

Vitomix

Biotin 2%

Composition:

Each 1 gm contains:
Biotin (Vitamin H)..... 20mg
Carrier Q.S

Vitomix is a free flowing Biotin powder for animal premix and feed use. Biotin acts as a coenzyme in the production of carboxylase which is essential in transferring CO₂ from one compound to another.

Biotin (Vitamin H), is an essential nutrient for all animals. It is present in many foods and feedstuffs and produced naturally by rumen microbes.

Biotin is critical for a diverse array of metabolic pathways. Of special importance are: Keratin and lipid synthesis - important for horn production, horn quality and strength. Glucose synthesis - the main energy source for milk production.

It also functions in the synthesis of fatty acids (Acetyl CoA-carboxylase), gluconeogenesis (pyruvate carboxylase), propionic acid metabolism (propionyl CoA-carboxylase, carbohydrate metabolism and synthesis of proteins and purines.

Benefits:

- * Supplementation of Biotin in trials has shown an increased milk production and improved hoof health, suggesting that the naturally available biotin may not meet demand in high yielding dairy cows.
- * Consequently, many leading dairy nutritionists, advisors and vets are now recommending Biotin supplementation for dairy cows.
- * Biotin, a B group vitamin, is an essential nutrient for all animals. It is present in many foods and feed stuffs and produced naturally by rumen microbes.
- * Biotin is critical for a diverse array of metabolic pathways. Of special importance are: Keratin and lipid synthesis-important for horn production, horn quality and strength. Glucose synthesis - the main energy source for milk production

Feeding Recommendation

* Type of Cattle	* Target amount of VitoMix Biotin 2% gram/head/day	* Supplementation Programme
Heifers	0.5	During rearing phase and at least 3 months prior to calving for optimum horn quality Dry/Transition
Cows & Buffalos	0.5	During dry period and around calving due to disruption in horn growth
Lactating cows & Buffalos	1	Throughout first 3 months lactation

Presentation:

1KG

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