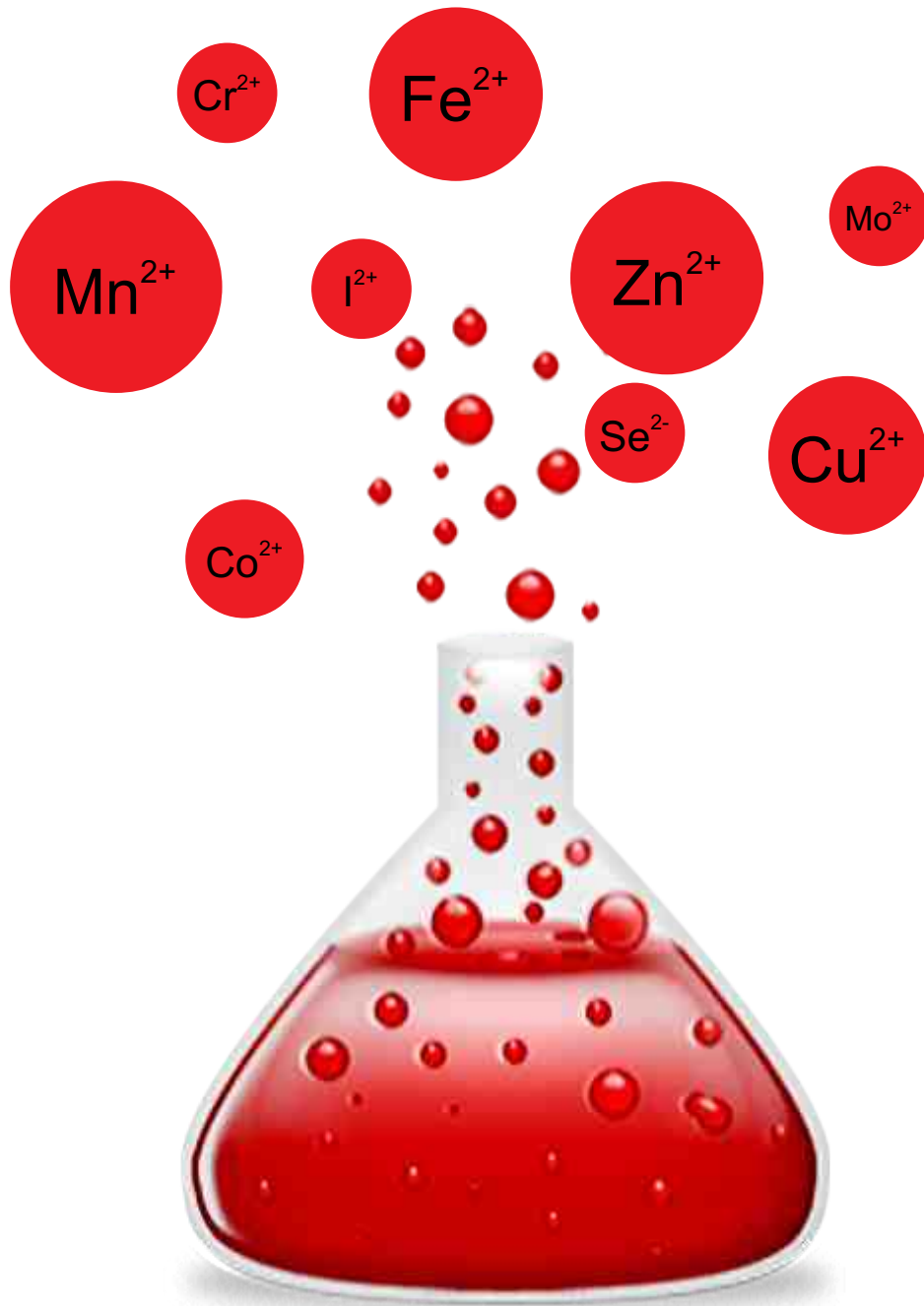


# Roomin NC

A Unique Organic Animal Feed Supplement.



