



HD50K for Angus Molecular Value Predictions



Sale Lot No.	Animal Ident		CE %	CEDtrs %	BW Kg	SS cm	WW Kg	Milk Kg	YW Kg	MCW Kg	DMI Kg/d	NFI Kg/d	FDG Kg/d	CWt Kg	Rib mm	EMA cm <sup>2</sup>	Marb %	Tend KgSF
1	E110	HD 50K MVP	-0.7	0.7	3	1.3	21	5	61	99	-0.18	-0.08	0.11	17	-0.9	2.7	0	-0.19
		% Breed Rank	90	50	85	40	15	45	30	90	20	65	85	15	95	20	90	90
2	F49	HD 50K MVP	1.1	1.6	2.7	1	17	3	57	91	0.09	-0.08	0.18	12	-0.8	0.6	0.2	-0.27
		% Breed Rank	15	20	75	65	35	85	45	80	70	65	25	35	95	85	75	45
3	F153	HD 50K MVP	-0.5	0.1	3.5	1.5	25	6	74	116	0.38	0.05	0.18	17	-0.7	1.7	0.2	-0.27
		% Breed Rank	85	70	95	30	5	25	4	100	100	100	25	15	95	45	75	45
4	F288	HD 50K MVP	-0.2	0.2	2.9	0.6	21	3	58	83	-0.13	-0.09	0.12	14	-0.8	2.3	0	-0.31
		% Breed Rank	75	65	85	90	15	85	40	70	30	60	80	25	95	25	90	20
5	F321	HD 50K MVP	0	0.3	1.9	1.3	15	5	51	71	-0.04	-0.13	0.13	10	-0.1	2.1	0.3	-0.28
		% Breed Rank	65	60	20	40	60	45	65	50	45	40	70	55	70	30	60	40
6	F352	HD 50K MVP	-1.5	-0.5	3.5	1.2	26	4	72	114	0.01	-0.18	0.18	20	-1.3	3.1	-0.2	-0.25
		% Breed Rank	95	85	95	50	4	65	6	100	55	20	25	8	100	10	100	60
7	F117	HD 50K MVP	-0.8	0.3	3.2	1.2	17	3	55	84	0.23	-0.1	0.23	12	0.1	2.6	1.1	-0.29
		% Breed Rank	90	60	90	50	35	85	50	70	90	55	7	35	50	20	6	35
8	G16	HD 50K MVP	-1.6	-1.2	3.8	1.2	21	6	70	83	0.1	-0.03	0.17	15	-0.9	2.2	0.1	-0.29
		% Breed Rank	95	95	95	50	15	25	8	70	70	85	30	20	95	30	85	35
9	G2	HD 50K MVP	-1.2	0.3	3.5	2.1	18	9	57	71	0.16	-0.01	0.17	16	-0.3	1.9	0.4	-0.19
		% Breed Rank	95	60	95	7	25	8	45	50	80	90	30	15	80	40	45	90
10	G39	HD 50K MVP	-0.9	0.5	3.3	0.8	23	3	74	118	0.22	0.04	0.16	17	-0.5	2.6	0	-0.31
		% Breed Rank	90	55	95	75	8	85	4	100	90	100	40	15	90	20	90	20
11	G1	HD 50K MVP	-0.3	1.1	3	1.7	15	4	55	56	0.01	-0.13	0.17	10	0.5	1.9	0.4	-0.26
		% Breed Rank	80	35	85	20	60	65	50	25	55	40	30	55	20	40	45	55
12	G3	HD 50K MVP	-0.7	0.3	3.4	1.9	14	7	44	52	-0.22	-0.14	0.13	5	0.4	1.5	1.2	-0.25
		% Breed Rank	90	60	95	15	70	15	80	25	15	35	70	90	25	55	5	60
13	G4	HD 50K MVP	0.3	0.3	3.3	0.4	22	4	59	100	0.42	0.09	0.2	15	-0.4	1.8	0	-0.34
		% Breed Rank	45	60	95	95	9	65	40	90	100	100	15	20	85	40	90	9
14	G7	HD 50K MVP	-0.4	-0.3	3.1	1.2	17	6	51	69	0.12	-0.07	0.19	11	-0.2	1.5	0.7	-0.24
		% Breed Rank	85	80	90	50	35	25	65	45	75	70	20	45	75	55	15	70
15	G8	HD 50K MVP	-0.5	1.1	3	0.9	17	4	54	102	-0.09	-0.01	0.12	10	-1.2	1.1	0.1	-0.35
		% Breed Rank	85	35	85	70	35	65	55	95	35	90	80	55	100	70	85	7
16	G19	HD 50K MVP	-0.8	0.2	2.9	1	17	4	54	99	-0.23	-0.09	0.12	13	-0.5	2.1	0.2	-0.24
		% Breed Rank	90	65	85	65	35	65	55	90	15	60	80	30	90	30	75	70
17	G12	HD 50K MVP	-1.4	2.3	3.1	0.6	19	4	60	64	0.31	0.06	0.16	16	-0.1	1.8	0	-0.33
		% Breed Rank	95	10	90	90	20	65	35	35	95	100	40	15	70	40	90	15
18	G17	HD 50K MVP	-0.5	-0.2	3.2	1.8	19	7	57	78	0.51	0.07	0.2	12	0.2	0.7	0.6	-0.29
		% Breed Rank	85	80	90	15	20	15	45	60	100	100	15	35	40	85	25	35
19	G21	HD 50K MVP	-0.6	-1.3	3.6	0.9	26	5	64	89	0.18	-0.08	0.19	16	-0.9	3.3	0	-0.21
		% Breed Rank	85	95	95	70	4	45	20	80	85	65	20	15	95	9	90	85
20	G23	HD 50K MVP	-1.3	-0.4	3.7	1.6	20	2	60	91	0.06	-0.14	0.2	14	-0.7	1.6	0.5	-0.3
		% Breed Rank	95	85	95	25	15	95	35	80	65	35	15	25	95	50	35	25



