.5 | 26.0 | 26.6 | 27.6 | 29.2 |
| Intervalle de vêlage Moyenne du troupeau, en mois | 12.8 | 13.1 | 13.3 | 13.5 | 13.7 | 13.9 | 14.2 | 14.6 | 15.2 |
| Longévité % annuel du troupeau en lactation | 48.2% | 43.9% | 41.2% | 38.9% | 37.2% | 35.3% | 33.3% | 30.6% | 27.1% |
| % de vaches en lactation % annuel du troupeau en lactation | 90.3% | 89.2% | 88.3% | 87.5% | 86.7% | 85.8% | 84.4% | 82.8% | 79.6% |

* Valeur après déductions/transport

Comment travail de percentiles? Si tous les troupeau (des animaux ont pu être substitués aux troupeaux) étaient arrangés dans l'ordre de le plus bas à le plus haut. Le soixante-quinzième percentile seraient la valeur du troupeau qui est meilleur que 75% de tous les autres troupeaux. La quatre-vingt-dix-neuvième valeur de percentile est ce qui est meilleure que 99% de tous autres troupeaux.

Valeurs de référence quant aux aspects de gestion 2016

Pour tous les troupeaux inscrits auprès de **CANADA DHI** selon les moyennes de 2016 des troupeaux



| ASPECT DE GESTION | | R A N G C E N T I L E | | | | | | | | | |
|---|---------------|-----------------------|------------|------------|------------|------------|------------|------------|------------|-----------|-----|
| | | MAX | 90e | 80e | 70e | 60e | 50e | 40e | 30e | 20e | 10e |
| Valeur du lait (Holstein) Moy. des lactations actuelles de jours* | >9,941 \$ | 8,256 \$ | 7,832 \$ | 7,574 \$ | 7,324 \$ | 7,087 \$ | 6,866 \$ | 6,600 \$ | 6,252 \$ | 5,710 \$ | |
| POINTS | 500 | 451 | 401 | 351 | 301 | 251 | 201 | 151 | 100 | 51 | |
| Valeur du lait (Autre Race) Moy. des lactations actuelles de jours* | >9,033 \$ | 7,009 \$ | 6,579 \$ | 6,253 \$ | 6,021 \$ | 5,772 \$ | 5,562 \$ | 5,290 \$ | 5,000 \$ | 4,543 \$ | |
| POINTS | 500 | 450 | 400 | 350 | 301 | 251 | 200 | 150 | 100 | 50 | |
| Santé du pis Pointage linéaire moyenne du troupeau | <1.6 | 2.0 | 2.2 | 2.4 | 2.5 | 2.6 | 2.7 | 2.9 | 3.0 | 3.3 | |
| POINTS | 150 | 139 | 126 | 107 | 95 | 83 | 71 | 49 | 39 | 17 | |
| Âge au premier vêlage Première lactation seulement en mois | <22.8 | 23.9 | 24.4 | 24.8 | 25.1 | 25.5 | 26.0 | 26.5 | 27.4 | 28.9 | |
| POINTS | 100 | 91 | 81 | 71 | 61 | 51 | 41 | 31 | 21 | 11 | |
| Intervalle de vêlage Moyenne du troupeau, en mois | <13.2 | 12.8 | 13.1 | 13.2 | 13.4 | 13.6 | 13.9 | 14.1 | 14.5 | 15.1 | |
| POINTS | 50 | 50 | 50 | 45 | 38 | 32 | 26 | 20 | 13 | 7 | |
| Longévité % annuel du troupeau en lactation | 49.5 - 55.0% | 50.3% | 46.0% | 43.2% | 40.9% | 38.8% | 36.7% | 34.6% | 32.1% | 28.3% | |
| POINTS | 100 | 100 | 92 | 78 | 64 | 52 | 40 | 30 | 20 | 10 | |
| % de vaches en lactation % annuel du troupeau en lactation | 86.1% - 89.1% | 90.2% | 89.2% | 88.3% | 87.7% | 87.0% | 86.2% | 85.2% | 83.8% | 81.3% | |
| POINTS | 100 | 75 | 99 | 100 | 100 | 100 | 100 | 77 | 51 | 26 | |

* Valeur après déductions/transport

Comment travail de percentiles? Si tous les troupeau (des animaux ont pu être substitués aux troupeaux) étaient arrangés dans l'ordre de le plus bas à le plus haut. Le soixante-quinzième percentile seraient la valeur du troupeau qui est meilleur que 75% de tous les autres troupeaux. La quatre-vingt-dix-neuvième valeur de percentile est ce qui est meilleure que 99% de tous autres troupeaux.