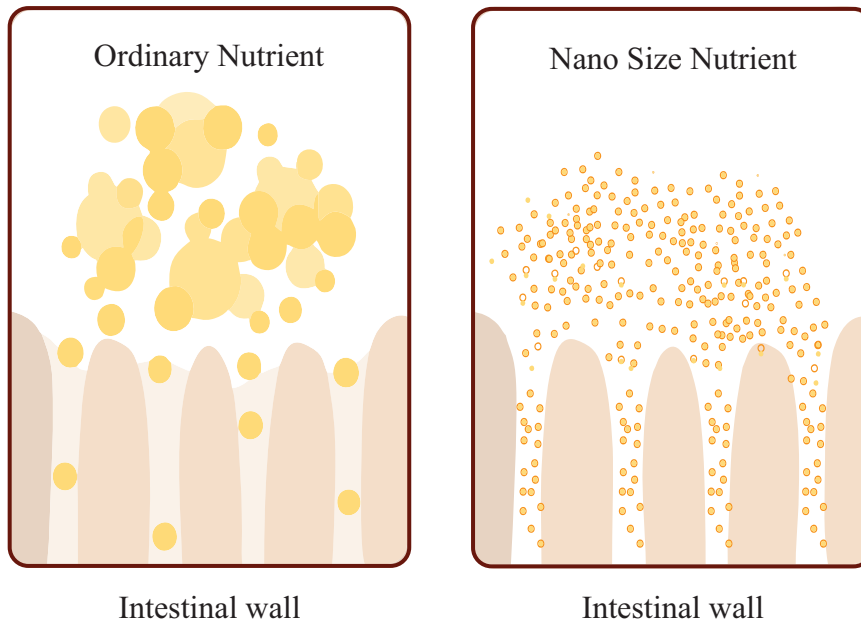
Roots®

## Roomin NC a Blend of Technologies:

- Nano sized ionized particles of Trace Minerals.
- Colloidal solution.
- Nano sized particles of Trace Minerals embedded in the matrices of amino acids.
- Encapsulation with FDA approved biopolymer.

### Advantages of our Nano<sup>★</sup> metre Particle Size products

**Surface Area – Smaller is Bigger - As the particle size reduces the surface area increases - Absorption increases.**



★Nano means very very small. One Nano metre is one billionth of a metre, i.e.  $10^{-9}$  m

**Roomin NC ensures near 100% bioavailability of the trace minerals which are embedded in amino acids. Roomin NC ensures better health and improved performance.**

**Contents:** Each Litre contains NMPS :

<b>Minerals</b>	<b>gm/L</b>
Copper	07.53
Zinc	17.50
Iron	12.95
Cobalt	00.10
Iodine	00.20
Manganese	17.46
Chromium	00.05
Selenium	00.06
Molybdenum	00.05

### Product Highlights:

100% Pure elemental organic minerals.  
Minerals in Ionized form.

Encapsulation prevents any interaction with other metals or minerals.

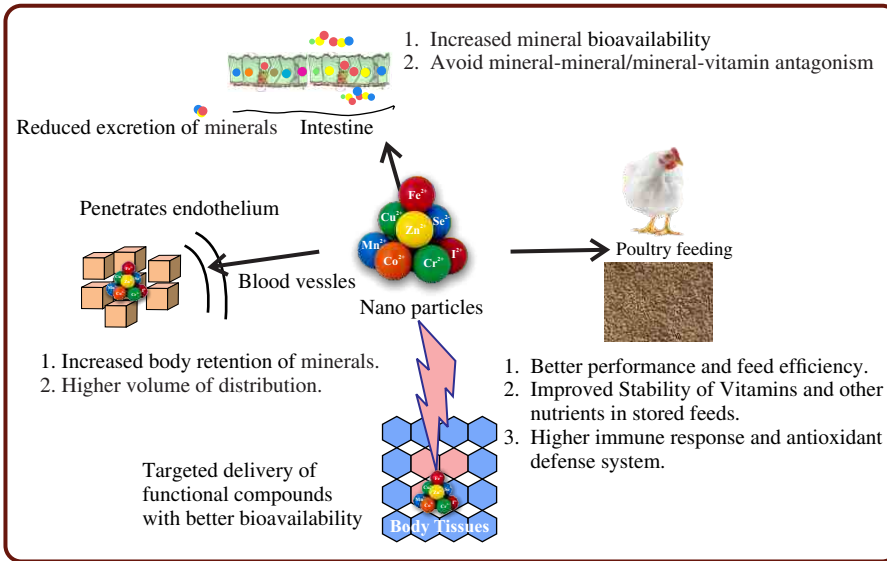
Encapsulation also prevents any interaction with any other antinutrients like phytate and oxalate molecules.