HD50K for Angus Molecular Value Predictions



Sale Lot No.	Animal Ident		CE %	CEDtrs %	BW Kg	SS cm	WW Kg	Milk Kg	YW Kg	MCW Kg	DMI Kg/d	NFI Kg/d	FDG Kg/d	CWt Kg	Rib mm	EMA cm <sup>2</sup>	Marb %	Tend KgSF
21	G33	HD 50K MVP	-1.5	-1.3	3.8	0.9	20	4	69	103	0	-0.06	0.15	17	-0.5	2.6	0.1	-0.3
		% Breed Rank	95	95	95	70	15	65	10	95	55	75	50	15	90	20	85	25
22	G28	HD 50K MVP	-2.2	-1.3	4.6	0.8	25	5	63	98	0.11	-0.06	0.18	15	-0.6	2.1	0.3	-0.2
		% Breed Rank	100	95	100	75	5	45	25	90	75	75	25	20	95	30	60	90
23	G35	HD 50K MVP	-0.3	0.6	2.6	1.5	20	6	57	77	-0.02	-0.06	0.12	18	0.2	0.6	0.6	-0.35
		% Breed Rank	80	50	70	30	15	25	45	60	50	75	80	15	40	85	25	7
24	G36	HD 50K MVP	-0.5	0.7	3.2	1.6	24	5	63	102	0.2	-0.03	0.18	15	0	1.8	0.3	-0.32
		% Breed Rank	85	50	90	25	6	45	25	95	85	85	25	20	60	40	60	15
25	G38	HD 50K MVP	-0.8	0.1	3.5	0.7	21	4	58	78	0.07	-0.02	0.18	15	-0.4	2.3	0.4	-0.29
		% Breed Rank	90	70	95	85	15	65	40	60	65	90	25	20	85	25	45	35
26	G40	HD 50K MVP	-1.7	-1	4.4	1	21	3	58	92	-0.16	-0.06	0.05	14	-0.8	1.2	0.1	-0.23
		% Breed Rank	95	95	100	65	15	85	40	85	25	75	100	25	95	70	85	75
27	G47	HD 50K MVP	-2.2	-0.7	4.3	1.8	26	6	65	102	-0.13	-0.1	0.12	22	-0.6	1.7	0.4	-0.29
		% Breed Rank	100	90	100	15	4	25	20	95	30	55	80	6	95	45	45	35
28	G58	HD 50K MVP	0.5	2.1	2.3	1.2	15	8	50	58	0.13	-0.07	0.16	13	0.6	1.8	0.6	-0.3
		% Breed Rank	35	15	45	50	60	15	65	30	75	70	40	30	15	40	25	25
29	G44	HD 50K MVP	-0.6	-0.8	3.1	0.9	18	3	53	74	-0.03	-0.08	0.11	13	-0.4	1.6	0.3	-0.22
		% Breed Rank	85	90	90	70	25	85	55	55	50	65	85	30	85	50	60	80
30	G48	HD 50K MVP	-0.5	-0.1	2.7	0.8	16	2	52	84	-0.19	-0.07	0.1	9	-0.7	2.2	0.1	-0.27
		% Breed Rank	85	75	75	75	45	95	60	70	20	70	90	65	95	30	85	45
31	G54	HD 50K MVP	-1	1.1	3.7	1.8	25	6	77	119	-0.02	-0.07	0.17	24	-0.4	2.6	0.4	-0.26
		% Breed Rank	90	35	95	15	5	25	3	100	50	70	30	3	85	20	45	55
32	G56	HD 50K MVP	0	0.1	2.2	0.6	18	3	57	68	-0.01	-0.18	0.17	12	-0.1	2.1	0.3	-0.28
		% Breed Rank	65	70	35	90	25	85	45	45	50	20	30	35	70	30	60	40
33	G57	HD 50K MVP	-0.4	1	3.4	0.7	20	7	59	79	0.08	-0.07	0.17	15	-0.6	1.5	0.3	-0.33
		% Breed Rank	85	40	95	85	15	15	40	60	70	70	30	20	95	55	60	15
34	G61	HD 50K MVP	-0.9	-1.5	3.8	1	24	5	66	71	0.04	-0.1	0.14	15	-0.8	1.6	0.3	-0.24
		% Breed Rank	90	100	95	65	6	45	15	50	60	55	60	20	95	50	60	70
35	G63	HD 50K MVP	-0.3	0	2.6	0.4	21	4	56	69	-0.01	-0.12	0.15	15	-0.6	2.2	0.2	-0.19
		% Breed Rank	80	70	70	95	15	65	50	45	50	45	50	20	95	30	75	90
36	G67	HD 50K MVP	-0.4	-0.3	2.8	0.8	20	3	62	77	-0.13	-0.14	0.15	15	0	2.6	0.3	-0.3
		% Breed Rank	85	80	80	75	15	85	25	60	30	35	50	20	60	20	60	25
37	G68	HD 50K MVP	-1.6	0	4.2	0.9	27	7	70	97	-0.1	-0.07	0.14	20	-0.9	2.7	0.3	-0.28
		% Breed Rank	95	70	100	70	3	15	8	90	35	70	60	8	95	20	60	40
38	G72	HD 50K MVP	-0.9	-0.1	3.4	1.8	17	7	50	80	0.16	-0.06	0.17	10	0	0.8	0.9	-0.26
		% Breed Rank	90	75	95	15	35	15	65	65	80	75	30	55	60	80	8	55
39	G73	HD 50K MVP	-2	0.4	4.3	2.2	29	6	70	102	0.18	-0.05	0.16	23	-1	2	0.4	-0.32
		% Breed Rank	100	60	100	5	2	25	8	95	85	80	40	4	100	35	45	15
40	G74	HD 50K MVP	-1.2	-0.4	3.3	1.3	21	5	56	87	-0.04	-0.11	0.16	12	-0.5	0.3	0.2	-0.28
		% Breed Rank	95	85	95	40	15	45	50	75	45	50	40	35	90	90	75	40



