

DAIFOMIN[®] ORG

Trace minerals, a vital micronutrients, play an important role in various metabolic, enzymatic and biochemical reactions, resulting in better growth, weight gain, improved egg production and maximum feed efficiency.

Vital Activities of Trace Minerals are as Follows

Trace Mineral	Role of Trace Mineral	Trace Mineral	Role of Trace Mineral
Chelated Zinc	Essential component of enzyme systems, major role in immunomodulation, synthesis of reproductive hormones.	Chelated Iron	Essential component of bones, activation of various enzyme systems and indispensable part of haemoglobin.
Chelated Manganese	Vital role in metabolism of carbohydrates, fats, proteins and nucleic acid. Important role in collagen formation, bone growth, egg shell formation and immunomodulation.	Selenium	Important antioxidant and prevents peroxidation.
Chelated Copper	Essential component of enzyme system and vital role in maturation of erythrocytes.	Iodine	Synthesis of thyroid hormone, Thyroxin, which controls the rate of metabolism.
Cobalt	Responsible for vitamin B12 synthesis, activation of enzymes, erythropoiesis, synthesis of pyrimidine.	Chromium	Activation of certain enzymes, stabilisation of protein and nucleic acid, sensitising cells to insulin action leading to enhanced transportation of glucose.

Required quantity of trace minerals by birds is usually present in feed ingredients. Different soil in different region varies in their content of trace minerals and also plant varies in their potential to uptake minerals from soil. Hence feedstuff grown in certain areas may be deficient in certain elements. Thus it becomes essential to supplement poultry feed with trace minerals to ensure adequate intake.

SEA WEED EXTRACT

Apart from trace minerals, Daifomin TM contains sea weed extract which is 100% natural organic product containing micro and macro nutrients in naturally chelated form. Sea weed extract also contains oceanic bio active matter such as Phycocolloid, Mannitol, Oligose, Poly- phenol, Trehalase, Cytokinin, Betaine, Lignin etc which plays important role in growth, vigor and resistance to pathogens.