

## 2015 Management Centre (Based on 2015 Herd Averages)

# ONTARIO DHI HERDS



MANAGEMENT CENTRE	PERCENTILES								
	90 <sup>TH</sup>	80 <sup>TH</sup>	70 <sup>TH</sup>	60 <sup>TH</sup>	50 <sup>TH</sup>	40 <sup>TH</sup>	30 <sup>TH</sup>	20 <sup>TH</sup>	10 <sup>TH</sup>
<b>Milk Value: Holstein</b> Average of Current 305 Day Lactations*	\$8,027	\$7,608	\$7,354	\$7,113	\$6,858	\$6,596	\$6,299	\$5,900	\$5,342
<b>Milk Value: Non-Holstein</b> Average of Current 305 Day Lactations*	\$6,765	\$6,262	\$5,981	\$5,749	\$5,564	\$5,347	\$5,031	\$4,803	\$4,302
<b>Udder Health</b> Herd Average Linear Score	2.2	2.3	2.5	2.6	2.7	2.9	3.0	3.2	3.4
<b>Age at First Calving</b> First Lactation (months)	23.8	24.3	24.8	25.2	25.6	26.2	26.8	27.8	29.4
<b>Calving Interval</b> Herd Average (months)	12.8	13.1	13.3	13.5	13.7	14.0	14.3	14.6	15.3
<b>Longevity</b> Annual Herd 3rd+ Lactations	47.5%	43.5%	40.7%	38.4%	36.6%	34.7%	32.6%	30.0%	26.6%
<b>Herd Efficiency</b> Average Herd in Milk	90.5%	89.4%	88.5%	87.7%	86.9%	86.0%	84.9%	83.2%	80.0%

\* Value after deductions/transportation

## 2015 Management Centre (Based on 2015 Herd Averages)

# MANITOBA, ALBERTA, SASKATCHEWAN DHI HERDS



MANAGEMENT CENTRE	PERCENTILES								
	90 <sup>TH</sup>	80 <sup>TH</sup>	70 <sup>TH</sup>	60 <sup>TH</sup>	50 <sup>TH</sup>	40 <sup>TH</sup>	30 <sup>TH</sup>	20 <sup>TH</sup>	10 <sup>TH</sup>
<b>Milk Value: Holstein</b> Average of Current 305 Day Lactations*	\$8,254	\$7,838	\$7,610	\$7,349	\$7,128	\$6,894	\$6,624	\$6,200	\$5,605
<b>Milk Value: Non-Holstein</b> Average of Current 305 Day Lactations*	\$7,331	\$6,942	\$6,650	\$6,210	\$5,936	\$5,610	\$5,288	\$4,861	\$4,059
<b>Udder Health</b> Herd Average Linear Score	2.2	2.3	2.4	2.5	2.7	2.8	2.9	3.1	3.3
<b>Age at First Calving</b> First Lactation (months)	23.9	24.5	24.9	25.3	25.8	26.3	26.9	27.9	29.5
<b>Calving Interval</b> Herd Average (months)	12.8	13.0	13.2	13.4	13.6	13.8	14.2	14.8	15.5
<b>Longevity</b> Annual Herd 3rd+ Lactations	44.0%	40.4%	38.1%	36.5%	34.7%	33.4%	31.7%	29.4%	26.6%
<b>Herd Efficiency</b> Average Herd in Milk	89.3%	87.9%	86.9%	85.9%	84.7%	83.4%	81.9%	79.8%	76.3%

\* Value after deductions/transportation

## 2015 Management Centre (Based on 2015 Herd Averages)

# BRITISH COLUMBIA DHI HERDS



MANAGEMENT CENTRE	PERCENTILES								
	90 <sup>TH</sup>	80 <sup>TH</sup>	70 <sup>TH</sup>	60 <sup>TH</sup>	50 <sup>TH</sup>	40 <sup>TH</sup>	30 <sup>TH</sup>	20 <sup>TH</sup>	10 <sup>TH</sup>
<b>Milk Value: Holstein</b> Average of Current 305 Day Lactations*	\$8,425	\$8,037	\$7,766	\$7,597	\$7,377	\$7,219	\$7,019	\$6,633	\$6,155
<b>Milk Value: Non-Holstein</b> Average of Current 305 Day Lactations*	\$7,325	\$6,973	\$6,688	\$6,509	\$6,111	\$5,896	\$5,665	\$5,500	\$4,852
<b>Udder Health</b> Herd Average Linear Score	1.9	2.1	2.2	2.3	2.4	2.6	2.7	2.8	3.0
<b>Age at First Calving</b> First Lactation (months)	24.0	24.4	24.8	25.2	25.6	26.0	26.5	27.2	28.7
<b>Calving Interval</b> Herd Average (months)	13.1	13.3	13.4	13.6	13.7	13.9	14.2	14.6	15.2
<b>Longevity</b> Annual Herd 3rd+ Lactations	44.8%	40.6%	38.6%	36.4%	34.1%	32.0%	30.5%	28.7%	25.4%
<b>Herd Efficiency</b> Average Herd in Milk	89.6%	88.7%	88.2%	87.5%	87.0%	86.1%	85.6%	84.6%	83.0%