HD50K for Angus Molecular Value Predictions



Sale Lot No.	Animal Ident		CE %	CEDtrs %	BW Kg	SS cm	WW Kg	Milk Kg	YW Kg	MCW Kg	DMI Kgd	NFI Kgd	FDG Kgd	CWt Kg	Rib mm	EMA cm <sup>2</sup>	Marb %	Tend KgSF
41	G76	HD 50K MVP	-0.5	0	3.7	1.1	21	6	60	82	-0.1	-0.11	0.12	17	-0.7	2.3	0.4	-0.36
		% Breed Rank	85	70	95	55	15	25	35	65	35	50	80	15	95	25	45	5
42	G80	HD 50K MVP	-0.1	0.3	3.4	1.4	17	5	51	85	-0.08	-0.08	0.16	9	-0.2	1.6	0.2	-0.3
		% Breed Rank	70	60	95	35	35	45	65	75	40	65	40	65	75	50	75	25
43	G78	HD 50K MVP	-0.4	0.7	2.3	2	19	4	56	75	-0.25	-0.14	0.11	15	0	1.7	0.2	-0.15
		% Breed Rank	85	50	45	9	20	65	50	55	10	35	85	20	60	45	75	100
44	G84	HD 50K MVP	-0.9	-0.5	3.8	1.6	17	5	66	87	0.05	-0.09	0.17	10	0.4	1.2	0.9	-0.25
		% Breed Rank	90	85	95	25	35	45	15	75	65	60	30	55	25	70	8	60
45	G82	HD 50K MVP	-1.4	0.2	4.2	1.1	25	4	61	101	-0.34	-0.12	0.13	21	-0.6	3.5	0.3	-0.31
		% Breed Rank	95	65	100	55	5	65	30	95	4	45	70	7	95	7	60	20
46	G83	HD 50K MVP	-0.9	-1.1	3.6	0.5	22	5	62	80	0.09	-0.01	0.16	17	-0.6	1.3	0.3	-0.18
		% Breed Rank	90	95	95	95	9	45	25	65	70	90	40	15	95	65	60	95
47	G90	HD 50K MVP	-0.9	0	3.1	1.4	22	7	64	92	-0.15	-0.14	0.13	17	-0.7	1.3	0.2	-0.22
		% Breed Rank	90	70	90	35	9	15	20	85	25	35	70	15	95	65	75	80
48	G91	HD 50K MVP	-0.5	0.1	2.2	0.9	21	3	57	61	0.01	-0.1	0.12	15	-0.5	2.5	0.3	-0.23
		% Breed Rank	85	70	35	70	15	85	45	35	55	55	80	20	90	20	60	75
49	G95	HD 50K MVP	-1.4	0.6	3.8	1.5	25	6	68	105	-0.1	-0.09	0.13	24	-0.8	2.4	0.2	-0.25
		% Breed Rank	95	50	95	30	5	25	15	95	35	60	70	3	95	25	75	60
50	G96	HD 50K MVP	-1.2	0.7	3.3	0.7	20	5	62	100	-0.14	-0.05	0.11	15	-0.8	2	0	-0.23
		% Breed Rank	95	50	95	85	15	45	25	90	30	80	85	20	95	35	90	75
51	G101	HD 50K MVP	-0.4	-1.4	3.3	1.1	20	6	62	78	-0.08	-0.14	0.17	13	-0.8	1.9	0.3	-0.25
		% Breed Rank	85	95	95	55	15	25	25	60	40	35	30	30	95	40	60	60
52	G102	HD 50K MVP	-1.3	0.9	4.1	1.5	27	7	67	86	-0.06	-0.11	0.14	22	-1.2	2.2	0.5	-0.33
		% Breed Rank	95	40	100	30	3	15	15	75	40	50	60	6	100	30	35	15
53	G103	HD 50K MVP	0	1.3	2.8	1.2	20	6	54	74	0.11	-0.1	0.17	13	0.2	1.9	0.7	-0.3
		% Breed Rank	65	30	80	50	15	25	55	55	75	55	30	30	40	40	15	25
54	G104	HD 50K MVP	-0.7	1.1	3.3	1.7	20	5	55	86	0.18	-0.06	0.19	15	0.6	1.6	0.8	-0.24
		% Breed Rank	90	35	95	20	15	45	50	75	85	75	20	20	15	50	10	70
55	G105	HD 50K MVP	-1	-0.9	2.9	1.5	20	4	62	86	0.04	-0.14	0.18	16	-0.5	2.5	0.2	-0.29
		% Breed Rank	90	95	85	30	15	65	25	75	60	35	25	15	90	20	75	35
56	G112	HD 50K MVP	0	0.7	2.2	1.6	15	3	45	84	0.2	-0.02	0.19	11	0.1	0.7	0.7	-0.3
		% Breed Rank	65	50	35	25	60	85	80	70	85	90	20	45	50	85	15	25
57	G114	HD 50K MVP	0	1	2.6	1.5	16	3	47	94	0.18	-0.04	0.16	11	0.4	1.5	0.7	-0.29
		% Breed Rank	65	40	70	30	45	85	75	85	85	85	40	45	25	55	15	35
58	G107	HD 50K MVP	-0.4	1.2	2.8	1.1	13	5	55	69	0.09	-0.07	0.16	7	0.5	0.1	0.6	-0.24
		% Breed Rank	85	30	80	55	80	45	50	45	70	70	40	75	20	95	25	70
59	G120	HD 50K MVP	-0.3	0.1	2.7	1.3	21	4	53	66	-0.01	-0.08	0.14	13	-0.4	2.1	0.6	-0.26
		% Breed Rank	80	70	75	40	15	65	55	40	50	65	60	30	85	30	25	55
60	G121	HD 50K MVP	-1.4	-0.4	2.9	0.8	22	8	53	74	0.05	-0.07	0.17	13	-0.6	3.3	0.1	-0.33
		% Breed Rank	95	85	85	75	9	15	55	55	65	70	30	30	95	9	85	15



