

Vitamin A & Amino Acids Enriched Premix for the Dairy & Beef Cattle

COMPOSITION

Each kg contains Vitamin A 6000000 IU, Vitamin D3 20000 IU, Vitamin E 750 mg, Vitamin B5 500 mg, Vitamin B6 10 mg, Vitamin B1 150 mg, Vitamin B12 1 mg, Vitamin B2 200 mg, Vitamin PP 1250 mg, Vitamin K3 350 mg, Choline Chloride 25000 mg, Iodine 200 mg, Copper 500 mg, Manganese 12500 mg, Zinc 1000 mg, Iron 2000 mg, Phosphorus 54 g, Calcium 300 g, Sodium 3 g, Magnesium 0.153 g, L-Lysine 2.5 g, DL-Methionine 10 g, Gentian 5g.

MODE OF ACTION

1. Vitamin A is used for better growth & disease prevention.
2. Vitamin D3 is used for precise absorption of calcium & phosphorus.
3. Vitamin E is used as antioxidant & to avoid sterility problem.
4. Vitamin B5 Moisturize skin, promotes wound healing
5. Vitamin B6 proper metabolism of amino acids, metabolism of essential fatty acids, incorporation of iron in hemoglobin synthesis, Inflammation-higher vitamin B6 levels were linked to protection against inflammation
6. Vitamin B1 Carbohydrate Metabolism, involved in glucose metabolism, essential for normal growth & development
7. Vitamin B2 Metabolism of carbohydrate, amino acids and fat, maintaining a healthy liver, Keeping the eyes, nerves, muscles and skin healthy
8. Vitamin B12 Nucleic acid synthesis, Carbohydrate and fat metabolism, promote red blood cell synthesis
9. Vitamin PP Helps build cells in the skin while also protecting them from environmental stresses, such as sunlight, pollution, and toxins, reduce ketosis and increase milk protein percent
10. Vitamin K3 Helps in blood clotting and coagulation
11. Choline Chloride prevent from condition known as fatty liver
12. Iodine e is a precursor for synthesis of thyroid hormones. Newborn dies due to the deficiency of iodine
13. Copper maintains normal color of skin, fur and hair, acts as catalyst for various enzymatic reactions during R.B.C. synthesis
14. Manganese helps in reproduction process & formation of bones
15. Zinc activates many essential enzymes, eliminates parakeratosis disease and prevents hair loss
16. Iron helps synthesis of R.B.C. & many enzymes, ferritin (Iron containing protein)
17. Phosphorus plays major roles in the formation of DNA and cell membranes
18. Calcium increases milk production and reduce osteoporosis
19. Sodium helps to balance levels of fluids and electrolytes in the body
20. Magnesium is an important component of bone, acts as a catalyst for various enzymes and controls neuromuscular stimulation.
21. L-Lysine helps the body absorb calcium and reduces the amount of calcium that is lost in urine.
22. DL-Methionine detoxify harmful substances in the body.
23. Gentian used for digestion problems such as loss of appetite, bloating, diarrhea, and heartburn.

INDICATION

- Fulfill the deficiency of necessary vitamins & minerals
- Ensure rapid growth
- Increase milk production
- Helps to increase fertility
- Cure anemia and malnutrition after deworming
- Prevent anorexia, fatty liver, ketosis, laminitis & hypocalcemia

DOSAGES & ADMINISTRATION

Animal	Dose
Cattle and Buffalo	10-20 gram daily (5-10 days)
Calve	2.5-5 gram daily (5-10 days)
Goat and Sheep	5-10 gram daily (5-10) days

STORAGE

Store below 30 ° C, Keep away from light. Keep out of reach of Children.

PACK SIZE

1 kg Bucket