

TABLE 1

Updated economic values

Trait	Units	Standard deviation (SD)	Value (\$/PTA unit)				Relative value (%)			
			NM\$	CM\$	FM\$	GM\$	NM\$	CM\$	FM\$	GM\$
Milk	Pounds	672	-0.004	-0.052	0.102	-0.004	-0.7	-7.9	18.4	-0.7
Fat	Pounds	25	4.03	4.03	4.03	3.67	26.8	22.8	27.1	22.9
Protein	Pounds	18	3.53	5.14	0.00	3.21	16.9	20.9	0.0	14.4
Productive life (PL)	Months	2.4	19	19	19	11	12.1	10.3	12.2	6.6
Somatic cell score (SCS)	Log	0.21	-72	-93	-41	-66	-4.0	-4.4	-2.3	-3.5
Bodyweight (BWC)	Composite	1.10	-18	-18	-18	-21	-5.3	-4.5	-5.3	-5.8
Udder	Composite	0.90	31	31	31	33	7.4	6.3	7.5	7.4
Feet/legs	Composite	1.03	10	10	10	11	2.7	2.3	2.8	2.8
Daughter pregnancy rate (DPR)	Percent	2.3	11	11	11	31	6.7	5.7	6.8	17.8
Calving traits (CA\$)	Dollars	18.00	1	1	1	1	4.8	4.1	4.8	4.5
Heifer conception rate (HCR)	Percent	2.4	2.2	2.2	2.2	4.0	1.4	1.2	1.4	2.4
Cow conception rate (CCR)	Percent	2.8	2.2	2.2	2.2	6.2	1.6	1.4	1.7	4.3
Livability (LIV)	Percent	2.3	12	12	12	8.6	7.3	6.2	7.4	4.9
Health traits (HTH\$)	Dollars	8.50	1	1	1	1	2.3	1.9	2.3	2.1

New economic values for each unit of predicted transmitting ability (PTA) and relative economic values of traits will be implemented in August 2018 for NM\$, cheese merit (CM\$), fluid merit (FM\$), and grazing merit (GM\$). The traits are displayed in the historical order that they were included in NM\$.

Source: "Net merit as a measure of lifetime profit: 2018 revision," P.M. VanRaden, J.B. Cole, and K.L. Parker Gaddis