

Average Gain in LPI Reliability Due to Genomics - APRIL 2011 -

Sub-Group for Holstein Breed	Average LPI Reliability (%)			
	Traditional	Genomics	Gain	DGV Weight
50K Young Bulls and Heifers (Born 2008-2011)	37	66	29	64%
3K Heifers (Born 2008-2011)	35	61	26	64%
Younger Cows in 1st or 2nd Lactation (50K)	54	70	16	56%
Foreign Cows with MACE in Canada	43	68	25	61%
1st Crop Proven Sires in Canada	85	89	4	51%
Foreign Sires with MACE in Canada	70	81	11	54%

Sub-Group for Jersey Breed	Average LPI Reliability (%)			
	Traditional	Genomics	Gain	DGV Weight
50K Young Bulls and Heifers (Born 2008-2011)	33	49	16	60%
Younger Cows in 1st or 2nd Lactation (50K)	53	56	3	51%
Foreign Cows with MACE in Canada	39	51	12	57%
1st Crop Proven Sires in Canada	82	85	3	51%
Foreign Sires with MACE in Canada	68	75	7	52%