HD50K for Angus Molecular Value Predictions



Sale Lot No.	Animal Ident		CE %	CEDtrs %	BW Kg	SS cm	WW Kg	Milk Kg	YW Kg	MCW Kg	DMI Kgd	NFI Kgd	FDG Kgd	CWt Kg	Rib mm	EMA cm <sup>2</sup>	Marb %	Tend KgSF
61	G124	HD 50K MVP	-0.7	0	3.4	1.2	21	4	55	99	0.14	-0.03	0.19	16	-1	0.8	0.1	-0.23
		% Breed Rank	90	70	95	50	15	65	50	90	80	85	20	15	100	80	85	75
62	G126	HD 50K MVP	1	1.7	1.9	2.4	18	5	57	70	0.15	-0.01	0.16	12	0.4	1.6	1	-0.27
		% Breed Rank	15	20	20	3	25	45	45	45	80	90	40	35	25	50	7	45
63	G133	HD 50K MVP	-0.4	-0.4	2.3	1.4	18	2	54	90	-0.02	-0.05	0.13	12	0	1.3	0.4	-0.26
		% Breed Rank	85	85	45	35	25	95	55	80	50	80	70	35	60	65	45	55
64	G135	HD 50K MVP	-0.4	1.7	2.9	1.3	24	6	65	99	-0.01	-0.05	0.14	20	-0.3	2.2	0.4	-0.25
		% Breed Rank	85	20	85	40	6	25	20	90	50	80	60	8	80	30	45	60
65	G136	HD 50K MVP	-1.4	-0.8	4	1.3	23	6	54	86	-0.07	-0.08	0.12	14	-0.2	2.3	0.2	-0.18
		% Breed Rank	95	90	100	40	8	25	55	75	40	65	80	25	75	25	75	95
66	G139	HD 50K MVP	-0.8	0	3.1	1.3	21	6	62	103	0.01	-0.07	0.18	16	-0.8	2.5	0.4	-0.26
		% Breed Rank	90	70	90	40	15	25	25	95	55	70	25	15	95	20	45	55
67	G141	HD 50K MVP	-1	-0.1	3.2	0.6	21	4	58	91	0.06	-0.04	0.17	18	-0.7	2.4	0.2	-0.26
		% Breed Rank	90	75	90	90	15	65	40	80	65	85	30	15	95	25	75	55
68	G142	HD 50K MVP	-0.4	-0.6	3	1.2	24	3	57	91	-0.05	-0.15	0.16	16	-0.5	2.6	-0.1	-0.27
		% Breed Rank	85	90	85	50	6	85	45	80	45	30	40	15	90	20	95	45
69	G143	HD 50K MVP	0.3	1.4	2.4	1.5	20	7	54	89	-0.05	-0.08	0.14	14	-0.8	2.6	0.1	-0.19
		% Breed Rank	45	25	55	30	15	15	55	80	45	65	60	25	95	20	85	90
70	G146	HD 50K MVP	0.2	1.5	2.4	1.3	17	6	46	72	-0.02	-0.12	0.15	11	0.7	1.5	0.8	-0.24
		% Breed Rank	55	25	55	40	35	25	75	50	50	45	50	45	10	55	10	70
71	G147	HD 50K MVP	-0.8	-0.9	3.9	0.9	22	3	63	86	0.08	-0.1	0.16	16	-0.8	2.8	0.3	-0.33
		% Breed Rank	90	95	100	70	9	85	25	75	70	55	40	15	95	15	60	15
72	G148	HD 50K MVP	-1.1	-0.3	3.5	1.9	24	6	62	88	-0.12	-0.09	0.14	18	-0.4	1.9	0.2	-0.3
		% Breed Rank	95	80	95	15	6	25	25	80	30	60	60	15	85	40	75	25
73	G152	HD 50K MVP	-0.5	0.2	2.9	1.2	19	2	60	90	0.11	-0.12	0.16	16	-0.4	1.7	0.1	-0.3
		% Breed Rank	85	65	85	50	20	95	35	80	75	45	40	15	85	45	85	25
74	G156	HD 50K MVP	-1.2	0.4	4	0.9	26	6	67	117	0.33	0.04	0.21	20	-0.7	2.8	0.1	-0.32
		% Breed Rank	95	60	100	70	4	25	15	100	95	100	15	8	95	15	85	15
75	G157	HD 50K MVP	-0.3	-0.5	2.6	1	24	4	62	78	0.12	-0.11	0.17	17	-0.5	2.4	0.2	-0.23
		% Breed Rank	80	85	70	65	6	65	25	60	75	50	30	15	90	25	75	75
76	G158	HD 50K MVP	-0.2	-0.7	2.4	1.1	18	2	57	68	-0.17	-0.16	0.11	12	-0.1	2.7	0.3	-0.19
		% Breed Rank	75	90	55	55	25	95	45	45	25	25	85	35	70	20	60	90
77	G159	HD 50K MVP	-0.2	0.2	2.1	1.1	24	3	55	91	0.07	-0.11	0.12	19	-1.2	2.2	-0.2	-0.27
		% Breed Rank	75	65	30	55	6	85	50	80	65	50	80	9	100	30	100	45
78	G161	HD 50K MVP	-0.5	0.1	2.9	1.3	20	5	56	59	0.03	-0.11	0.14	12	-0.6	2.1	0.3	-0.25
		% Breed Rank	85	70	85	40	15	45	50	30	60	50	60	35	95	30	60	60
79	G169	HD 50K MVP	-0.6	1.3	2.7	2	20	7	63	84	0.24	-0.03	0.18	15	0.5	2.3	0.6	-0.26
		% Breed Rank	85	30	75	9	15	15	25	70	90	85	25	20	20	25	25	55
80	G167	HD 50K MVP	0.6	0.9	1.8	1.2	16	4	50	51	0.19	-0.07	0.16	11	0	1.2	0.7	-0.27
		% Breed Rank	30	40	15	50	45	65	65	20	85	70	40	45	60	70	15	45



