

# R A B B I T S

<b>Care and Feeding</b>							
	<b>Number of Adults</b>	<b>Number of Young</b>	<b>Cage Dimensions*</b>		<b>Height</b>		
<b>Breeding/Lactation</b>	1 (2 when breeding)	6-8	<b>Length</b>	<b>Width</b>	45 cm	45 cm	
<b>Growing</b>	12		55 cm	50 cm		40 cm	
<b>Experimental</b>	1		75 cm	90 cm		45 cm	
<b>Nest Size</b>			45 cm	23 cm		18 cm	
<b>Feeding Recommendations</b>		<b>Daily Feed Usage</b>		<b>Water Requirement</b>		<b>Begin Dry Food Consumption</b>	
	Adult male	110-175 gm		Ad libitum		4-5 days	
	Pregnant female	175-225 gm					
<b>Environmental Data</b>		<b>Room Temp.</b>	<b>Humidity</b>	<b>Light</b>	<b>Litter Material</b>		
	20-25 °C	45-55%	12-14 hrs./day	Maintain on 1.25 x 2.5 cm. wire. Good straw, shavings or commercial bedding			
<b>Biological Values</b>							
<b>Blood Chemical Composition</b>		<b>Water</b>	<b>Calcium</b>	<b>Sodium</b>	<b>Chloride</b>	<b>Phosphorus</b>	<b>Potassium</b>
	93-95 gm/100ml	7.0 mEq/L	140 mEq/L	105 mEq/L	5.9 mg/100ml	5.5-6.0 mEq/L	
Values are for plasma, except where noted		<b>Magnesium</b>	<b>Cholesterol</b>	<b>Glucose</b>	<b>Serum Protein</b>	<b>Albumin</b>	<b>Globulin</b>
	3.2-5.4 mg/100ml	30-80 mg/100ml	145 mg/100ml	7.2 gm/100ml	4.6 gm/100ml	2.7 gm/100ml	
<b>Oxygen Consumption and Body Temperature</b>		<b>Observed Weight</b>	<b>Temperature</b>	<b>Oxygen Consumption</b>	<b>Breathing Rate</b>	<b>Heart Rate</b>	
	3700 gms	39.4 °C	—	51 /minute (38-60)	205 /minute (123-304)		
<b>Hematological Values</b>		<b>Whole Blood Volume (T-1824 dye)</b>	<b>Clotting Time</b>	<b>RBC Life Span</b>	<b>RBC Diameter</b>	<b>RBC Rate of Sedimentation</b>	
	60 ml/kg	60-360 sec.	45-70 days	7.0 microns	2 mm/hr		
	<b>Blood pH</b>	<b>RBC</b>	<b>Hematocrit</b>	<b>Platelets</b>	<b>Hb</b>		
	7.35	4.5-7.0 10 <sup>6</sup> /mm <sup>3</sup>	41.5 ml/100ml	170-1120 10 <sup>3</sup> /mm <sup>3</sup>	13.6 gm/100ml		
<b>Total and Differential White Blood Cell Counts</b>		<b>Leucocytes</b>	<b>Neutros</b>	<b>Eosinos</b>	<b>Basos</b>	<b>Lymphos</b>	<b>Monos</b>
	9.0 10 <sup>3</sup> /mm <sup>3</sup>	4.1 10 <sup>3</sup> /mm <sup>3</sup>	0.18 10 <sup>3</sup> /mm <sup>3</sup>	0.45 10 <sup>3</sup> /mm <sup>3</sup>	3.5 10 <sup>3</sup> /mm <sup>3</sup>	0.73 10 <sup>3</sup> /mm <sup>3</sup>	
<b>Life Cycle Information</b>							
	<b>Weight Adult Male</b>	<b>Weight Adult Female</b>	<b>Weight at Birth</b>	<b>Breeding Age Male</b>	<b>Breeding Age Female</b>	<b>Estrus Cycle</b>	
	4-5.5 kg	4.5-6.5 kg	100 gms	6-7 months 4 kg	5-6 months 4-5 kg	Polyestrus	
	<b>Gestation</b>	<b>Weaning Age</b>	<b>Litter Size</b>	<b>Rebreed After Parturition</b>	<b>Breeding Life Male</b>	<b>Breeding Life Female</b>	
	30-32 days 31 days avg.	8 weeks 1.8 kg	1-8 8 avg.	14-28 days	1-3 years	1-3 years	
	<b>Mating Data:</b>		1 male, 6-10 females, pair-mate usually in buck's cage				

\* Refer to the "Guide for the Care and use of Laboratory Animals" — NIH Publication No. 85-23, Revised 1985.  
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