

Mineral Requirements of Sheep

Macromineral Requirements (Percentage of diet dry matter)	
<u>Nutrient</u>	<u>Requirement</u>
Sodium	0.09-0.18
Chlorine	–
Calcium	0.20-0.82
Phosphorus	0.16-0.38
Magnesium	0.12-0.18
Potassium	0.50-0.80
Sulfur	0.14-0.26

Micromineral Requirement and Maximum Tolerable Levels (ppm, mg/kg of diet dry matter) ^a		
<u>Nutrient</u>	<u>Requirement</u>	<u>Maximum Tolerable Level</u>
Iodine	0.10-0.80 ^a	50
Iron	30-50	500
Copper	7-11 ^b	25 ^c
Molybdenum	0.5	10 ^c
Cobalt	0.1-0.2	10
Manganese	20-40	1,000
Zinc	20-33	750
Selenium	0.1-0.2	2
Fluorine	–	60-150
^a High level for pregnancy and lactation in diets not containing goitrogens; should be increased if diets contain goitrogens.		
^b Requirement when dietary Mo concentrations are <1 mg/kg DM. See text for requirements under other circumstances.		
^c Lower levels may be toxic under some circumstances. See text.		

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