HD50K for Angus Molecular Value Predictions



Sale Lot No.	Animal Ident		CE %	CEDtrs %	BW Kg	SS cm	WW Kg	Milk Kg	YW Kg	MCW Kg	DMI Kg/d	NFI Kg/d	FDG Kg/d	CWt Kg	Rib mm	EMA cm <sup>2</sup>	Marb %	Tend KgSF
81	G170	HD 50K MVP	-1.5	0.1	3.3	1.2	25	5	63	73	0.16	-0.01	0.15	21	-0.2	1.5	0.1	-0.16
		% Breed Rank	95	70	95	50	5	45	25	50	80	90	50	7	75	55	85	100
82	G174	HD 50K MVP	-0.2	0.4	2.7	2	23	5	65	94	0.07	-0.16	0.2	16	-0.3	2.8	0.2	-0.29
		% Breed Rank	75	60	75	9	8	45	20	85	65	25	15	15	80	15	75	35
83	G175	HD 50K MVP	-1.9	-0.5	4	1	25	5	68	120	0.19	-0.01	0.17	15	-0.9	0.8	-0.1	-0.3
		% Breed Rank	100	85	100	65	5	45	15	100	85	90	30	20	95	80	95	25
84	G177	HD 50K MVP	-1.9	-1.9	4.4	1	27	5	67	91	0.15	-0.03	0.16	19	-1.1	3	0.2	-0.25
		% Breed Rank	100	100	100	65	3	45	15	80	80	85	40	9	100	15	75	60
85	G178	HD 50K MVP	-0.3	0.6	3.2	1.4	23	2	66	94	0.2	-0.04	0.21	16	-0.4	2.8	0.1	-0.27
		% Breed Rank	80	50	90	35	8	95	15	85	85	85	15	15	85	15	85	45
86	G179	HD 50K MVP	0.7	-0.2	1.9	0.8	19	2	51	66	0	-0.19	0.2	18	-0.3	3	0.5	-0.32
		% Breed Rank	25	80	20	75	20	95	65	40	55	15	15	15	80	15	35	15
87	G181	HD 50K MVP	0.2	0.4	2.5	1.3	21	3	61	82	0.03	-0.16	0.21	16	-0.1	2.6	0.2	-0.28
		% Breed Rank	55	60	60	40	15	85	30	65	60	25	15	15	70	20	75	40
88	G182	HD 50K MVP	-0.6	-0.1	3.2	1.5	24	5	67	95	-0.15	-0.13	0.13	15	-0.4	1.9	0.2	-0.27
		% Breed Rank	85	75	90	30	6	45	15	85	25	40	70	20	85	40	75	45
89	G184	HD 50K MVP	-0.2	0.8	3	1.5	21	6	70	94	0.06	-0.14	0.18	16	-0.4	1.4	0.3	-0.31
		% Breed Rank	75	45	85	30	15	25	8	85	65	35	25	15	85	60	60	20
90	G190	HD 50K MVP	-1.2	0.3	3.6	0.6	22	3	61	101	0.12	-0.09	0.19	14	-0.4	1.6	0.5	-0.29
		% Breed Rank	95	60	95	90	9	85	30	95	75	60	20	25	85	50	35	35
91	G194	HD 50K MVP	-2.2	-0.1	4.5	1.2	26	5	69	105	0.3	-0.01	0.2	20	-1	3.2	0.4	-0.35
		% Breed Rank	100	75	100	50	4	45	10	95	95	90	15	8	100	10	45	7
92	G195	HD 50K MVP	-0.5	0.1	2.8	1.2	20	4	56	77	-0.03	-0.09	0.17	13	-0.2	2.4	0.3	-0.2
		% Breed Rank	85	70	80	50	15	65	50	60	50	60	30	30	75	25	60	90
93	G196	HD 50K MVP	-1.6	-1.5	4.5	0.4	22	4	57	93	0	-0.03	0.11	14	-0.8	2.3	0.1	-0.17
		% Breed Rank	95	100	100	95	9	65	45	85	55	85	85	25	95	25	85	95
94	G198	HD 50K MVP	-0.7	-0.3	3	1.4	15	5	55	81	0.03	-0.06	0.13	9	-0.2	1.3	0.2	-0.28
		% Breed Rank	90	80	85	35	60	45	50	65	60	75	70	65	75	65	75	40
95	G200	HD 50K MVP	-2	-0.4	4.5	0.7	25	3	68	108	-0.11	-0.11	0.14	22	-1.1	2	0.2	-0.27
		% Breed Rank	100	85	100	85	5	85	15	100	35	50	60	6	100	35	75	45
96	G201	HD 50K MVP	-0.2	-0.3	3.2	1.5	20	4	55	102	0.11	-0.06	0.17	9	-0.5	1.9	0.2	-0.23
		% Breed Rank	75	80	90	30	15	65	50	95	75	75	30	65	90	40	75	75
97	G202	HD 50K MVP	-0.6	-0.4	3.2	1.5	13	6	38	56	0.03	-0.01	0.15	6	0	0.7	0.6	-0.18
		% Breed Rank	85	85	90	30	80	25	90	25	60	90	50	80	60	85	25	95
98	G205	HD 50K MVP	-0.2	0.6	3.1	0.8	21	3	60	100	0.09	-0.11	0.18	19	-0.3	1.8	0.4	-0.22
		% Breed Rank	75	50	90	75	15	85	35	90	70	50	25	9	80	40	45	80
99	G206	HD 50K MVP	-0.9	-1.3	3.4	1.3	24	6	71	84	0.11	0	0.14	18	-0.9	3	0.3	-0.26
		% Breed Rank	90	95	95	40	6	25	7	70	75	95	60	15	95	15	60	55
100	G208	HD 50K MVP	-0.3	0.8	3.1	1.2	24	6	63	80	0.05	-0.05	0.16	20	-0.4	2.4	0.2	-0.27
		% Breed Rank	80	45	90	50	6	25	25	65	65	80	40	8	85	25	75	45



