



# **Livestock Farming**

## **Handout 6**

# **Mineral Requirements And Maximum Tolerable Levels Of Minerals For Beef Cattle**

Mineral requirements and maximum tolerable levels of minerals for beef cattle.

		Mean			Range			Maximum tolerable level	
Calcium	%	Table	3	&	4	0.18	to	0.53	2
Magnesium	%	0.10				0.05	to	0.25	0.40
Phosphorus	%	Table	3	&	4	0.18	to	0.37	1
Potassium	%	0.65				0.5	to	0.7	3
Sodium	%	0.08				0.06	to	0.10	10
Sulphur %		0.10				0.08 to 0.15			0.4
Cobalt	mg/kg	0.10				0.07	to	0.11	5
Copper	mg/kg	8				4	to	10	115
Iodine	mg/kg	0.5				0.20	to	2.0	50
Iron	mg/kg	50				50	to	100	1000
Manganese	mg/kg	40				20	to	40	1000
Selenium	mg/kg	0.1				0.05	to	0.30	2
Zinc mg/kg		30				20 to 40			500