\* Value after deductions/transportation

# 2015 Management Centre (Based on 2015 Herd Averages)

## CANADA DHI HERDS



MANAGEMENT CENTRE		PERCENTILES								
	MAX	90 <sup>TH</sup>	80 <sup>TH</sup>	70 <sup>TH</sup>	60 <sup>TH</sup>	50 <sup>TH</sup>	40 <sup>TH</sup>	30 <sup>TH</sup>	20 <sup>TH</sup>	10 <sup>TH</sup>
<b>Milk Value: Holstein</b>										
Average of Current 305 Day Lactations*	>\$9,640	\$8,029	\$7,633	\$7,375	\$7,145	\$6,910	\$6,671	\$6,406	\$6,071	\$5,548
<b>SCORE</b>	<b>500</b>	<b>451</b>	<b>401</b>	<b>351</b>	<b>301</b>	<b>251</b>	<b>201</b>	<b>151</b>	<b>101</b>	<b>51</b>
<b>Milk Value: Non-Holstein</b>										
Average of Current 305 Day Lactations*	>\$8,579	\$6,819	\$6,405	\$6,083	\$5,874	\$5,651	\$5,448	\$5,199	\$4,911	\$4,423
<b>SCORE</b>	<b>500</b>	<b>450</b>	<b>400</b>	<b>350</b>	<b>301</b>	<b>251</b>	<b>201</b>	<b>150</b>	<b>100</b>	<b>50</b>
<b>Udder Health</b>										
Herd Average Linear Score	<1.6	2.0	2.2	2.4	2.5	2.6	2.8	2.9	3.1	3.3
<b>SCORE</b>	<b>150</b>	<b>141</b>	<b>129</b>	<b>111</b>	<b>98</b>	<b>87</b>	<b>62</b>	<b>51</b>	<b>32</b>	<b>18</b>
<b>Age at First Calving</b>										
First Lactation (months)	<22.9	24.0	24.6	25.0	25.4	25.8	26.2	26.8	27.6	29.1
<b>SCORE</b>	<b>100</b>	<b>91</b>	<b>81</b>	<b>71</b>	<b>61</b>	<b>51</b>	<b>41</b>	<b>31</b>	<b>21</b>	<b>11</b>
<b>Calving Interval</b>										
Herd Average (months)	<13.2	12.8	13.1	13.2	13.4	13.7	13.9	14.2	14.5	15.1
<b>SCORE</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>45</b>	<b>39</b>	<b>32</b>	<b>26</b>	<b>19</b>	<b>13</b>	<b>7</b>
<b>Longevity</b>										
Annual Herd 3rd+ Lactations	49.1% - 55.0%	49.9%	45.5%	42.7%	40.2%	38.1%	36.1%	33.9%	31.3%	27.6%
<b>SCORE</b>	<b>100</b>	<b>100</b>	<b>92</b>	<b>78</b>	<b>64</b>	<b>52</b>	<b>41</b>	<b>30</b>	<b>20</b>	<b>10</b>
<b>Herd Efficiency</b>										
Average Herd in Milk	86.4% - 89.3%	90.5%	89.4%	88.6%	87.9%	87.2%	86.5%	85.5%	84.1%	81.7%
<b>SCORE</b>	<b>100</b>	<b>74</b>	<b>98</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>76</b>	<b>51</b>	<b>26</b>

