

TABLE 1: TOP 20 HOLSTEIN BULLS WITH GENOMIC INDEXES RANKED ON PROFITABLE LIFETIME INDEX (£PLI) APRIL 2019

Rank	£PLI	Bull name	£PLI Rel%	Milk kg	Fat kg	Ptn kg	Fat %	Ptn %	SCC	Mast	LA	CS	LS	FI	dCE %	Maint	TB Adv	TM	Sire x maternal grandsire	Supplier GB/NI
1	863	DENOVO 14566 CROSBY	63	1027	42.5	31.9	0.02	-0.01	-30	-3	2.8	3.3	0.7	8.4	0.0	3	1.6	1.38	Charley x Rubicon	GEN
2	861	DENOVO 7921 ATRIUM	63	671	44.3	25.6	0.21	0.05	-22	-2	1.5	1.5	0.6	12.5	0.5	-12	1.0	1.81	Achiever x Delta	GEN
3	856	DE-SU 14673 APPEAL	63	627	39.6	26.2	0.18	0.07	-22	-1	1.7	1.2	0.7	13.5	0.1	-5	0.8	2.50	Achiever x Dozer	GEN
4	846	VH BOSMAN BAHRAIN	64	720	33.4	33.1	0.06	0.11	-20	-3	-0.1	0.3	0.6	9.7	1.5	-16	-0.5	0.33	Bosman x Sergio	VIK
5	842	BOMAZ ALTACABOT	64	742	44.8	29.8	0.18	0.07	-25	-3	2.8	2.0	0.5	5.7	0.8	-4	0.9	1.83	AltaTopshot x Cabriolet	ALT/GG
6	837	DENOVO 8084 ENTITY	64	887	45.7	30.1	0.12	0.02	-20	-2	1.0	2.9	0.6	11.2	0.3	4	-0.6	1.36	Matters x Rubicon	GEN
7	836	WILRA ABS AMPLIFY	63	625	41.7	28.1	0.20	0.09	-23	-2	1.6	1.2	0.7	9.9	0.0	1	-0.3	1.54	Achiever x Hotshot	GEN
8	833	PEAK ALTALEAP	64	758	30.9	31.4	0.01	0.08	-31	-4	1.8	2.8	0.8	8.6	-0.8	7	0.8	2.13	Quantum x AltaSpring	ALT/AIS
8	833	BOGHILL GLAMOUR PERSUADE	64	958	29.0	33.5	-0.10	0.03	-26	-2	2.2	2.7	0.7	11.6	0.3	-2	0.1	1.26	Perseus x Supershot	GEN
10	827	GLAMOUR BOGHILL VICTOR	64	967	32.3	33.9	-0.07	0.03	-28	-3	1.5	2.9	0.6	8.4	-0.8	-4	0.3	1.11	Verona x Supershot	GEN
11	820	VH BALISTO BROOK	66	498	39.1	24.5	0.23	0.10	-37	-5	1.7	2.0	0.6	9.0	0.5	2	1.1	1.17	Balisto x Denim	VIK/AIS
11	820	ABS CRIMSON	64	883	46.9	30.2	0.14	0.02	-20	-1	2.0	2.1	0.6	9.7	-0.1	7	1.1	1.61	Spectre x Rubicon	GEN
11	820	MELARRY FRAZZLED FYI	63	862	38.1	32.7	0.05	0.05	-30	-4	1.5	3.0	0.6	5.9	0.0	7	0.2	1.41	Frazzled x Balisto	WWS
11	820	DE-SU FRAZZLED ROME 14192	63	780	44.1	28.3	0.15	0.04	-30	-3	2.0	2.0	0.6	8.6	-0.2	1	1.0	1.73	Frazzled x Yoder	WWS
15	819	MR RUBI-AGRONAUT 73287	65	429	35.2	21.6	0.22	0.09	-30	-3	0.7	2.4	0.7	13.0	0.1	4	-1.2	2.70	Rubicon x Shotglass	CBL
16	813	ABS OUTBACK	64	745	34.0	27.6	0.05	0.04	-16	-2	2.8	0.9	0.7	12.4	1.4	-5	1.0	1.76	Spectre x Troy	GEN
17	812	PEAK ALTAZAREK	63	987	40.1	30.6	0.01	-0.02	-24	-3	3.0	2.2	0.7	7.9	0.5	6	-1.0	2.06	AltaTopshot x Rubicon	ALT/GG
18	804	WISSELVIEW WAVELENGTH	63	656	38.6	27.9	0.15	0.08	-18	-2	1.8	2.4	0.7	12.9	-0.3	11	1.3	2.46	Imax x Doorsopen	SMX
19	799	SANDY-VALLEY I BATMAN	63	782	44.0	33.7	0.15	0.10	-13	0	1.1	2.4	0.6	7.8	-0.2	15	1.0	2.74	Imax x Jedi	SMX
19	799	PROGENESIS MONET	63	1210	41.0	35.5	-0.07	-0.04	-29	-4	2.5	2.1	0.6	5.0	-0.6	9	1.0	1.74	Guarantee x Jedi	SMX
19	799	PINE-TREE DURABLE	63	868	32.2	31.7	-0.02	0.04	-12	-1	3.7	2.6	0.6	9.3	0.3	-9	0.7	1.82	Charley x Yoder	GEN

AIS = AI Services; ALT = Alta; CBL = Cogent Breedint Ltd; GEN = Genus ABS; GG = Global Genetics; SMX = Semex; VIK = Viking Genetics; WWS = World Wide Sires. £PLI = Profitable Lifetime Index; SCC = Somatic Cell Count Index; Mast = Mastitis; LA = Lameness Advantage; CS = Calf Survival; LS = Lifespan; FI = Fertility Index; dCE% = direct Calving Ease; Maint = Maintenance; TB Adv = TB Advantage; TM = Type Merit.