

Heritability Estimates Used for Genetic Evaluation in Canada - January 2010 -

Production Trait	HO	AY	JE	BS	GU	CN	MS
Milk Yield	43	36	44	43	41	48	47
Fat Yield	34	30	37	36	33	41	39
Protein Yield	40	34	41	40	37	46	44
Fat Percentage	Not Directly Used – Literature estimate is ~50%						
Protein Percentage	Not Directly Used – Literature estimate is ~50%						

Functional Traits	HO	AY	JE	BS	GU	CN	MS
Somatic Cell Score	27	27	27	27	29	35	42
Lactation Persistency	40	42	40	42	39	42	43
Herd Life	10						
Calving Ability	6						
Daughter Calving Ability	6						
Milking Speed	21						
Milking Temperament	13 (August 2010)						
Daughter Fertility	7						

Major Type Trait	HO	AY	JE	BS	GU	CN	MS
Conformation (Final Score)	26	23	23	23			
Rump	23	24	17	20			
Feet & Legs	15	21	13	17			
Mammary System	25	22	20	21			
Dairy Strength	36	37	32	35			

Descriptive Type Trait	HO	AY	JE	BS	GU	CN	MS
Angularity	26	26	26	26			
Stature	53	55	46	50			
Height at Front End	26	26	26	26			
Chest Width	22	25	17	21			
Body Depth	32	32	32	32			
Loin Strength	25	22	22	22			
Pin Width	34	30	21	26			
Pin Setting (Desirability)	9	20	4	12			
Rump Angle	37	35	29	32			
Bone Quality	30	34	15	25			
Foot Angle	11	8	6	7			
Heel Depth	8	8	8	8			
Set of Rear Legs (Desirability)	5	11	7	9			
Rear Legs Side View	24	18	14	16			
Rear Legs Rear View	13	13	13	13			
Udder Depth	42	32	30	31			
Udder Texture	14	13	12	13			
Median Suspensory	14	17	19	18			
Fore Attachment	28	23	22	23			
Fore Teat Placement	31	17	22	20			
Teat Length	29	29	29	29			
Rear Attachment Height	23	19	22	20			
Rear Attachment Width	20	19	18	19			
Rear Teat Placement	29	24	29	26			