



## Milk for Koalas

 <p><b>WOMBAROO</b></p> <p>KOALA MILK REPLACER EARLY LACTATION</p> <p>✓ 100% NUTRIENT RICH ✓ 100% DIGESTIBLE ✓ 100% PALATABLE FOR JOEYS</p> <p>EASY TO USE</p>	<b>Koala Milk Replacer Early Lactation</b>	<b>Analysis</b>	
	<p>For joeys less than 160 days old. Furless to fine fur. Eyes closed to just open.</p> <p><b>Pack size: 180g, 900g.</b></p>	Solids	220g/litre
		Protein	22%
		Fat	35%
		Carbohydrate	30%
		Energy	5.0MJ/litre

 <p><b>WOMBAROO</b></p> <p>KOALA MILK REPLACER LATE LACTATION</p> <p>✓ 100% NUTRIENT RICH ✓ 100% DIGESTIBLE ✓ 100% PALATABLE FOR JOEYS</p> <p>EASY TO USE</p>	<b>Koala Milk Replacer Late Lactation</b>	<b>Analysis</b>	
	<p>For joeys older than 180 days until weaning. Emerging or fully-emerged with short to dense long fur. Teeth erupted and nibbling on leaves. Leaf represents an increasing part of the diet from 270 days.</p> <p><b>Pack size: 240g, 1.2kg, 5kg &amp; 10kg.</b></p>	Solids	320g/litre
		Protein	32%
		Fat	43%
		Carbohydrate	14%
		Energy	7.8MJ/litre

## Age Estimation

Age estimation of koalas is based on head length, from tip of nose to nuchal crest at rear of skull (best measured with vernier calipers). Regional and sex differences present considerable variation in koala body weight and growth rate. Presented here are two average growth charts, one for smaller animals (typical of northern or QLD animals), the other for larger animals (typical of southern or Victorian animals). If a particular animal does not fit one chart then it may fall between the charts, or outside either chart.

## Feed Guidelines

Select the correct Wombaroo formula for age and feed milk volume according to body weight. Weigh joeys regularly to monitor growth. Leaf should be offered from 6 months (180 days) of age. From about 10 months (300 days), if eating sufficient leaf and gaining weight, milk volume can be gradually reduced until fully weaned at 1 year of age. At this stage at least 10% body weight in leaves should be consumed per day.

## Koala (*Phascolarctos cinereus adustus*) – Smaller or Northern Animals

Milk	Age (days)	Head Length (mm)	Body Weight (g)	Feed Volume (mL/day)	Notes
Early Lactation	60	27	42	6	
	70	30	46	7	
	80	33	51	7	
	90	36	60	8	
	100	39	72	9	First Fur
	110	42	88	11	
	120	44	109	13	
	130	47	135	15	
	140	49	167	17	
	150	52	200	20	Eyes open, head appears out of pouch
Transition	165	55	250	22	17ml Early + 5ml Late
	170	56	266	22	11ml Early + 11ml Late
	175	57	283	22	5ml Early + 17ml Late
Late Lactation	180	59	300	22	Fully-furred, front teeth erupted. Nibbling leaves
	190	61	340	23	Should be receiving pap from a healthy adult animal
	200	65	390	25	
	210	68	450	28	Adult-type fur. Carried on mother's front
	220	71	530	32	
	230	73	610	35	
	240	75	700	40	
	250	77	820	44	Fully-emerged. Carried on mother's back
	260	79	950	49	
	270	82	1100	55	Milk volume now depends on amount of leaf eaten
	290	86	1450	70	100g of leaf per day
	310	90	1750	80	
330	93	2050	50	Start weaning, 200g of leaf per day	
350	97	2250	25		
370	100	2400	0	Fully weaned, 250g of leaf per day	

## Koala (*Phascolarctos cinereus victor*) – Larger or Southern Animals

Milk	Age (days)	Head Length (mm)	Body Weight (g)	Feed Volume (mL/day)	Notes
Early Lactation	60	28	45	6	
	70	31	50	7	
	80	35	60	8	
	90	37	70	9	
	100	40	100	12	First Fur
	110	43	130	14	
	120	46	160	17	
	130	48	190	19	
	140	51	220	21	
	150	54	250	23	Eyes open, head appears out of pouch
Transition	165	58	345	28	21ml Early + 7ml Late
	170	59	380	28	14ml Early + 14ml Late
	175	60	415	28	7ml Early + 21ml Late
Late Lactation	180	61	450	28	Fully-furred, front teeth erupted Nibbling leaves
	190	64	520	31	Should be receiving pap from a healthy adult animal
	200	67	600	35	
	210	70	700	40	Adult-type fur. Carried on mother's front.
	220	73	820	44	
	230	76	950	49	
	240	78	1100	55	
	250	80	1230	60	Fully-emerged. Carried on mother's back
	260	82	1360	64	
	270	84	1500	70	Milk volume now depends on amount of leaf eaten
	290	88	1900	83	150g of leaf per day
	310	93	2250	95	
	330	97	2600	60	Start weaning, 250g of leaf per day
350	101	2900	30		
370	104	3200	0	Fully weaned, 300g of leaf per day	