

AVERAGE AND RANGE OF PROOFS FOR RECENTLY PROGENY-TESTED AI BULLS*

Bulls	PROTEIN		FAT		COMPOSITES								
	PTAP	PTA%P	PTAF	PTA%F	PTAM	NM\$	PTAT	UDC	FLC	PL	DPR	SCS	TPI
TOP 1%	88 (83 to 106)	0.17 (0.16 to 0.24)	138 (129 to 158)	0.42 (0.39 to 0.49)	2892 (2553 to 3460)	1154 (1091 to 1408)	3.46 (3.19 to 4.35)	2.81 (2.66 to 3.39)	2.01 (1.78 to 2.52)	7.3 (6.9 to 9.0)	4.9 (3.7 to 9.0)	2.46 (2.36 to 2.50)	3113 (3035 to 3331)
TOP 5%	78 (71 to 106)	0.15 (0.13 to 0.24)	120 (109 to 158)	0.36 (0.31 to 0.49)	2363 (2017 to 3460)	1051 (983 to 1408)	2.87 (2.41 to 4.35)	2.47 (2.22 to 3.39)	1.58 (1.26 to 2.52)	6.4 (5.9 to 9.0)	3.0 (2.1 to 9.0)	2.54 (2.36 to 2.59)	2989 (2914 to 3331)
TOP 10%	72 (64 to 106)	0.13 (0.11 to 0.24)	111 (99 to 158)	0.32 (0.26 to 0.49)	2124 (1760 to 3460)	1001 (922 to 1408)	2.48 (1.87 to 4.35)	2.28 (1.97 to 3.39)	1.35 (1.01 to 2.52)	6.0 (5.4 to 9.0)	2.3 (1.4 to 9.0)	2.58 (2.36 to 2.64)	2933 (2850 to 3331)
TOP 20%	65 (56 to 106)	0.12 (0.09 to 0.24)	102 (86 to 158)	0.28 (0.21 to 0.49)	1867 (1468 to 3460)	940 (840 to 1408)	2.04 (1.43 to 4.35)	2.04 (1.67 to 3.39)	1.10 (0.71 to 2.52)	5.5 (4.6 to 9.0)	1.7 (0.7 to 9.0)	2.63 (2.36 to 2.70)	2871 (2772 to 3331)
TOP 30%	62 (51 to 106)	0.11 (0.08 to 0.24)	95 (77 to 158)	0.25 (0.17 to 0.49)	1698 (1256 to 3460)	895 (776 to 1408)	1.80 (1.19 to 4.35)	1.88 (1.46 to 3.39)	0.92 (0.47 to 2.52)	5.1 (4.1 to 9.0)	1.2 (0.1 to 9.0)	2.66 (2.36 to 2.75)	2827 (2715 to 3331)
TOP 40%	58 (46 to 106)	0.09 (0.06 to 0.24)	89 (69 to 158)	0.22 (0.13 to 0.49)	1565 (1074 to 3460)	858 (717 to 1408)	1.61 (0.98 to 4.35)	1.75 (1.29 to 3.39)	0.79 (0.28 to 2.52)	4.8 (3.6 to 9.0)	0.9 (-0.3 to 9.0)	2.69 (2.36 to 2.79)	2793 (2664 to 3331)
TOP 50%	55 (42 to 106)	0.09 (0.05 to 0.24)	84 (61 to 158)	0.20 (0.10 to 0.49)	1448 (892 to 3460)	824 (659 to 1408)	1.48 (0.81 to 4.35)	1.64 (1.12 to 3.39)	0.66 (0.09 to 2.52)	4.5 (3.1 to 9.0)	0.6 (-0.7 to 9.0)	2.72 (2.36 to 2.84)	2762 (2619 to 3331)

*All bulls entered AI since February 2017 (Received first proof in past 4 years)

*August 2024 official proofs from USDA-AIPL and Holstein Association USA

*Must be in NAAB cross-reference system

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Bulls	PROTEIN		FAT		COMPOSITES								
	PTAP	PTA%P	PTAF	PTA%F	PTAM	NM\$	PTAT	UDC	FLC	PL	DPR	SCS	TPI
TOP 60%	53 (38 to 106)	0.08 (0.04 to 0.24)	79 (52 to 158)	0.18 (0.07 to 0.49)	1340 (711 to 3460)	791 (597 to 1408)	1.35 (0.63 to 4.35)	1.54 (0.95 to 3.39)	0.55 (-0.10 to 2.52)	4.2 (2.7 to 9.0)	0.3 (-1.2 to 9.0)	2.74 (2.36 to 2.88)	2734 (2569 to 3331)
TOP 70%	50 (33 to 106)	0.07 (0.02 to 0.24)	75 (44 to 158)	0.16 (0.03 to 0.49)	1237 (518 to 3460)	759 (533 to 1408)	1.23 (0.47 to 4.35)	1.45 (0.77 to 3.39)	0.45 (-0.31 to 2.52)	4.0 (2.2 to 9.0)	0.1 (-1.7 to 9.0)	2.76 (2.36 to 2.92)	2707 (2512 to 3331)
TOP 80%	48 (27 to 106)	0.07 (0.01 to 0.24)	71 (35 to 158)	0.14 (-.01 to 0.49)	1133 (291 to 3460)	726 (453 to 1408)	1.13 (0.27 to 4.35)	1.34 (0.53 to 3.39)	0.34 (-0.54 to 2.52)	3.7 (1.6 to 9.0)	-0.2 (-2.2 to 9.0)	2.79 (2.36 to 2.98)	2679 (2442 to 3331)
TOP 90%	45 (18 to 106)	0.06 (-.01 to 0.24)	66 (21 to 158)	0.12 (-.06 to 0.49)	1022 (-32 to 3460)	689 (324 to 1408)	1.02 (-0.06 to 4.35)	1.24 (0.22 to 3.39)	0.22 (-0.91 to 2.52)	3.4 (0.5 to 9.0)	-0.4 (-2.9 to 9.0)	2.81 (2.36 to 3.06)	2647 (2318 to 3331)
ALL	41 (-75 to 106)	0.05 (-.14 to 0.24)	59 (-83 to 158)	0.10 (-.33 to 0.49)	874 (-2592 to 3460)	623 (-864 to 1408)	0.87 (-4.91 to 4.35)	1.09 (-4.25 to 3.39)	0.08 (-2.59 to 2.52)	3.0 (-5.7 to 9.0)	-0.7 (-8.4 to 9.0)	2.84 (2.36 to 3.65)	2590 (1150 to 3331)
No. Bulls	5080	5080	5080	5080	5080	5080	3672	3672	3672	5080	5080	5080	3627

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