\* 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 2015

Pour tous les troupeaux inscrits auprès de l'**Ontario DHI** selon les moyennes de 2015 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
<b>Valeur du lait (Holstein)</b> Moy. des lactations actuelles de jours*	8,027 \$	7,608 \$	7,354 \$	7,113 \$	6,858 \$	6,596 \$	6,299 \$	5,900 \$	5,342 \$
<b>Valeur du lait (Autre Race)</b> Moy. des lactations actuelles de jours*	6,765 \$	6,262 \$	5,981 \$	5,749 \$	5,564 \$	5,347 \$	5,031 \$	4,803 \$	4,302 \$
<b>Santé du pis</b> Pointage linéaire moyenne du troupeau	2.2	2.3	2.5	2.6	2.7	2.9	3.0	3.2	3.4
<b>Âge au premier vêlage</b> Première lactation seulement en mois	23.8	24.3	24.8	25.2	25.6	26.2	26.8	27.8	29.4
<b>Intervalle de vêlage</b> Moyenne du troupeau, en mois	12.8	13.1	13.3	13.5	13.7	14.0	14.3	14.6	15.3
<b>Longévité</b> % annuel du troupeau en lactation	47.5%	43.5%	40.7%	38.4%	36.6%	34.7%	32.6%	30.0%	26.6%
<b>% de vaches en lactation</b> % annuel du troupeau en lactation	90.5%	89.4%	88.5%	87.7%	86.9%	86.0%	84.9%	83.2%	80.0%

\* 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 2015

Pour tous les troupeaux inscrits auprès de **CANADA DHI** selon les moyennes de 2015 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
<b>Valeur du lait (Holstein)</b> Moy. des lactations actuelles de jours*	>9,640 \$	8,029 \$	7,633 \$	7,375 \$	7,145 \$	6,910 \$	6,671 \$	6,406 \$	6,071 \$	5,548 \$
<b>POINTS</b>	<b>500</b>	<b>451</b>	<b>401</b>	<b>351</b>	<b>301</b>	<b>251</b>	<b>201</b>	<b>151</b>	<b>101</b>	<b>51</b>
<b>Valeur du lait (Autre Race)</b> Moy. des lactations actuelles de jours*	>8,579 \$	6,819 \$	6,405 \$	6,083 \$	5,874 \$	5,651 \$	5,448 \$	5,199 \$	4,911 \$	4,423 \$
<b>POINTS</b>	<b>500</b>	<b>450</b>	<b>400</b>	<b>350</b>	<b>301</b>	<b>251</b>	<b>201</b>	<b>150</b>	<b>100</b>	<b>50</b>
<b>Santé du pis</b> Pointage linéaire moyenne du troupeau	<1.6	2.0	2.2	2.4	2.5	2.6	2.8	2.9	3.1	3.3
<b>POINTS</b>	<b>150</b>	<b>141</b>	<b>129</b>	<b>111</b>	<b>98</b>	<b>87</b>	<b>62</b>	<b>51</b>	<b>32</b>	<b>18</b>
<b>Âge au premier vêlage</b> Première lactation seulement en mois	<22.9	24.0	24.6	25.0	25.4	25.8	26.2	26.8	27.6	29.1
<b>POINTS</b>	<b>100</b>	<b>91</b>	<b>81</b>	<b>71</b>	<b>61</b>	<b>51</b>	<b>41</b>	<b>31</b>	<b>21</b>	<b>11</b>
<b>Intervalle de vêlage</b> Moyenne du troupeau, en mois	<13.2	12.8	13.1	13.2	13.4	13.7	13.9	14.2	14.5	15.1
<b>POINTS</b>	<b>50</b>	<b>50</b>	<b>50</b>	<b>45</b>	<b>39</b>	<b>32</b>	<b>26</b>	<b>19</b>	<b>13</b>	<b>7</b>
<b>Longévité</b> % annuel du troupeau en lactation	49.1% - 55.0%	49.9%	45.5%	42.7%	40.2%	38.1%	36.1%	33.9%	31.3%	27.6%
<b>POINTS</b>	<b>100</b>	<b>100</b>	<b>92</b>	<b>78</b>	<b>64</b>	<b>52</b>	<b>41</b>	<b>30</b>	<b>20</b>	<b>10</b>
<b>% de vaches en lactation</b> % annuel du troupeau en lactation	86.4% - 89.3%	90.5%	89.4%	88.6%	87.9%	87.2%	86.5%	85.5%	84.1%	81.7%
<b>POINTS</b>	<b>100</b>	<b>74</b>	<b>98</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>76</b>	<b>51</b>	<b>26</b>

