

Nutritional Requirements of a Ring Tailed Lemur

Nutrient	Concentration in Diet
Energy (kcal/kg body weight)	Not less than 100
Crude Protein %	Not less than 16.7
Fat %	-
Fibre % NDF	10-20
Linoleic Acid %	1
Vitamin A IU/g	14
Vitamin D IU/g	2.2
Vitamin E IU/g	56
Riboflavin mg/kg	5.6
Niacin mg/kg	55.6
Pyridoxine mg/kg	2.8
Folacin mg/kg	0.2
Vitamin B-12 mg/kg	0.6
Pantothenic Acid mg/kg	16.7
Thiamin mg/kg	5.6
Choline mg/kg	-
Biotin mg/kg	0.1
Vitamin C mg/kg	111
Calcium %	0.6
Phosphorous %	0.4
Magnesium %	0.2
Potassium %	0.9
Sodium %	0.3
Iron mg/kg	80-200
Zinc mg/kg	11.1
Copper mg/kg	1.5
Manganese mg/kg	1.4
Selenium mg/kg	1
Iodine mg/kg	2

In order for keepers to provide the nutritional requirements captive ring tailed lemurs need, they feed them a variety of food such as oranges, bananas, grapes, apples, sweet potatoes, turnips, potatoes, corn, kale, alfalfa, cabbage, lettuce, broccoli, cucumbers and green beans.

There is a variety of ways to provide food as enrichment for the ring-tailed lemur. These include scatter feed, hiding/disguising food and puzzle feed. By scattering food around the enclosure, hiding it or burying it in substrate and using a puzzle feeder, it provides the animal to use their natural foraging behaviours and/or mentally solving a puzzle.