HD50K for Angus Molecular Value Predictions



Sale Lot No.	Animal Ident		CE %	CEDtrs %	BW Kg	SS cm	WW Kg	Milk Kg	YW Kg	MCW Kg	DMI Kg/d	NFI Kg/d	FDG Kg/d	CWt Kg	Rib mm	EMA cm <sup>2</sup>	Marb %	Tend KgSF
101	G211	HD 50K MVP	-0.7	1.6	3.2	0.7	19	4	52	84	0.06	-0.03	0.1	10	-0.1	1.1	-0.2	-0.25
		% Breed Rank	90	20	90	85	20	65	60	70	65	85	90	55	70	70	100	60
102	G212	HD 50K MVP	-0.5	1.9	3.1	1.7	21	5	58	73	-0.22	-0.16	0.13	13	-0.9	2	0.1	-0.21
		% Breed Rank	85	15	90	20	15	45	40	50	15	25	70	30	95	35	85	85
103	G215	HD 50K MVP	-0.5	0.9	2.9	1.3	21	5	58	106	0.08	-0.1	0.2	12	-0.2	2	0.4	-0.28
		% Breed Rank	85	40	85	40	15	45	40	95	70	55	15	35	75	35	45	40
104	G220	HD 50K MVP	-0.5	-0.4	2.8	1.2	20	5	52	67	0.11	-0.01	0.15	16	-0.5	1.3	0.3	-0.28
		% Breed Rank	85	85	80	50	15	45	60	40	75	90	50	15	90	65	60	40
105	G221	HD 50K MVP	-0.4	0.3	2.8	0.8	22	1	59	87	0.2	-0.05	0.22	17	-0.2	2.4	0.2	-0.29
		% Breed Rank	85	60	80	75	9	100	40	75	85	80	8	15	75	25	75	35
106	G224	HD 50K MVP	1	0.9	1.2	2.3	16	3	54	79	0.14	-0.11	0.19	13	0.6	1.8	0.2	-0.24
		% Breed Rank	15	40	6	4	45	85	55	60	80	50	20	30	15	40	75	70
107	G225	HD 50K MVP	-0.8	-0.2	3.5	2.2	21	5	60	70	-0.12	-0.04	0.09	8	-0.5	1.6	0.4	-0.26
		% Breed Rank	90	80	95	5	15	45	35	45	30	85	95	70	90	50	45	55
108	G233	HD 50K MVP	-0.5	-0.2	2.9	1.1	22	0	65	110	0.11	-0.01	0.13	20	-1.1	2.3	-0.1	-0.25
		% Breed Rank	85	80	85	55	9	100	20	100	75	90	70	8	100	25	95	60
109	G235	HD 50K MVP	-0.1	0.3	3.1	1.1	21	6	63	91	-0.08	-0.1	0.14	17	-0.9	1.2	0.2	-0.29
		% Breed Rank	70	60	90	55	15	25	25	80	40	55	60	15	95	70	75	35
110	G234	HD 50K MVP	-0.4	0.7	3.7	1.4	22	6	67	97	0.12	-0.03	0.19	15	-0.5	1.5	0.2	-0.19
		% Breed Rank	85	50	95	35	9	25	15	90	75	85	20	20	90	55	75	90
111	G237	HD 50K MVP	-0.6	-0.2	2.9	0.9	23	3	66	95	0.12	-0.04	0.14	18	-0.7	2.8	0.2	-0.28
		% Breed Rank	85	80	85	70	8	85	15	85	75	85	60	15	95	15	75	40
112	G239	HD 50K MVP	-0.9	0.6	3.4	1.2	20	4	62	110	-0.18	-0.05	0.12	16	-0.7	1.9	0.1	-0.27
		% Breed Rank	90	50	95	50	15	65	25	100	20	80	80	15	95	40	85	45
113	G242	HD 50K MVP	-0.3	0.3	3.2	1.4	20	7	57	66	-0.16	-0.12	0.13	11	0	1.5	0.7	-0.3
		% Breed Rank	80	60	90	35	15	15	45	40	25	45	70	45	60	55	15	25
114	G248	HD 50K MVP	0.2	0.7	1.6	0.9	13	5	41	61	0.04	-0.03	0.16	10	0.3	1.3	0.5	-0.26
		% Breed Rank	55	50	15	70	80	45	85	35	60	85	40	55	30	65	35	55
115	G245	HD 50K MVP	-1.4	-0.8	3.7	1.1	26	6	68	88	0	-0.04	0.14	19	-0.7	2.6	0.2	-0.23
		% Breed Rank	95	90	95	55	4	25	15	80	55	85	60	9	95	20	75	75
116	G251	HD 50K MVP	-1.3	-0.9	3.7	1.1	21	7	50	89	-0.09	-0.08	0.12	19	-0.6	2.1	0.3	-0.26
		% Breed Rank	95	95	95	55	15	15	65	80	35	65	80	9	95	30	60	55
117	G254	HD 50K MVP	-0.7	1	3.5	1.1	19	6	66	91	-0.07	0.01	0.09	15	-0.5	2.4	0.2	-0.21
		% Breed Rank	90	40	95	55	20	25	15	80	40	95	95	20	90	25	75	85
118	G255	HD 50K MVP	-0.3	0.6	2.8	1.1	17	5	51	85	-0.33	-0.17	0.13	11	-0.1	1.5	0.2	-0.23
		% Breed Rank	80	50	80	55	35	45	65	75	5	20	70	45	70	55	75	75
119	G256	HD 50K MVP	-1	-1.2	3	0.8	24	4	66	96	0.12	-0.06	0.16	21	-0.5	1.4	0.3	-0.27
		% Breed Rank	90	95	85	75	6	65	15	90	75	75	40	7	90	60	60	45
120	G260	HD 50K MVP	0	-0.3	3.2	0.6	20	5	56	101	0.2	-0.01	0.17	14	-1.1	2.2	0.2	-0.27
		% Breed Rank	65	80	90	90	15	45	50	95	85	90	30	25	100	30	75	45