\* Valeur après déductions/transport

**Comment travail de percentiles?** Si tous les troupeaux (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.

## 2015 CanWest DHI Reproduction Benchmarks by Herd Size (Ontario & West)

COWS										HEIFERS					
Herd Size and Percentile	Pregnancy Rate %	Insemination Rate %	Conception Rate %	DIM at 1st Bred	% Cows Pregnant at 150 DIM	Times Cows Bred	% Cows Pregnant to 1st Bred	Days Open	Calving Interval (MO)	Age at First Calving (MO)	Heifer Age at 1st Bred (MO)	Heifer Age at Conception (MO)	% Heifers Pregnant at 15 Months	Times Heifers Bred	% Heifers Pregnant to 1st Bred
<b>&lt;= 50 Cows</b> (881 herds in benchmark)										(591 herds in benchmark)					
10	6	19	25	114	14	2.5	19	152	15.6	28.7	18.4	19.9	0	2.2	33
25	9	28	30	100	24	2.1	27	135	14.7	26.8	16.7	17.6	0	1.9	47
<b>50</b>	<b>12</b>	<b>37</b>	<b>37</b>	<b>87</b>	<b>37</b>	<b>1.8</b>	<b>34</b>	<b>121</b>	<b>13.9</b>	<b>25.5</b>	<b>15.4</b>	<b>16.2</b>	<b>13</b>	<b>1.6</b>	<b>60</b>
75	16	44	45	78	48	1.5	43	108	13.3	24.5	14.4	15.1	35	1.4	71
90	19	50	53	72	60	1.3	54	97	13.0	23.5	13.6	14.2	59	1.2	80
<b>51-100 Cows</b> (1,382 herds)										(1014 herds)					
10	8	23	26	109	19	2.4	22	144	15.1	28.4	18.0	19.1	0	2.2	37
25	11	32	32	95	31	2.1	29	130	14.6	26.7	16.3	17.4	5	1.9	48
<b>50</b>	<b>14</b>	<b>40</b>	<b>38</b>	<b>83</b>	<b>43</b>	<b>1.8</b>	<b>37</b>	<b>117</b>	<b>13.7</b>	<b>25.4</b>	<b>15.1</b>	<b>16.0</b>	<b>19</b>	<b>1.7</b>	<b>60</b>
75	18	48	45	75	53	1.6	45	106	13.2	24.4	14.4	15.0	39	1.4	71
90	21	54	51	70	63	1.4	52	98	12.9	23.7	13.7	14.4	55	1.2	81
<b>101-150 Cows</b> (575 herds)										(430 herds)					
10	9	24	30	111	24	2.3	28	137	15.1	27.7	17.5	18.5	0	2.2	43
25	13	33	34	93	37	2.1	33	125	14.1	26.3	15.9	16.9	10	1.9	50
<b>50</b>	<b>16</b>	<b>43</b>	<b>40</b>	<b>82</b>	<b>48</b>	<b>1.8</b>	<b>40</b>	<b>113</b>	<b>13.5</b>	<b>25.1</b>	<b>14.9</b>	<b>15.7</b>	<b>25</b>	<b>1.7</b>	<b>61</b>
75	20	51	46	74	58	1.6	47	105	13.1	24.2	14.1	14.8	47	1.5	71
90	23	58	52	67	67	1.4	54	98	12.7	23.5	13.5	14.2	64	1.2	85
<b>151-300 Cows</b> (382 herds)										(294 herds)					
10	10	29	30	102	30	2.3	28	133	14.7	26.8	16.6	16.9	6	2.2	45
25	14	40	35	87	42	2.2	33	121	13.9	25.5	15.3	16.1	17	1.9	52
<b>50</b>	<b>18</b>	<b>48</b>	<b>39</b>	<b>78</b>	<b>53</b>	<b>1.9</b>	<b>39</b>	<b>112</b>	<b>13.3</b>	<b>24.7</b>	<b>14.5</b>	<b>15.2</b>	<b>34</b>	<b>1.7</b>	<b>60</b>
75	21	55	43	72	61	1.7	45	103	13.0	23.9	13.8	14.6	57	1.5	70
90	24	61	48	68	67	1.6	50	97	12.7	23.4	13.3	13.9	71	1.2	83
<b>&gt;300 Cows</b> (124 herds)										(98 herds)					
10	12	35	30	97	39	2.4	26	129	14.3	26.2	16.1	16.9	9	2.2	43
25	15	43	33	82	45	2.2	33	118	13.8	25.3	15.0	15.6	25	2.0	49
<b>50</b>	<b>19</b>	<b>54</b>	<b>37</b>	<b>73</b>	<b>55</b>	<b>2.0</b>	<b>38</b>	<b>110</b>	<b>13.2</b>	<b>24.4</b>	<b>14.3</b>	<b>15.0</b>	<b>43</b>	<b>1.8</b>	<b>57</b>
75	22	59	41	68	62	1.9	43	102	12.8	23.7	13.5	14.3	62	1.6	63
90	25	65	47	63	68	1.7	47	96	12.6	23.1	13.1	13.8	75	1.3	70