2016 CanWest DHI Reproduction Benchmarks by Herd Size (Ontario & West)

| COWS | | | | | | | | | | HEIFERS | | | | | |
|---|------------------|---------------------|-------------------|-----------------|-----------------------|------------|------------------------|------------|-----------------------|--------------------------|----------------------|------------------------|-------------------------|------------|------------------------|
| Herd Size & Percentile | Pregnancy Rate % | Insemination Rate % | Conception Rate % | DIM at 1st Bred | Pregnant at 150 DIM % | Times Bred | Pregnant to 1st Bred % | Days Open | Calving Interval (MO) | Age at 1st Calving (MO) | Age at 1st Bred (MO) | Age at Conception (MO) | Pregnant at 15 Months % | Times Bred | Pregnant to 1st Bred % |
| <= 50 Cows (808 herds in benchmark) | | | | | | | | | | (547 herds in benchmark) | | | | | |
| 10 | 6 | 19 | 24 | 114 | 15 | 2.5 | 18 | 153 | 15.5 | 28.6 | 17.9 | 19.1 | 0 | 2.3 | 33 |
| 25 | 9 | 28 | 30 | 99 | 25 | 2.2 | 26 | 135 | 14.6 | 26.7 | 16.3 | 17.4 | 5 | 2.0 | 45 |
| 50 | 12 | 37 | 37 | 86 | 38 | 1.8 | 35 | 121 | 13.9 | 25.0 | 15.9 | 15.9 | 20 | 1.6 | 58 |
| 75 | 16 | 46 | 44 | 77 | 50 | 1.5 | 46 | 108 | 13.4 | 24.3 | 14.3 | 14.9 | 38 | 1.4 | 70 |
| 90 | 19 | 51 | 53 | 72 | 60 | 1.3 | 56 | 97 | 12.9 | 23.5 | 13.5 | 14.1 | 58 | 1.2 | 78 |
| 51-100 Cows (1,359 herds) | | | | | | | | | | (964 herds) | | | | | |
| 10 | 14 | 39 | 37 | 84 | 41 | 1.9 | 36 | 119 | 13.8 | 28.2 | 17.5 | 18.8 | 0 | 2.2 | 38 |
| 25 | 15 | 42 | 39 | 81 | 44 | 1.8 | 39 | 115 | 13.6 | 26.5 | 16.2 | 17.2 | 7 | 1.9 | 50 |
| 50 | 17 | 47 | 43 | 76 | 51 | 1.6 | 44 | 109 | 13.3 | 25.3 | 15.0 | 15.8 | 24 | 1.7 | 59 |
| 75 | 20 | 51 | 49 | 71 | 58 | 1.5 | 51 | 101 | 13.0 | 24.3 | 14.1 | 14.9 | 44 | 1.5 | 70 |
| 90 | 22 | 56 | 55 | 66 | 66 | 1.3 | 58 | 94 | 12.8 | 23.6 | 13.4 | 14.1 | 62 | 1.3 | 81 |
| 101-150 Cows (585 herds) | | | | | | | | | | (439 herds) | | | | | |
| 10 | 9 | 25 | 30 | 108 | 26 | 2.3 | 26 | 139 | 14.9 | 27.3 | 16.8 | 17.9 | 3 | 2.2 | 41 |
| 25 | 12 | 35 | 34 | 92 | 37 | 2.1 | 33 | 127 | 14.0 | 25.9 | 15.6 | 16.5 | 13 | 1.9 | 51 |
| 50 | 16 | 44 | 40 | 81 | 49 | 1.9 | 40 | 115 | 13.5 | 24.8 | 14.6 | 15.5 | 32 | 1.7 | 60 |
| 75 | 20 | 52 | 46 | 74 | 58 | 1.7 | 46 | 105 | 13.0 | 23.9 | 13.9 | 14.7 | 51 | 1.5 | 69 |
| 90 | 23 | 58 | 51 | 67 | 67 | 1.5 | 52 | 98 | 12.7 | 23.4 | 13.3 | 13.9 | 69 | 1.3 | 81 |
| 151-300 Cows (378 herds) | | | | | | | | | | (293 herds) | | | | | |
| 10 | 11 | 32 | 29 | 99 | 31 | 2.3 | 27 | 137 | 14.6 | 26.2 | 16.3 | 16.9 | 6 | 2.2 | 44 |
| 25 | 14 | 40 | 34 | 87 | 43 | 2.1 | 33 | 121 | 13.8 | 25.4 | 15.2 | 15.9 | 21 | 1.9 | 52 |
| 50 | 18 | 48 | 39 | 78 | 52 | 1.9 | 38 | 111 | 13.3 | 24.5 | 14.4 | 15.1 | 38 | 1.7 | 60 |
| 75 | 20 | 53 | 42 | 73 | 59 | 1.8 | 43 | 105 | 13.0 | 23.8 | 13.8 | 14.5 | 54 | 1.5 | 68 |
| 90 | 24 | 60 | 47 | 68 | 68 | 1.6 | 50 | 98 | 12.7 | 23.2 | 13.2 | 13.8 | 69 | 1.3 | 86 |
| >300 Cows (142 herds) | | | | | | | | | | (120 herds) | | | | | |
| 10 | 13 | 39 | 30 | 96 | 40 | 2.4 | 27 | 125 | 14.0 | 26.3 | 15.7 | 16.9 | 10 | 2.2 | 43 |
| 25 | 17 | 47 | 34 | 83 | 47 | 2.2 | 33 | 116 | 13.7 | 25.1 | 14.7 | 15.4 | 31 | 2.0 | 49 |
| 50 | 19 | 54 | 37 | 74 | 54 | 2.0 | 39 | 108 | 13.2 | 24.2 | 13.9 | 14.6 | 49 | 1.8 | 57 |
| 75 | 23 | 61 | 42 | 68 | 63 | 1.9 | 42 | 102 | 12.9 | 23.4 | 13.4 | 14.1 | 69 | 1.6 | 63 |
| 90 | 26 | 66 | 46 | 64 | 70 | 1.7 | 47 | 95 | 12.6 | 22.9 | 12.8 | 13.5 | 74 | 1.3 | 73 |