HD50K for Angus Molecular Value Predictions



Sale Lot No.	Animal Ident		CE %	CEDtrs %	BW Kg	SS cm	WW Kg	Milk Kg	YW Kg	MCW Kg	DMI Kg/d	NFI Kg/d	FDG Kg/d	CWt Kg	Rib mm	EMA cm <sup>2</sup>	Marb %	Tend KgSF
121	G259	HD 50K MVP	-0.6	0.2	2.8	1.3	23	5	64	98	0.03	-0.14	0.19	18	-0.8	2.2	0.2	-0.22
		% Breed Rank	85	65	80	40	8	45	20	90	60	35	20	15	95	30	75	80
122	G262	HD 50K MVP	-1.3	-0.4	4.3	1	23	5	59	90	0.11	-0.04	0.15	19	-0.6	1.8	0.2	-0.21
		% Breed Rank	95	85	100	65	8	45	40	80	75	85	50	9	95	40	75	85
123	G265	HD 50K MVP	-1.1	0.1	2.8	1.9	18	5	56	65	-0.37	-0.15	0.1	14	-0.3	2.1	0.5	-0.16
		% Breed Rank	95	70	80	15	25	45	50	40	3	30	90	25	80	30	35	100
124	G268	HD 50K MVP	1.1	2.5	1.7	1.1	18	3	58	86	-0.04	-0.16	0.14	17	-0.2	2.9	0.2	-0.28
		% Breed Rank	15	8	15	55	25	85	40	75	45	25	60	15	75	15	75	40
125	G270	HD 50K MVP	-0.7	-0.2	3.3	1.2	24	5	64	104	-0.05	-0.11	0.17	19	-0.9	1.5	0.3	-0.22
		% Breed Rank	90	80	95	50	6	45	20	95	45	50	30	9	95	55	60	80
126	G274	HD 50K MVP	-0.7	0.5	3	1.2	17	6	48	90	-0.1	-0.09	0.13	8	-0.3	1.7	0.3	-0.29
		% Breed Rank	90	55	85	50	35	25	70	80	35	60	70	70	80	45	60	35
127	G271	HD 50K MVP	-1.3	0.1	3.6	1.1	19	5	50	97	-0.17	-0.1	0.12	13	-0.2	1.8	0.2	-0.29
		% Breed Rank	95	70	95	55	20	45	65	90	25	55	80	30	75	40	75	35
128	G279	HD 50K MVP	-2.6	-0.8	4.8	1.1	24	4	56	106	0.05	-0.05	0.17	19	-1.2	1.2	0	-0.23
		% Breed Rank	100	90	100	55	6	65	50	95	65	80	30	9	100	70	90	75
129	G277	HD 50K MVP	-1	-0.1	3.3	0.5	23	3	53	106	0.11	-0.03	0.17	19	-0.8	2.9	-0.1	-0.31
		% Breed Rank	90	75	95	95	8	85	55	95	75	85	30	9	95	15	95	20
130	G278	HD 50K MVP	-0.9	0.7	3.4	1.2	17	8	51	59	0.21	-0.07	0.21	8	0.2	1.6	0.9	-0.16
		% Breed Rank	90	50	95	50	35	15	65	30	85	70	15	70	40	50	8	100
131	G280	HD 50K MVP	-0.8	0.6	3.2	1.1	25	7	63	85	-0.16	-0.14	0.13	19	-0.6	3.3	0.3	-0.22
		% Breed Rank	90	50	90	55	5	15	25	75	25	35	70	9	95	9	60	80
132	G283	HD 50K MVP	-1.3	-0.6	3.5	0.8	20	3	55	60	0.13	-0.08	0.16	13	-0.3	2.6	0.1	-0.25
		% Breed Rank	95	90	95	75	15	85	50	30	75	65	40	30	80	20	85	60
133	G285	HD 50K MVP	-0.7	-0.3	3.3	1.4	22	4	53	85	-0.1	-0.13	0.16	16	-0.4	1.3	0.5	-0.23
		% Breed Rank	90	80	95	35	9	65	55	75	35	40	40	15	85	65	35	75
134	G284	HD 50K MVP	-0.1	-0.1	2.3	1.1	16	3	58	61	-0.04	-0.1	0.16	12	0	2.5	0.6	-0.26
		% Breed Rank	70	75	45	55	45	85	40	35	45	55	40	35	60	20	25	55
135	G288	HD 50K MVP	-1.8	-0.1	3.7	0.8	26	8	64	82	0.26	-0.07	0.18	19	-0.8	2.6	0.4	-0.26
		% Breed Rank	100	75	95	75	4	15	20	65	90	70	25	9	95	20	45	55
136	G291	HD 50K MVP	-1.1	-0.4	4.1	1.2	24	6	70	99	0.07	-0.08	0.17	18	-0.8	1.6	0.1	-0.35
		% Breed Rank	95	85	100	50	6	25	8	90	65	65	30	15	95	50	85	7
137	G294	HD 50K MVP	0.2	1.7	2.4	2.2	16	4	61	65	-0.08	-0.12	0.14	13	-0.5	1.5	0.6	-0.22
		% Breed Rank	55	20	55	5	45	65	30	40	40	45	60	30	90	55	25	80
138	G298	HD 50K MVP	-1.5	0	3.6	1.3	22	5	59	98	-0.21	-0.13	0.11	17	-0.9	2.1	-0.1	-0.25
		% Breed Rank	95	70	95	40	9	45	40	90	15	40	85	15	95	30	95	60
139	G299	HD 50K MVP	-0.4	0.3	3.6	1.1	21	1	66	107	-0.19	-0.2	0.15	15	-0.6	2.4	0.4	-0.21
		% Breed Rank	85	60	95	55	15	100	15	95	20	15	50	20	95	25	45	85
140	G304	HD 50K MVP	-0.4	1.7	2.4	1	22	4	63	89	-0.02	-0.14	0.2	16	-0.4	2.8	0.3	-0.26
		% Breed Rank	85	20	55	65	9	65	25	80	50	35	15	15	85	15	60	55