**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

# 2015 CanWest DHI Reproduction Benchmarks by Province

COWS										HEIFERS					
Province & Percentile	Pregnancy Rate %	Insemination Rate %	Conception Rate %	DIM at 1st Bred	% Cows Pregnant at 150 DIM	Times Cows Bred	% Cows Pregnant to 1st Bred	Days Open	Calving Interval (MO)	Age at First Calving (MO)	Heifer Age at 1st Bred (MO)	Heifer Age at Conception (MO)	% Heifers Pregnant at 15 Months	Times Heifers Bred	% Heifers Pregnant to 1st Bred
<b>Ontario</b>															
25	11	33	31	93	30	2.2	28	129	14.3	26.4	16.1	17.1	6	1.9	47
<b>50</b>	<b>14</b>	<b>41</b>	<b>37</b>	<b>82</b>	<b>43</b>	<b>1.9</b>	<b>36</b>	<b>116</b>	<b>13.7</b>	<b>25.1</b>	<b>14.9</b>	<b>15.8</b>	<b>21</b>	<b>1.7</b>	<b>59</b>
75	18	49	44	74	55	1.6	43	105	13.2	24.1	14.1	14.8	44	1.5	69
90	21	56	50	68	64	1.4	51	97	12.8	23.4	13.4	14.2	62	1.3	79
<b>Manitoba</b>															
25	9	26	36	106	25	2.0	32	133	14.9	27.7	16.7	17.3	3	2.0	46
<b>50</b>	<b>14</b>	<b>36</b>	<b>42</b>	<b>86</b>	<b>42</b>	<b>1.8</b>	<b>42</b>	<b>119</b>	<b>13.9</b>	<b>25.7</b>	<b>15.2</b>	<b>16.1</b>	<b>16</b>	<b>1.7</b>	<b>56</b>
75	18	45	49	77	54	1.5	50	108	13.3	24.7	14.3	15.1	35	1.5	68
90	21	54	53	70	63	1.3	56	101	12.9	24.1	13.6	14.5	52	1.3	76
<b>Saskatchewan</b>															
25	11	30	36	101	35	2.0	34	127	14.5	26.4	15.7	16.3	13	1.7	55
<b>50</b>	<b>15</b>	<b>39</b>	<b>40</b>	<b>83</b>	<b>43</b>	<b>1.7</b>	<b>39</b>	<b>118</b>	<b>13.7</b>	<b>25.1</b>	<b>14.8</b>	<b>15.4</b>	<b>28</b>	<b>1.5</b>	<b>75</b>
75	18	46	46	77	54	1.6	47	107	13.3	24.2	14.4	14.6	43	1.0	100
90	20	53	53	74	61	1.4	57	101	13.0	23.8	13.7	14.2	61	1.0	100
<b>Alberta</b>															
25	12	31	37	94	37	2.0	36	123	14.1	26.4	16.0	16.7	7	1.8	54
<b>50</b>	<b>17</b>	<b>42</b>	<b>41</b>	<b>82</b>	<b>49</b>	<b>1.8</b>	<b>42</b>	<b>112</b>	<b>13.4</b>	<b>25.2</b>	<b>15.0</b>	<b>15.7</b>	<b>24</b>	<b>1.5</b>	<b>66</b>
75	20	51	47	73	60	1.6	48	103	13.0	24.4	14.4	14.8	46	1.2	79
90	23	56	52	68	67	1.4	54	95	12.7	23.6	13.7	14.2	65	1.1	96
<b>British Columbia</b>															
25	12	31	33	104	35	2.1	34	132	14.3	26.3	16.0	16.9	7	1.9	53
<b>50</b>	<b>15</b>	<b>42</b>	<b>39</b>	<b>92</b>	<b>46</b>	<b>1.8</b>	<b>40</b>	<b>121</b>	<b>13.7</b>	<b>25.3</b>	<b>15.1</b>	<b>15.8</b>	<b>24</b>	<b>1.6</b>	<b>62</b>
75	18	48	45	82	56	1.6	46	111	13.3	24.4	14.4	15.1	45	1.5	70
90	21	56	52	76	63	1.4	55	104	13.1	23.8	13.7	14.4	61	1.2	79

**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