

CROSSBRED CATTLE AE TABLES

Animal Equivalent (AE) Ratings represent energy demand relative to the standard AE animal (450kg Bos taurus steer with zero liveweight gain)

Growing Animals (any period)

Steers and Dry Empty Females

		Average Daily Gain (kg/hd/day)					
		0	0.2	0.4	0.6	0.8	1.0
Average Liveweight	150	0.43	0.53	0.64	0.75	0.86	0.98
	200	0.49	0.61	0.74	0.86	1.00	1.13
	250	0.59	0.73	0.87	1.02	1.17	1.32
	300	0.68	0.84	1.00	1.17	1.34	1.51
	350	0.76	0.95	1.13	1.31	1.50	1.69
	400	0.85	1.05	1.24	1.44	1.64	1.84
	450	0.94	1.14	1.35	1.56	1.76	1.97
	500	1.01	1.23	1.44	1.66	1.87	2.09
	550	1.09	1.31	1.53	1.75	1.96	2.18
	600	1.17	1.39	1.61	1.83	2.05	2.27
for bulls add		11%	7%	5%	3%	1%	0%

Breeding Females (annualised mob average)

Includes calf to weaning, assumes 12mth calving interval and zero LWG

		Weaning %						
		60%	65%	70%	75%	80%	85%	90%
Average Liveweight	350	1.11	1.14	1.17	1.20	1.23	1.26	1.29
	375	1.16	1.19	1.22	1.25	1.28	1.31	1.34
	400	1.20	1.23	1.26	1.29	1.32	1.35	1.38
	425	1.25	1.28	1.31	1.34	1.37	1.40	1.43
	450	1.29	1.32	1.35	1.38	1.41	1.44	1.47
	475	1.34	1.37	1.40	1.43	1.46	1.49	1.52
	500	1.38	1.41	1.44	1.47	1.50	1.54	1.57
	525	1.43	1.46	1.49	1.52	1.55	1.58	1.61
	550	1.47	1.51	1.54	1.57	1.60	1.63	1.66
	575	1.52	1.55	1.58	1.61	1.64	1.67	1.70
600	1.57	1.60	1.63	1.66	1.69	1.72	1.75	

Breeding Females (monthly individual average)

Includes calf to weaning, assumes 12mth calving interval and zero LWG

		Months from birth											Annual Average	
		-5	-4	-3	-2	-1	+1	+2	+3	+4	+5	+6		+7
Average Liveweight	350	0.77	0.80	0.86	0.97	1.17	1.78	1.85	1.86	1.84	1.79	1.72	0.75	1.34
	375	0.82	0.85	0.91	1.02	1.22	1.82	1.89	1.91	1.89	1.84	1.76	0.79	1.38
	400	0.86	0.89	0.95	1.06	1.26	1.87	1.94	1.95	1.93	1.88	1.81	0.84	1.43
	425	0.91	0.94	1.00	1.11	1.31	1.91	1.98	2.00	1.98	1.93	1.85	0.89	1.47
	450	0.95	0.99	1.05	1.16	1.35	1.96	2.03	2.04	2.02	1.97	1.90	0.93	1.52
	475	1.00	1.03	1.09	1.20	1.40	2.00	2.08	2.09	2.07	2.02	1.94	0.98	1.57
	500	1.04	1.08	1.14	1.25	1.44	2.05	2.12	2.13	2.11	2.06	1.99	1.02	1.61
	525	1.09	1.12	1.18	1.29	1.49	2.09	2.17	2.18	2.16	2.11	2.03	1.07	1.66
	550	1.13	1.17	1.23	1.34	1.54	2.14	2.21	2.22	2.20	2.15	2.08	1.11	1.70
	575	1.18	1.21	1.27	1.38	1.58	2.19	2.26	2.27	2.25	2.20	2.13	1.16	1.75
600	1.23	1.26	1.32	1.43	1.63	2.23	2.31	2.32	2.30	2.25	2.17	1.21	1.80	
		2nd trimester			3rd trimester			1st trimester				2nd trim		
		Lactating												