

# NON - HUMAN PRIMATES

<b>Care and Feeding</b>						
<b>Breeding/Lactation</b>	<b>Number of Adults</b> 	<b>Number of Young</b> 	<b>Cage Dimensions*</b>		<b>Length</b>	<b>Width</b>
<b>Growing</b>			Varies according to animal size. Refer to ILAR guidelines (1985)			
<b>Experimental</b>	Varies with experiment					
<b>Feeding Recommendations</b>						
	<b>Daily Feed Usage</b>		<b>Water Requirement</b>		<b>Begin Dry Food Consumption</b>	
	Adult male Pregnant female	2-4% of body weight 2-4% of body weight	Ad libitum		20-30 days	
<b>Environmental Data</b>						
	<b>Room Temp.</b> 24 °C	<b>Humidity</b> 45-55%	<b>Light</b> 4-8 hrs/day	<b>Litter Material</b> Shavings, or shredded beet pulp		
<b>Biological Values</b>						
<b>Blood Chemical Composition</b>						
	<b>Water</b> —	<b>Calcium</b> —	<b>Sodium</b> 157 mEq/L	<b>Chloride</b> 110 mEq/L	<b>Phosphorus</b> —	<b>Potassium</b> 4.7 mEq/L
Values are for plasma, except where noted	<b>Magnesium</b> —	<b>Cholesterol</b> 118 mg/100ml	<b>Glucose</b> 148 mg/100ml	<b>Serum Protein</b> 8.0 gm/100ml	<b>Albumin</b> 4.4 gm/100ml	<b>Globulin</b> 2.8 gm/100ml
<b>Oxygen Consumption and Body Temperature</b>						
	<b>Observed Weight</b> 3600 gm	<b>Temperature</b> 38.8 °C	<b>Oxygen Consumption</b> —	<b>Breathing Rate</b> 40 /minute	<b>Heart Rate</b> 192 /minute	
<b>Hematological Values</b>						
	<b>Whole Blood Volume (T-1824 dye)</b> 75 ml/kg	<b>Clotting Time</b> 90 sec.	<b>RBC Life Span</b> 100 days	<b>RBC Diameter</b> 7.4 microns	<b>RBC Rate of Sedimentation</b> 3-12 mm/hr	
	<b>Blood pH</b> —	<b>RBC</b> 4.6-6.5 · 10 <sup>6</sup> /mm <sup>3</sup>	<b>Hematocrit</b> 42 ml/100ml	<b>Platelets</b> 155-424 · 10 <sup>3</sup> /mm <sup>3</sup>	<b>Hb</b> 12.5 gm/100ml	
<b>Total and Differential White Blood Cell Counts</b>						
	<b>Leucocytes</b> 15.0 · 10 <sup>3</sup> /mm <sup>3</sup>	<b>Neutros</b> 6.0 · 10 <sup>3</sup> /mm <sup>3</sup>	<b>Eosinos</b> 0.2 · 10 <sup>3</sup> /mm <sup>3</sup>	<b>Basos</b> 0.02 · 10 <sup>3</sup> /mm <sup>3</sup>	<b>Lymphos</b> 7.8 · 10 <sup>3</sup> /mm <sup>3</sup>	<b>Monos</b> 0.46 · 10 <sup>3</sup> /mm <sup>3</sup>
<b>Life Cycle Information</b>						
	<b>Weight Adult Male</b> 12 kg	<b>Weight Adult Female</b> 10 kg	<b>Weight at Birth</b> 500-700 gm	<b>Breeding Age Male</b> 6 years	<b>Breeding Age Female</b> 5 years	<b>Estrus Cycle</b> 28 days
	<b>Gestation</b> 150-180 days 165 day avg.	<b>Weaning Age</b> 3-6 months	<b>Offspring</b> 	<b>Rebreed After Parturition</b> After weaning previous offspring	<b>Breeding Life Male</b> 12-15 years	<b>Breeding Life Female</b> 12-15 years
	<b>Mating Data:</b> Pair or colony: 1 male, 10 females					

\* Refer to the "Guide for the Care and use of Laboratory Animals" — NIH Publication No. 85-23, Revised 1985.  
Prepared by the Institute of Laboratory Animal Resources, National Research Council, 2101 Constitution Avenue, N.W., Washington, DC 20418