Amino acid provides ligands for active absorption.

Trace minerals are micronutrients and play a vital role in various metabolic, enzymatic and biochemical reactions, leading to better growth rate, egg production and feed efficiency.

Trace minerals are absorbed in the intestine in ionic forms.

## The Bio availability of Nano Minerals is higher than any other conventional mineral source.



The particle size of less than 300 nm can reach the bloodstream, while those that are smaller than 100 nm are absorbed into various tissues and organs. (Hett, 2004)

### Benefits :

- Improves Mineral absorption in the GI tract.
- Improves growth and performance.
- Boosts immunity to diseases.
- Reduces stress and fulfills nutritional deficiencies.
- Improves feathering.
- Reduces intestinal mineral antagonism.

### Usage:

200ml - 300ml per Metric Tonne of feed

(Mix small quantities of Roomin NC with any ingredient before adding to the main mixture, i.e. need to make a premix before mixing in feed.)

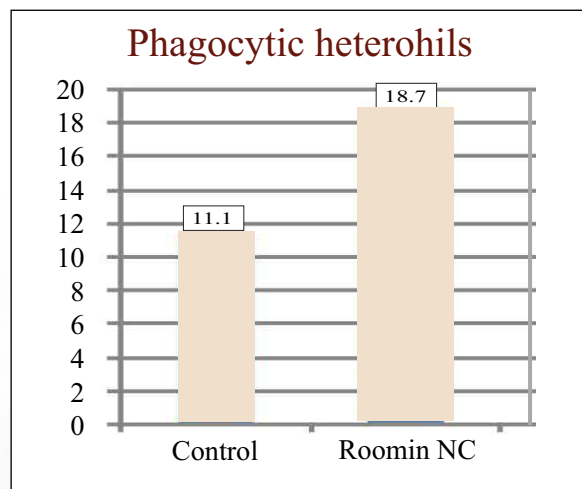
(200ml of Roomin NC will replace approximately 1 kg of organic trace minerals per MT of feed)

### Specific Benefits:

Layer	Broiler	Breeder
Improves Egg Quality and Production	Increases Body Weight	Improves hatchability
Improves Egg shell Quality	Improves Meat Quality	Improves Egg shell Quality
Increases the shelf life of Eggs	Prevent leg weakness, helps in building stronger and longer tibial bone	Increases number of chicks per hen

### In Vitro Studies:

100% replacement of Trace Minerals with Nano Products in Commercial Broilers.

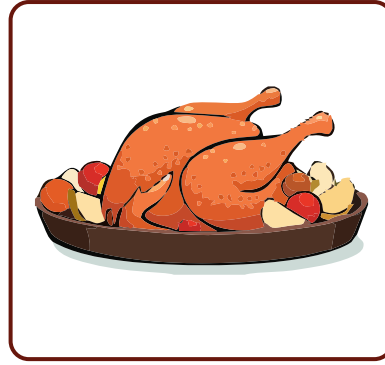


Store in cool, dry & dark place.  
Not for Human use.  
Not for Medicinal use – for use in Animals only.

For Growth, Maintenance, Productivity and Performance.  
Feed Supplement for Prophylactic use in Animals only.  
Shake well before use.



**Optimizing Health**



**Positive Impact on  
Meat Quality**



**Better hatchability and  
viability**



**Better egg shell  
integrity**



**Assured Performance**



Marketed By :

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