HD50K for Angus Molecular Value Predictions



Sale Lot No.	Animal Ident		CE %	CEDtrs %	BW Kg	SS cm	WW Kg	Milk Kg	YW Kg	MCW Kg	DMI Kg/d	NFI Kg/d	FDG Kg/d	CWt Kg	Rib mm	EMA cm <sup>2</sup>	Marb %	Tend KgSF
141	G305	HD 50K MVP	-1.9	-1	4.1	0.5	24	5	60	98	-0.25	-0.14	0.12	17	-1.2	2	0.1	-0.25
		% Breed Rank	100	95	100	95	6	45	35	90	10	35	80	15	100	35	85	60
142	G310	HD 50K MVP	0.5	0.6	2.2	1.4	24	2	62	90	-0.43	-0.29	0.13	18	-0.9	3.1	0.2	-0.28
		% Breed Rank	35	50	35	35	6	95	25	80	2	2	70	15	95	10	75	40
143	G309	HD 50K MVP	0.3	-0.3	2.1	1.1	20	3	57	88	-0.14	-0.23	0.18	15	-0.5	2.9	0.1	-0.27
		% Breed Rank	45	80	30	55	15	85	45	80	30	7	25	20	90	15	85	45
144	G311	HD 50K MVP	-0.5	-0.9	2.7	0.7	18	2	52	84	0.07	-0.09	0.13	13	-0.7	2.3	0.4	-0.34
		% Breed Rank	85	95	75	85	25	95	60	70	65	60	70	30	95	25	45	9
145	G312	HD 50K MVP	-0.4	0.6	2.6	1.2	20	6	52	90	-0.06	-0.11	0.15	11	-0.4	1.4	0.5	-0.27
		% Breed Rank	85	50	70	50	15	25	60	80	40	50	50	45	85	60	35	45
146	G314	HD 50K MVP	-1.3	-1	3.5	0.3	22	5	64	89	0.23	-0.04	0.19	18	-1.2	2.8	0.1	-0.28
		% Breed Rank	95	95	95	100	9	45	20	80	90	85	20	15	100	15	85	40
147	G317	HD 50K MVP	-1.9	-1.2	3.7	0.4	22	6	52	85	0.12	-0.02	0.14	16	-0.2	2.8	0.1	-0.25
		% Breed Rank	100	95	95	95	9	25	60	75	75	90	60	15	75	15	85	60
148	G319	HD 50K MVP	-0.7	1	2.8	1.4	16	4	57	71	0.05	-0.1	0.18	11	-0.7	1.1	0.4	-0.23
		% Breed Rank	90	40	80	35	45	65	45	50	65	55	25	45	95	70	45	75
149	G320	HD 50K MVP	-0.7	-1.2	2.9	1	22	4	64	72	0.14	-0.17	0.21	17	-0.7	3.5	0.3	-0.18
		% Breed Rank	90	95	85	65	9	65	20	50	80	20	15	15	95	7	60	95
150	G326	HD 50K MVP	0.3	0.1	2.4	0.5	25	4	61	94	-0.05	-0.18	0.18	20	-0.8	3.8	0.1	-0.22
		% Breed Rank	45	70	55	95	5	65	30	85	45	20	25	8	95	5	85	80
151	G337	HD 50K MVP	-1	-0.9	3.7	1.4	23	4	64	95	-0.1	-0.18	0.15	14	-0.8	1.4	0.2	-0.26
		% Breed Rank	90	95	95	35	8	65	20	85	35	20	50	25	95	60	75	55
152	G372	HD 50K MVP	-0.6	-0.3	3.7	1.6	26	5	71	94	-0.09	-0.1	0.12	18	-0.9	2.2	0	-0.31
		% Breed Rank	85	80	95	25	4	45	7	85	35	55	80	15	95	30	90	20
153	G358	HD 50K MVP	-1.9	0	3.7	1.3	24	5	57	88	0.05	-0.11	0.2	14	-0.5	1.8	-0.1	-0.33
		% Breed Rank	100	70	95	40	6	45	45	80	65	50	15	25	90	40	95	15
154	G373	HD 50K MVP	-1.6	-0.4	3.9	1.5	25	7	70	90	0.12	0	0.14	17	-0.1	2.2	0.5	-0.3
		% Breed Rank	95	85	100	30	5	15	8	80	75	95	60	15	70	30	35	25