Cow Eligibility: Conception Rate >10% and <80% • Cows Bred >30% • Cows Pregnant >10% • Natural Services Included

Heifer Eligibility: Breeding Age Heifers (>12 months) to Total Cows >=25% • Heifers Bred >30% • Heifers Pregnant >10% • Natural Services Included

2016 CanWest DHI Reproduction Benchmarks by Province

| COWS | | | | | | | | | | HEIFERS | | | | | |
|-------------------------|------------------|---------------------|-------------------|-----------------|-----------------------|------------|------------------------|------------|-----------------------|-------------------------|----------------------|------------------------|-------------------------|------------|------------------------|
| Province & Percentile | Pregnancy Rate % | Insemination Rate % | Conception Rate % | DIM at 1st Bred | Pregnant at 150 DIM % | Times Bred | Pregnant to 1st Bred % | Days Open | Calving Interval (MO) | Age at 1st Calving (MO) | Age at 1st Bred (MO) | Age at Conception (MO) | Pregnant at 15 Months % | Times Bred | Pregnant to 1st Bred % |
| Ontario | | | | | | | | | | | | | | | |
| 25 | 11 | 33 | 32 | 92 | 30 | 2.2 | 28 | 128 | 14.3 | 26.2 | 15.8 | 16.8 | 9 | 2.0 | 48 |
| 50 | 14 | 42 | 37 | 81 | 43 | 1.9 | 36 | 116 | 13.6 | 24.9 | 14.7 | 15.6 | 27 | 1.7 | 58 |
| 75 | 18 | 50 | 43 | 73 | 54 | 1.6 | 44 | 105 | 13.2 | 24.0 | 13.9 | 14.6 | 48 | 1.5 | 68 |
| 90 | 22 | 56 | 51 | 68 | 64 | 1.4 | 52 | 97 | 12.8 | 23.3 | 13.3 | 13.9 | 67 | 1.3 | 77 |
| Manitoba | | | | | | | | | | | | | | | |
| 25 | 10 | 26 | 35 | 102 | 29 | 2.0 | 32 | 136 | 14.8 | 26.8 | 16.8 | 17.1 | 3 | 1.9 | 45 |
| 50 | 14 | 37 | 41 | 87 | 41 | 1.8 | 40 | 117 | 13.8 | 25.4 | 15.4 | 15.9 | 17 | 1.7 | 59 |
| 75 | 19 | 46 | 46 | 75 | 57 | 1.5 | 50 | 108 | 13.2 | 24.4 | 14.4 | 14.9 | 37 | 1.5 | 68 |
| 90 | 22 | 54 | 54 | 68 | 65 | 1.3 | 58 | 99 | 12.9 | 23.7 | 13.3 | 14.2 | 57 | 1.2 | 79 |
| Saskatchewan | | | | | | | | | | | | | | | |
| 25 | 12 | 33 | 34 | 95 | 31 | 2.1 | 33 | 130 | 14.3 | 25.7 | 15.6 | 16.1 | 16 | 1.8 | 57 |
| 50 | 15 | 41 | 39 | 83 | 45 | 1.9 | 39 | 118 | 13.8 | 24.9 | 14.6 | 15.1 | 37 | 1.4 | 71 |
| 75 | 17 | 47 | 45 | 77 | 54 | 1.7 | 46 | 110 | 13.3 | 23.7 | 14.0 | 14.3 | 49 | 1.0 | 98 |
