

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%	64 (59 to 79)	0.17 (0.15 to 0.23)	109 (99 to 141)	0.40 (0.37 to 0.52)	2261 (1959 to 2759)	891 (815 to 1140)	2.88 (2.63 to 3.66)	2.05 (1.89 to 2.52)	2.04 (1.83 to 2.50)	5.4 (5.0 to 6.8)	5.3 (4.2 to 9.5)	2.53 (2.40 to 2.57)	3257 (3182 to 3441)
TOP 5%	54 (48 to 79)	0.14 (0.12 to 0.23)	91 (80 to 141)	0.34 (0.29 to 0.52)	1765 (1439 to 2759)	771 (693 to 1140)	2.36 (1.93 to 3.66)	1.72 (1.48 to 2.52)	1.58 (1.24 to 2.50)	4.6 (4.1 to 6.8)	3.4 (2.5 to 9.5)	2.62 (2.40 to 2.67)	3136 (3061 to 3441)
TOP 10%	49 (41 to 79)	0.12 (0.10 to 0.23)	83 (71 to 141)	0.30 (0.24 to 0.52)	1535 (1189 to 2759)	712 (621 to 1140)	1.98 (1.36 to 3.66)	1.53 (1.23 to 2.52)	1.33 (0.96 to 2.50)	4.2 (3.6 to 6.8)	2.8 (1.9 to 9.5)	2.65 (2.40 to 2.71)	3079 (2991 to 3441)
TOP 20%	42 (33 to 79)	0.10 (0.07 to 0.23)	73 (57 to 141)	0.25 (0.18 to 0.52)	1276 (882 to 2759)	642 (535 to 1140)	1.54 (0.90 to 3.66)	1.30 (0.92 to 2.52)	1.05 (0.63 to 2.50)	3.7 (2.9 to 6.8)	2.1 (1.1 to 9.5)	2.70 (2.40 to 2.77)	3013 (2910 to 3441)
TOP 30%	38 (27 to 79)	0.09 (0.06 to 0.23)	66 (47 to 141)	0.22 (0.14 to 0.52)	1107 (667 to 2759)	594 (463 to 1140)	1.27 (0.63 to 3.66)	1.12 (0.69 to 2.52)	0.87 (0.39 to 2.50)	3.3 (2.4 to 6.8)	1.6 (0.5 to 9.5)	2.73 (2.40 to 2.82)	2968 (2848 to 3441)
TOP 50%	32 (19 to 79)	0.07 (0.03 to 0.23)	55 (30 to 141)	0.17 (0.06 to 0.52)	858 (307 to 2759)	516 (340 to 1140)	0.94 (0.26 to 3.66)	0.88 (0.35 to 2.52)	0.60 (0.02 to 2.50)	2.8 (1.5 to 6.8)	1.0 (-0.4 to 9.5)	2.79 (2.40 to 2.91)	2898 (2743 to 3441)
ALL	17 (-98 to 79)	0.03 (-.17 to 0.23)	29 (-127 to 141)	0.06 (-.35 to 0.52)	286 (-3314 to 2759)	298 (-1217 to 1140)	0.32 (-4.86 to 3.66)	0.34 (-4.85 to 2.52)	0.01 (-2.78 to 2.50)	1.4 (-7.1 to 6.8)	-0.3 (-7.9 to 9.5)	2.92 (2.40 to 3.74)	2719 (1208 to 3441)
No. Bulls	4995	4995	4995	4995	4995	4995	3639	3639	3639	4995	4993	4995	3617

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

*April 2025 official proofs from USDA-AIPL and Holstein Association USA

*Must be in NAAB cross-reference system