



HORUS
INTERNATIONAL
PVT LTD

DRIVEN WITH VISION



Vitamin Premix for Broilers

VitaMix BRO

Power Every Peck

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VitaMix BRO is a scientifically formulated multi-vitamin supplement designed to optimize the nutritional status of broiler chickens. It provides a balanced combination of essential vitamins that play a critical role in metabolism, immune function, and overall performance. In modern poultry production, birds face multiple stressors, including high-density rearing, rapid growth demands, and environmental fluctuations, which increase their vitamin requirements. VitaMix BRO ensures optimal vitamin intake, compensating for the limited biosynthesis capabilities of gut microbiota in poultry.

Composition (Per Kg) :

Vitamin A	50 MIU
Vitamin D ₃	14 MIU
Vitamin E	120 gm
Vitamin K ₃	8 gm
Vitamin B ₁	10 gm
Vitamin B ₂	24 gm
Vitamin B ₆	16 gm
Vitamin B ₁₂	80 MCG
Niacin	120 gm
Calcium Pantothenate	80 gm
Folic Acid	8 gm
Biotin	32 MG
Organic Nutrient Carrier	QS

Mechanism of Action (MOA):

1. Enzymatic Co-Factor Activation

Essential vitamins in VitaMix BRO serve as enzymatic co-factors, facilitating critical biochemical reactions in energy metabolism, protein synthesis, and fatty acid oxidation.

2. Antioxidant Protection & Cellular Defence

Vitamin E & Vitamin C: Act as potent antioxidants, neutralizing free radicals, reducing oxidative stress, and protecting cellular integrity.

Vitamin A & Beta-Carotene: Strengthen mucosal immunity by enhancing epithelial barrier function and cellular defence mechanisms.

3. Nervous System & Neurotransmission Support
B-Complex Vitamins (B1, B2, B6, B12, Niacin, Pantothenic Acid): Play a key role in nerve signal transmission, reducing stress-related neurogenic responses in poultry.

4. Bone Mineralization & Skeletal Integrity

Vitamin D3: Enhances calcium and phosphorus absorption, promoting optimal bone development and reducing the incidence of skeletal deformities.

5. Immune Modulation & Disease Resistance

Vitamin A & Vitamin K: Support the immune response by enhancing white blood cell production, promoting clotting mechanisms, and improving gut-associated lymphoid tissue (GALT) functionality.

Key Benefits:

- **Enhances Growth & Metabolism:** Supports enzymatic functions essential for energy production, protein synthesis, and efficient feed conversion.
- **Strengthens Immunity:** Boosts disease resistance by supporting antibody production and cellular immune responses.
- **Optimizes Bone & Tissue Development:** Promotes proper skeletal growth and muscle formation, reducing the risk of leg disorders.
- **Improves Feathering & Skin Integrity:** Essential for keratin synthesis, ensuring optimal plumage quality and skin health.
- **Supports Liver & Gut Function:** Reduces oxidative stress, enhances nutrient absorption, and supports hepatic function.
- **Enhances Stress Resistance:** Mitigates the impact of environmental, nutritional, and physiological stressors.

Dosage:

250 grams per ton of feed or as per veterinary recommendation.

Presentation:

Available in 25 kg Bag