| 90 | 20 | 53 | 50 | 73 | 63 | 1.5 | 51 | 102 | 12.9 | 23.3 | 13.4 | 13.9 | 65 | 1.0 | 100 |
| Alberta | | | | | | | | | | | | | | | |
| 25 | 12 | 32 | 36 | 94 | 38 | 2.0 | 37 | 125 | 14.0 | 26.0 | 15.9 | 16.3 | 8 | 1.8 | 56 |
| 50 | 16 | 42 | 43 | 82 | 50 | 1.8 | 42 | 114 | 13.4 | 24.8 | 14.9 | 15.5 | 26 | 1.5 | 66 |
| 75 | 20 | 50 | 48 | 75 | 60 | 1.6 | 49 | 105 | 12.9 | 24.0 | 14.1 | 14.7 | 46 | 1.3 | 79 |
| 90 | 24 | 57 | 53 | 69 | 67 | 1.4 | 56 | 96 | 12.7 | 23.5 | 13.5 | 14.0 | 65 | 1.1 | 97 |
| British Columbia | | | | | | | | | | | | | | | |
| 25 | 12 | 32 | 34 | 103 | 35 | 2.1 | 34 | 134 | 14.2 | 26.0 | 15.8 | 16.6 | 11 | 1.9 | 50 |
| 50 | 15 | 42 | 39 | 92 | 48 | 1.9 | 39 | 123 | 13.7 | 25.0 | 14.8 | 15.7 | 29 | 1.7 | 59 |
| 75 | 18 | 49 | 45 | 82 | 55 | 1.7 | 46 | 113 | 13.3 | 24.2 | 14.2 | 14.9 | 45 | 1.5 | 68 |
| 90 | 21 | 56 | 52 | 75 | 62 | 1.5 | 54 | 108 | 13.0 | 23.6 | 13.6 | 14.4 | 62 | 1.4 | 75 |

Cow Eligibility: Conception Rate >10% and <80% • Cows Bred >30% • Cows Pregnant >10% • Natural Services Included

Heifer Eligibility: Breeding Age Heifers (>12 months) to Total Cows >=25% • Heifers Bred >30% • Heifers Pregnant >10% • Natural Services Included

2016 MANAGEMENT BENCHMARKS

ALL CANADIAN PROVINCES (based on DHI Herd Averages)



Free Stall: 1,799 Herds

| Management Centre | 90th | 80th | 70th | 60th | 50th | 40th | 30th | 20th | 10th |
|----------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Milk Value (Holstein) | \$8,439 | \$8,027 | \$7,760 | \$7,545 | \$7,313 | \$7,081 | \$6,853 | \$6,485 | \$5,929 |
| Milk Value (Coloured Breeds) | \$7,323 | \$6,904 | \$6,517 | \$6,229 | \$5,931 | \$5,660 | \$5,443 | \$5,102 | \$4,583 |
| Udder Health (Linear Score) | 2.0 | 2.1 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.9 | 3.1 |
| Age At First Calving (Months) | 23.5 | 24.0 | 24.4 | 24.7 | 25.2 | 25.6 | 26.2 | 27.0 | 28.6 |
| Calving Interval (Months) | 12.7 | 12.9 | 13.1 | 13.2 | 13.4 | 13.6 | 13.8 | 14.1 | 14.7 |
| Longevity (% herd in 3rd lact+) | 46.5% | 42.6% | 40.1% | 38.0% | 36.1% | 34.4% | 32.6% | 30.3% | 26.8% |
| Herd Efficiency (% herd in milk) | 90.1% | 89.1% | 88.3% | 87.6% | 87.0% | 86.3% | 85.4% | 84.1% | 81.7% |

