Salt (Sodium Chloride)

Salt is a common ingredient found in stock feeds and supplements. Sodium is the major cation and chlorine is the major anion. Sodium and Chlorine are both involved in maintaining osmotic pressure, and controlling water balance. Sodium functions in muscle contractions, nerve impulse transmission, glucose and amino acid transport. Chlorine is for the formation of hydrochloric acid in gastric juice and the activation of amylase. Requirements for Sodium are clearly defined, whereas Choline levels are not. Salt is the most common form of Sodium, as Sodium Chloride. Bi Carbonated Soda is also used in stock feeds and supplements as a source of Sodium. Both forms are highly available. Most species have a need for Sodium but the level of intake and requirement varies considerably. A nutritionist should be consulted when preparing supplements or total mixed rations, particularly for Poultry and Pigs.

The sodium level of forages varies considerably. As do most plant based products.

A deficiency in sodium is rather non specific, included are, Pica (depraved appetite) reduced feed intake, reduced growth, and reduced milk production in the lactating female. Most grazing livestock can handle high quantities of salt, providing adequate fresh water is always available.

High levels of salt in water can cause reduced weight gain, weight loss, lower water intake and collapse.

Always consult a nutritionist prior to supplementing salt to any livestock.

Typical Analysis

Salt

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<tbody>
<tr>
<td>Sodium</td>
<td>40%</td>
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<tr>
<td>Chlorine</td>
<td>60%</td>
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Inclusion rates for sheep and cattle feedlot diets are; 0.5-1% or 5-10 kg per tonne of feed.

Levels for all other livestock supplements are non specific.

Input levels for Pigs and Poultry should only be recommended by a nutritionist.

Packaging

25 kg poly laminated Bags
1 tonne Bulka Bags for custom blended supplements

For further technical information call Ross Waller
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For further information on this or any other Compass Feeds product call 08 85568332 or contact us through www.compassfeeds.com.au