

CLARIFIDE 3K GPTA Summary Statistics

Based on 3K data for Holstein animals, August 2010

Core Traits Summary Statistics

Based on 3K data for Holstein animals, August 2010

Core Traits

Trait	Units	Mean	Standard Deviation	Minimum	Maximum
Net Merit (NM\$)	\$	45	153	-476	631
Cheese Merit (CM\$)	\$	49	168	-565	744
Fluid Merit (FM\$)	\$	42	145	-406	584
Milk Yield (Milk)	Lbs.	60	533	-2013	1752
Fat (Fat)	Lbs.	2	21	-69	86
Protein (Prot)	Lbs.	2	14	-46	60
Fat (Fat %)	Percent	0.00	0.09	-0.22	0.34
Protein (Prot %)	Percent	0.00	0.04	-0.14	0.12
Somatic Cell Score (SCS)	Log ₁₀	2.98	0.15	2.49	3.57
Daughter Pregnancy Rate (DPR)	Percent	-0.3	1.1	-4.0	4.3
Productive Life (PL)	Months	0.7	1.7	-5.4	6.7

Core Traits Summary Statistics, cont.

Based on 3K data for Holstein animals, August 2010

Core Traits, cont.

Trait	Units	Mean	Standard Deviation	Minimum	Maximum
Sire Calving Ease (SCE)	Percent	8	1	4	13
Daughter Calving Ease (DCE)	Percent	8	1	5	13
Sire Still Birth (SSB)	Percent	7.9	0.6	6.1	10.1
Daughter Still Birth (DSB)	Percent	7.9	1.2	3.9	16.1

Type Traits Summary Statistics

Based on 3K data for Holstein animals, August 2010

Type Traits – Overall and Composite

Trait	Units	Mean	Standard Deviation	Minimum	Maximum
Final Score Type (Type FS)	Points	0.26	0.72	-2.17	2.72
Stature (ST)	Short to Tall	-0.02	0.90	-3.01	3.42
Strength (SG)	Frail to Strong	-0.20	0.81	-2.91	2.37
Body Depth (BD)	Shallow to Deep	-0.11	0.80	-2.87	2.66
Dairy Form (DF)	Tight to Open	0.39	0.91	-2.77	3.88
Rump Angle (RA)	High Pins to Sloped (Low Pins)	0.03	0.95	-3.18	3.07
Rump – Thurl Width (RW)	Narrow to Wide	-0.06	0.87	-3.09	3.14
Rear Legs Side View (LS)	Posty to Sickle	-0.01	0.91	-2.75	3.52
Rear Legs Rear View (LR)	Hock-in to Straight	0.24	0.91	-3.17	3.16
Foot Angle (FA)	Low to Steep	0.21	0.90	-3.02	3.38

Type Traits Summary Statistics, cont.

Based on 3K data for Holstein animals, August 2010

Type Traits, cont.

Trait	Units	Mean	Standard Deviation	Minimum	Maximum
Feet/Legs Score (FLS)	Low to High	0.24	0.86	-2.75	3.20
Fore Udder Attachment (FU)	Loose to Strong	0.24	0.95	-3.05	3.99
Rear Udder Height (UH)	Low to High	0.29	0.99	-2.90	3.53
Rear Udder Width (UW)	Narrow to Wide	0.27	0.91	-2.67	3.25
Udder Cleft (UC)	Weak to Strong	0.23	0.92	-3.07	3.39
Udder Depth (UD)	Deep to Shallow	0.05	0.96	-3.32	3.21
Front Teat Placement (FT)	Wide to Close	0.25	0.89	-3.02	3.94
Rear Teat Placement (RT)	Wide to Close	0.32	0.90	-3.28	3.38
Teat Length (TL)	Short to Long	-0.11	0.87	-3.16	2.60