

# FORTIGARD+

# A Palatable Blend of Vitamins, Minerals & Amino Acids

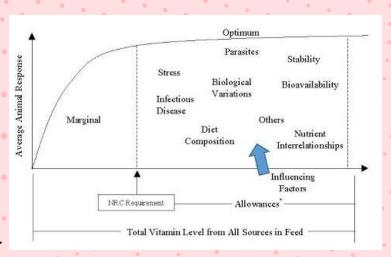
FORTIGARD + is a unique product designed with the combination of multiple vitamins, micro minerals and amino acids which emphasizes the importance and effectiveness in the animal health, maintenance and productivity. The presence of all the key ingredients helps to improve and regulate the bodily functions with higher degree of stability and sustainability. This perfect blend exhibits a different role in the systemic functions and ensures to meet out the nutrient requirement for all the stages in dairy cows and small ruminants.

#### Water soluble vitamins

The predominant function of the B-vitamins is to act as co-factors for enzymes that are involved in amino acid, energy, fatty acid, and nucleic acid metabolism. Many of these enzymes are involved directly in the production of milk and milk components.

#### Fat soluble vitamins

Vitamins A, E, D, and K are fat soluble vitamins that are necessary for many functions within the animal. Vitamins A and E have specific dietary requirements, whereas vitamin K can be synthesized in the rumen and vitamin D can be synthesized by the skin when exposed to adequate sunlight.



Factors influencing Vitamin requirement ▶

# Each 10 ml consists of:

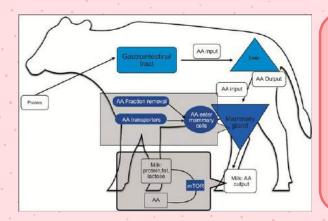
Vitamin A 5000 IU, Vitamin D3 1000 IU, Vitamin E 15 mg, Vitamin C 25 mg, Vitamin K 2.5 mg, Vitamin B1 2 mg, Vitamin B2 1.25 mg, Niacinamide 20 mg, Vitamin B5 1.26 mg, Vitamin B6 0.64 mg, Vitamin B12 7 mcg, Folic Acid 1.25 mg, Biotin 50 mcg, L-Lysine 175 mg, DL Methionine 100 mg, Inositol 10 mg Choline Chloride 400 mg, Cobalt 0.20 mg, Copper 7 mg, Iron 30 mg, Iodine 0.70 mg, Manganese 20 mg, Chromium 0.50 mg, Selenium 0.125 mg, Zinc 20 mg, Calcium Propionate 200 mg, MSM 100 mg

**Vitamin** A activity can be provided to ruminants in the form of provitamin A precursors known as the carotenoids (i.e.  $\beta$ -carotene) and in preformed.

**Vitamin D** is considered a pro-hormone, as it is a necessary precursor for the production of the calcium regulating hormone 1, 25-dihydroxyvitamin D.

Vitamin E is a generalized term for compounds called tocopherols and tocotrienols. The most common form of vitamin E found within feed is  $\alpha$ -tocopherol. Additional vitamin E during the dry period has been shown to increase colostrum vitamin E levels, thus, providing an additional benefit on calf health.

#### **Role of Amino Acids**



# FORTIGARD+ is a perfect solution for

- Improved health & Production
- To meet the additional nutrient requirements in pregnant & lactating animals



## Health benefits of FORTIGARD +

- Improves body metabolic functions
- Enhances protein synthesis
- Helps to protect the liver by improving detoxification process
- Improves milk quality & milk production in lactating animals
- Supportive for the maintenance of hoof health & wool growth
- Boost the immune function & increases disease resistance
- Reduces incidence of mastitis & mammary gland infections
- Improves productive & reproductive performances



## Free From Hormones & Antibiotics

**Animal Feed Supplement** 

Not For Medicinal use

Not For Human Use

# Recommended usage: Orally

Cow, Buffalo, Camel: 20ml / day

Goat, Sheep: 10ml/day once daily or Mix with RUMICALSYN for optimize Milk productivity

Presentation: 100ml, 500 ml & 1000 ml Poly Can

# Catalyst LifeSciences Pvt. Ltd.

An ISO 9001:2015, ISO 14001:2015, HACCP Compliance Certified Company

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