



Average Gain in LPI and Pro\$ Reliability Due to Genomics - April 2025 -

Sub-Group for the HOLSTEIN Breed	Average LPI and Pro\$ Reliability (%)		
	Traditional	Genomics	Gain
Young Bulls with a Proven Sire	40	79	39
Young Bulls with an Unproven Sire	38	77	39
Heifers Born 2023-2025	34	75	41
Younger Cows in 1 st or 2 nd Lactation	50	80	30
Foreign Cows with MACE in Canada	37	79	42
First Crop Progeny Proven Sires in Canada	83	91	8
Foreign Sires with MACE in Canada	69	87	18

Sub-Group for the JERSEY Breed	Average LPI and Pro\$ Reliability (%)		
	Traditional	Genomics	Gain
Young Bulls with a Proven Sire	28	49	21
Heifers Born 2023-2025	25	46	21
Younger Cows in 1st or 2nd Lactation	46	64	18
Foreign Cows with MACE in Canada	33	54	21
First Crop Progeny Proven Sires in Canada	77	82	5
Foreign Sires with MACE in Canada	62	71	9

Sub-Group for the BROWN SWISS Breed	Average LPI Reliability (%)		
	Traditional	Genomics	Gain
Young Bulls with a Proven Sire	27	53	26
Heifers Born 2023-2025	26	50	24
Younger Cows in 1st or 2nd Lactation	44	63	19
Foreign Cows with MACE in Canada	33	55	22
First Crop Progeny Proven Sires in Canada	64	76	12
Foreign Sires with MACE in Canada	61	72	11

Sub-Group for the AYRSHIRE Breed	Average LPI Reliability (%)		
	Traditional	Genomics	Gain
Young Bulls with a Proven Sire	29	44	15
Heifers Born 2023-2025	26	42	16
Younger Cows in 1st or 2nd Lactation	46	57	11
First Crop Progeny Proven Sires in Canada	77	80	3
Foreign Sires with MACE in Canada	65	71	6

Sub-Group for GUERNSEY Breed	Average LPI Reliability (%)		
	Traditional	Genomics	Gain
Young Bulls with a Proven Sire	24	28	4
Heifers Born 2023-2025	19	24	5
First Crop Progeny Proven Sires in Canada	58	65	7

Sub-Group for MILKING SHORTHORN Breed	Average LPI Reliability (%)		
	Traditional	Genomics	Gain
Young Bulls with a Proven Sire	25	26	1
Heifers Born 2023-2025	13	15	2
First Crop Progeny Proven Sires in Canada	66	70	4