Robotic Milking: 548 Herds

| Management Centre | 90th | 80th | 70th | 60th | 50th | 40th | 30th | 20th | 10th |
|----------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Milk Value (Holstein) | \$8,545 | \$8,205 | \$7,982 | \$7,705 | \$7,572 | \$7,382 | \$7,137 | \$6,852 | \$6,424 |
| Milk Value (Coloured Breeds) | \$7,314 | \$7,053 | \$6,886 | \$6,698 | \$6,389 | \$6,113 | \$5,701 | \$5,375 | \$4,929 |
| Udder Health (Linear Score) | 2.1 | 2.3 | 2.4 | 2.5 | 2.6 | 2.8 | 2.9 | 3.1 | 3.4 |
| Age At First Calving (Months) | 23.7 | 24.1 | 24.5 | 24.9 | 25.2 | 25.6 | 26.0 | 26.5 | 27.4 |
| Calving Interval (Months) | 12.7 | 13.0 | 13.1 | 13.3 | 13.4 | 13.6 | 13.8 | 14.1 | 14.7 |
| Longevity (% herd in 3rd lact+) | 46.1% | 42.8% | 40.5% | 38.5% | 36.8% | 34.9% | 33.2% | 30.9% | 27.0% |
| Herd Efficiency (% herd in milk) | 89.5% | 88.4% | 87.8% | 87.2% | 86.5% | 85.7% | 84.6% | 83.3% | 81.2% |

Tie Stall: 5,457 Herds

| Management Centre | 90th | 80th | 70th | 60th | 50th | 40th | 30th | 20th | 10th |
|----------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Milk Value (Holstein) | \$8,122 | \$7,714 | \$7,444 | \$7,185 | \$6,965 | \$6,739 | \$6,473 | \$6,131 | \$5,601 |
| Milk Value (Coloured Breeds) | \$6,777 | \$6,452 | \$6,146 | \$5,928 | \$5,667 | \$5,475 | \$5,219 | \$4,952 | \$4,488 |
| Udder Health (Linear Score) | 2.0 | 2.2 | 2.4 | 2.5 | 2.6 | 2.8 | 2.9 | 3.1 | 3.3 |
| Age At First Calving (Months) | 24.0 | 24.5 | 24.9 | 25.3 | 25.7 | 26.1 | 26.7 | 27.5 | 29.1 |
| Calving Interval (Months) | 12.9 | 13.2 | 13.3 | 13.5 | 13.7 | 14.0 | 14.2 | 14.6 | 15.2 |
| Longevity (% herd in 3rd lact+) | 51.3% | 47.1% | 44.1% | 41.9% | 39.9% | 37.8% | 35.6% | 33.0% | 28.9% |
| Herd Efficiency (% herd in milk) | 90.3% | 89.3% | 88.4% | 87.7% | 87.0% | 86.2% | 85.2% | 83.7% | 81.2% |

Organic: 145 Herds

| Management Centre | 90th | 80th | 70th | 60th | 50th | 40th | 30th | 20th | 10th |
|----------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Milk Value (Holstein)* | \$8,469 | \$8,019 | \$7,726 | \$7,414 | \$7,040 | \$6,788 | \$6,386 | \$6,031 | \$5,517 |
| Milk Value (Coloured Breeds)* | \$7,379 | \$6,849 | \$6,523 | \$6,376 | \$6,060 | \$5,863 | \$5,505 | \$5,237 | \$4,516 |
| Udder Health (Linear Score) | 2.5 | 2.7 | 2.8 | 2.9 | 3.0 | 3.1 | 3.2 | 3.3 | 3.7 |
| Age At First Calving (Months) | 24.5 | 25.2 | 25.6 | 26.0 | 26.6 | 26.9 | 27.9 | 29.0 | 30.7 |
| Calving Interval (Months) | 12.9 | 13.1 | 13.4 | 13.6 | 13.9 | 14.0 | 14.4 | 14.7 | 15.5 |
| Longevity (% herd in 3rd lact+) | 57.5% | 52.1% | 50.3% | 48.1% | 46.2% | 43.6% | 41.6% | 39.2% | 35.7% |
| Herd Efficiency (% herd in milk) | 90.2% | 89.3% | 87.9% | 87.3% | 86.8% | 86.0% | 84.7% | 83.3% | 79.4% |

* Organic milk prices used to calculate milk value.