

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%	83 (77 to 99)	0.16 (0.15 to 0.23)	135 (125 to 157)	0.39 (0.36 to 0.45)	2749 (2419 to 3332)	1115 (1050 to 1375)	3.45 (3.19 to 4.28)	2.78 (2.62 to 3.38)	2.01 (1.76 to 2.65)	7.2 (6.8 to 8.6)	4.9 (3.7 to 9.3)	2.47 (2.38 to 2.51)	3057 (2987 to 3287)
TOP 5%	72 (65 to 99)	0.13 (0.12 to 0.23)	116 (104 to 157)	0.33 (0.29 to 0.45)	2235 (1894 to 3332)	1006 (933 to 1375)	2.86 (2.37 to 4.28)	2.44 (2.18 to 3.38)	1.54 (1.23 to 2.65)	6.4 (5.9 to 8.6)	3.2 (2.2 to 9.3)	2.55 (2.38 to 2.60)	2933 (2858 to 3287)
TOP 10%	66 (58 to 99)	0.12 (0.10 to 0.23)	107 (93 to 157)	0.29 (0.24 to 0.45)	2000 (1653 to 3332)	953 (873 to 1375)	2.46 (1.86 to 4.28)	2.24 (1.96 to 3.38)	1.32 (0.99 to 2.65)	6.0 (5.3 to 8.6)	2.5 (1.6 to 9.3)	2.59 (2.38 to 2.64)	2879 (2792 to 3287)
TOP 20%	60 (51 to 99)	0.10 (0.08 to 0.23)	96 (80 to 157)	0.25 (0.19 to 0.45)	1743 (1338 to 3332)	888 (783 to 1375)	2.04 (1.46 to 4.28)	2.01 (1.66 to 3.38)	1.07 (0.69 to 2.65)	5.4 (4.6 to 8.6)	1.8 (0.8 to 9.3)	2.63 (2.38 to 2.70)	2815 (2715 to 3287)
TOP 30%	56 (46 to 99)	0.09 (0.07 to 0.23)	89 (71 to 157)	0.22 (0.15 to 0.45)	1572 (1138 to 3332)	842 (718 to 1375)	1.79 (1.19 to 4.28)	1.86 (1.47 to 3.38)	0.91 (0.48 to 2.65)	5.0 (4.0 to 8.6)	1.3 (0.2 to 9.3)	2.66 (2.38 to 2.75)	2772 (2658 to 3287)
TOP 40%	53 (41 to 99)	0.08 (0.05 to 0.23)	83 (63 to 157)	0.20 (0.12 to 0.45)	1441 (953 to 3332)	803 (658 to 1375)	1.62 (0.99 to 4.28)	1.74 (1.29 to 3.38)	0.77 (0.29 to 2.65)	4.7 (3.5 to 8.6)	1.0 (-0.2 to 9.3)	2.69 (2.38 to 2.80)	2737 (2611 to 3287)
TOP 50%	50 (37 to 99)	0.07 (0.04 to 0.23)	78 (55 to 157)	0.18 (0.09 to 0.45)	1326 (769 to 3332)	769 (602 to 1375)	1.47 (0.81 to 4.28)	1.63 (1.12 to 3.38)	0.66 (0.11 to 2.65)	4.4 (3.1 to 8.6)	0.8 (-0.6 to 9.3)	2.72 (2.38 to 2.84)	2708 (2567 to 3287)

*All bulls entered AI since October 2016 (Received first proof in past 4 years)

*April 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%	48 (33 to 99)	0.07 (0.03 to 0.23)	74 (47 to 157)	0.16 (0.06 to 0.45)	1219 (592 to 3332)	737 (547 to 1375)	1.35 (0.63 to 4.28)	1.54 (0.96 to 3.38)	0.55 (-0.06 to 2.65)	4.1 (2.6 to 8.6)	0.5 (-1.0 to 9.3)	2.74 (2.38 to 2.88)	2680 (2520 to 3287)
TOP 70%	45 (28 to 99)	0.06 (0.02 to 0.23)	70 (40 to 157)	0.15 (0.03 to 0.45)	1116 (404 to 3332)	705 (482 to 1375)	1.23 (0.47 to 4.28)	1.44 (0.78 to 3.38)	0.45 (-0.26 to 2.65)	3.9 (2.1 to 8.6)	0.2 (-1.5 to 9.3)	2.77 (2.38 to 2.93)	2653 (2468 to 3287)
TOP 80%	43 (23 to 99)	0.06 (0.01 to 0.23)	65 (30 to 157)	0.13 (-.01 to 0.45)	1014 (190 to 3332)	672 (409 to 1375)	1.13 (0.27 to 4.28)	1.34 (0.56 to 3.38)	0.34 (-0.49 to 2.65)	3.7 (1.5 to 8.6)	-0.0 (-2.1 to 9.3)	2.79 (2.38 to 2.98)	2626 (2402 to 3287)
TOP 90%	40 (14 to 99)	0.05 (-.01 to 0.23)	61 (17 to 157)	0.11 (-.06 to 0.45)	905 (-147 to 3332)	638 (298 to 1375)	1.01 (-0.06 to 4.28)	1.24 (0.24 to 3.38)	0.24 (-0.84 to 2.65)	3.4 (0.4 to 8.6)	-0.3 (-2.8 to 9.3)	2.82 (2.38 to 3.07)	2596 (2288 to 3287)
ALL	36 (-78 to 99)	0.04 (-.13 to 0.23)	55 (-84 to 157)	0.09 (-.29 to 0.45)	756 (-2807 to 3332)	575 (-853 to 1375)	0.86 (-4.91 to 4.28)	1.09 (-4.13 to 3.38)	0.10 (-2.22 to 2.65)	3.0 (-5.7 to 8.6)	-0.6 (-8.0 to 9.3)	2.85 (2.38 to 3.64)	2543 (1149 to 3287)
No. Bulls	5140	5140	5140	5140	5140	5140	3749	3749	3749	5140	5140	5140	3718

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