

ADULT EQUIVALENT (AE) TABLES: BOS TAURUS

AE Ratings represent energy requirements relative to the AE standard, which is a 450kg Bos taurus steer at maintenance

Growing steer

		Liveweight gain (kg/hd/day)						
		0.0	0.2	0.4	0.6	0.8	1.0	1.2
Liveweight (kg)	150	0.43	0.53	0.64	0.75	0.87	0.99	1.11
	200	0.52	0.64	0.77	0.90	1.03	1.17	1.31
	250	0.62	0.77	0.91	1.06	1.21	1.37	1.53
	300	0.72	0.89	1.05	1.22	1.39	1.56	1.74
	350	0.82	1.00	1.18	1.37	1.55	1.74	1.93
	400	0.91	1.11	1.30	1.50	1.70	1.90	2.10
	450	1.00	1.21	1.41	1.62	1.83	2.04	2.25
	500	1.09	1.30	1.52	1.73	1.95	2.16	2.38
	550	1.18	1.40	1.62	1.84	2.05	2.27	2.49
	600	1.27	1.49	1.71	1.93	2.15	2.38	2.60
650	1.36	1.58	1.80	2.02	2.24	2.46	2.69	

Annualised breeder

		Weaning rate						
		60%	65%	70%	75%	80%	85%	90%
Liveweight (kg)	350	1.18	1.21	1.24	1.27	1.31	1.34	1.37
	375	1.22	1.26	1.29	1.32	1.36	1.39	1.42
	400	1.27	1.30	1.34	1.37	1.40	1.44	1.47
	425	1.32	1.35	1.38	1.42	1.45	1.48	1.52
	450	1.37	1.40	1.43	1.47	1.50	1.53	1.57
	475	1.41	1.45	1.48	1.51	1.55	1.58	1.61
	500	1.46	1.49	1.53	1.56	1.59	1.63	1.66
	525	1.51	1.54	1.58	1.61	1.64	1.68	1.71
	550	1.56	1.59	1.62	1.66	1.69	1.72	1.76
	575	1.60	1.64	1.67	1.70	1.74	1.77	1.80
600	1.65	1.69	1.72	1.75	1.79	1.82	1.85	

Pregnant female

		Days pregnant						
		0*	45	90	135	180	225	270
Liveweight (kg)	350	0.77	0.78	0.79	0.81	0.86	0.99	1.30
	375	0.82	0.82	0.83	0.85	0.91	1.03	1.34
	400	0.87	0.87	0.88	0.90	0.95	1.08	1.39
	425	0.92	0.92	0.93	0.95	1.00	1.13	1.44
	450	0.96	0.97	0.98	1.00	1.05	1.18	1.49
	475	1.01	1.02	1.02	1.05	1.10	1.22	1.53
	500	1.06	1.06	1.07	1.09	1.15	1.27	1.58
	525	1.11	1.11	1.12	1.14	1.19	1.32	1.63
	550	1.16	1.16	1.17	1.19	1.24	1.37	1.68
	575	1.20	1.21	1.22	1.24	1.29	1.42	1.73
600	1.25	1.25	1.26	1.29	1.34	1.46	1.77	

*Dry empty females

Lactating female

		Days in milk						
		0	30	60	90	120	150	180
Liveweight (kg)	350	1.30	1.92	1.82	1.65	1.42	1.13	0.80
	375	1.34	1.96	1.86	1.70	1.47	1.18	0.84
	400	1.39	2.01	1.91	1.74	1.51	1.23	0.89
	425	1.44	2.06	1.96	1.79	1.56	1.28	0.94
	450	1.49	2.11	2.01	1.84	1.61	1.32	0.99
	475	1.53	2.16	2.05	1.89	1.66	1.37	1.03
	500	1.58	2.20	2.10	1.93	1.71	1.42	1.08
	525	1.63	2.25	2.15	1.98	1.75	1.47	1.13
	550	1.68	2.30	2.20	2.03	1.80	1.52	1.18
	575	1.73	2.35	2.25	2.08	1.85	1.56	1.23
600	1.77	2.40	2.29	2.13	1.90	1.61	1.27	
plus Calf	0.00	0.0	0.2	0.3	0.5	0.7	1.0	