



CRC

for

Premium

Quality

Wool

Mineral Nutrition Problems in Grazing Sheep

Produced for the CRC for Premium Quality Wool undergraduate program by;
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The essential minerals for animals

Macrominerals

Calcium

Chlorine

Phosphorus

Magnesium

Potassium

Sodium

Sulfur

Microminerals

Cobalt

Copper

Iron

Iodine

Manganese

Selenium

Zinc

Molybdenum

Chromium

Silicon

Nickel

Arsenic

Vanadium

Boron

Lithium

Lead

Fluorine

Cadmium

Tin

CRC

for

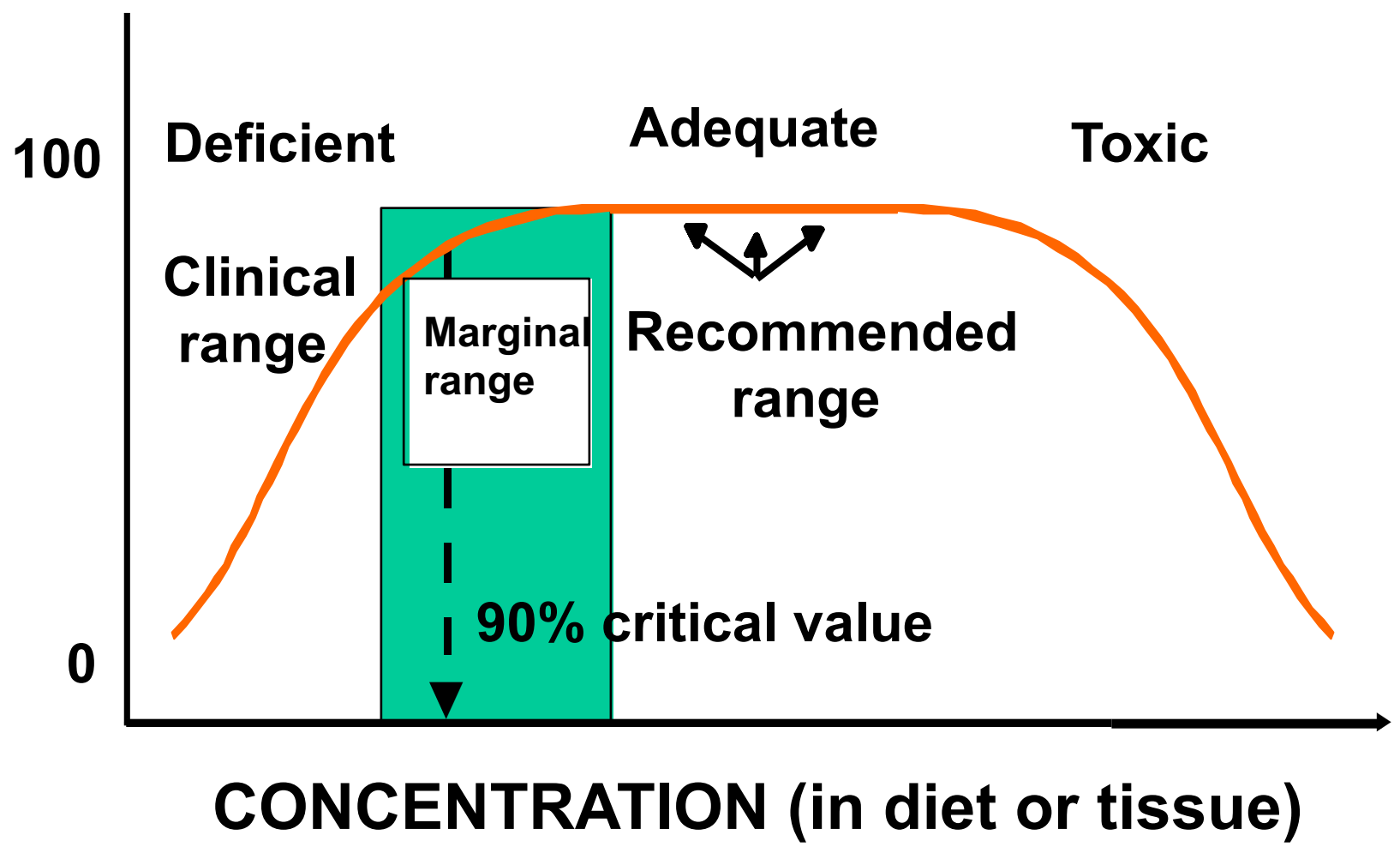
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RESPONSE



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Minerals in wool

<u>Mineral</u>	<u>Wool</u>	<u>Skin</u>
(g/kg)		
Sodium	0.5	0.8
Potassium	1.0	2.9
Magnesium	0.34	0.06
Calcium	1.5	0.1
Phosphorus	0.2	0.3
Sulfur	35	0.6
(mg/kg)		
Zinc	279	12
Iron	24	30
Copper	7	1
Manganese	3	1

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Minerals and wool production

Mineral deficiencies that affect wool growth

Se, Co, Cu, Zn, S, P and probably most other severe deficiencies

Mineral deficiencies that affect fibre structure

Zn, Cu, I?, S?, Co?

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