

BioMin™

Organic Trace Minerals



To achieve optimum performance, to maintain the flock healthy and productive, attention needs to be paid to trace mineral intake of the birds. Trace minerals are involved in many vital functions in the body such as metabolism, growth, reproduction, bone, feather development, egg shell quality & immunity. They also help activate enzymes and hormones that regulate various biochemical processes. Lack of trace mineral supplementation results in poor growth performance, reduced appetite, reproductive problems and eggshell quality issues.

With advancement of precision nutrition, usage of organic trace minerals is getting well accepted by poultry producers around the world. Compared to traditional trace minerals, new generation organic trace minerals are added at much lower rate, they have higher bioavailability and has reduced excretion of minerals in the feces.

What are BioMin™ organic trace minerals?

- BioMin™ is high quality organic trace mineral premix for poultry from dsm-firmenich
- BioMin™ improves animal performance in sustainable manner
- BioMin™ is required in lower dosage, have higher bioavailability
- BioMin™ has reduced excretion in feces lowering the environmental impact
- BioMin™ organic trace minerals support animal growth and development
- BioMin™ mainly work as catalyst in enzymes & hormones system
- BioMin™ improves growth, bone development, feathering, appetite

Traditional mineral supplementation such as sulfates and oxides supplementation, have many drawbacks

- They are poorly absorbed by the animals, leading to low efficiency and high wastage
- They may contain heavy metals that are toxic to the animals and the environment
- They may interfere with other feed additives, reducing their effectiveness or causing adverse reactions

Benefits

- Improved bioavailability of minerals
- Helps to improve lifetime performance
- Better welfare management
- Improved bone health & meat quality
- Trace minerals such as zinc, manganese and copper strengthen the eggshell ultrastructure and eggshell quality
- Contrary to sulphates, less gut irritation

Advantages

- Better food safety
- Less environmental pollution
- Better formation of collagen in the eggshell membrane, formation of mucopolysaccharides and mamillary buttons resulting in increased eggshell strength and reduction in egg loss
- Superior antioxidant protection, enhanced immunity, reproduction & performance

Features

- Mineral raw materials selected with low impurity content
- Excellent stability, no caking issues
- Excellent flowability leading to high mixing uniformity in the feed
- Superior handling properties for the premix and feed industries
- Superior mixability, ease of use in premix plant and feed mill

Inclusion

- Broilers: 0.5 kg per ton of feed
- Layers: 0.5 kg per ton of feed
- Breeders: 1 kg per ton of feed

For more information contact our representatives:

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