

MILKGAIN - DOT

Chelated Mineral & Herbal Enzyme Complex Liquid Supplement for Cattle

Description

A comprehensive liquid mineral and herbal enzyme complex formulated for cattle to support optimal metabolic functions, bone health, immune modulation, and overall vitality. This supplement combines bioavailable chelated minerals with potent herbal extracts known for their adaptogenic and immunomodulatory properties, along with enzyme complexes to enhance digestion and nutrient assimilation.

The chelated form of minerals ensures superior absorption and bioavailability, while the herbal components contribute to stress relief, antioxidant defence, and improved digestive health.

Composition

- **Calcium (Chelated):** 25 gm
- **Phosphorus (Chelated):** 12.5 gm
- **Vitamin D3 (Chelated):** 100,000 International Units (IU)
- **Magnesium (Chelated):** 2,000 mg
- **Enzyme Complex:** 10 gm
- **Iron (Chelated):** 200 mg
- **Acorus calamus:** 8,000 mg
- **Laptadenia reticulata:** 12,000 mg
- **Asparagus racemosus:** 10,000 mg
- **Ashwagandha:** 5,000 mg
- **Brahmi:** 5,000 mg
- **Base:** Quantity sufficient (q.s.) to formulation volume

Excipients

Pharmaceutical-grade stabilizers, preservatives, and solvents compatible with liquid veterinary formulations ensuring product stability and shelf life.

Category

Veterinary Mineral and Herbal Supplement – **Cattle**

Pack Size

- 1 litre can
- 2 litre can
- 5 litre can
- 10 litre can
- 20 litre bucket
- 20 litre can

Specification

- **Appearance:** Clear to slightly opaque liquid with characteristic herbal aroma
- **pH:** 6.5 – 7.5 (Neutral)
- **Mineral Content:** Confirmed chelated calcium, phosphorus, magnesium, and iron concentrations as per label claims
- **Vitamin D3 Activity:** 100,000 IU per litre (or proportional per pack size)
- **Enzyme Activity:** Stable enzyme complex with protease, amylase, and lipase activity measured in units
- **Herbal Extracts:** Standardized to active constituents per batch
- **Shelf Life:** 24 months from date of manufacture
- **Storage:** Stable under recommended storage conditions

Indications

- Supports bone and skeletal development in growing and lactating cattle
- Enhances mineral absorption and metabolic enzyme activity
- Boosts immune function and stress resistance through adaptogenic herbs
- Improves feed digestion and nutrient utilization via enzyme complex
- Helps in recovery from mineral deficiencies and improves overall health status

Dosage and Route of Administration

- **Dosage:** Administer 30-50 ml per 100 kg body weight daily, or as directed by the veterinarian.
- **Route:** Oral, via mixing with drinking water or drenching directly.

Product Form

Liquid supplement for oral administration

Usage Instructions

- Shake well before use to ensure uniform distribution of herbal extracts and minerals
- Mix recommended dose in drinking water or administer directly to cattle
- Use consistently for at least 30 days for noticeable benefits
- Consult veterinarian if combined with other mineral or vitamin supplements

Advantages

- High bioavailability of minerals due to chelation technology
- Combination of adaptogenic herbs to enhance immunity and reduce stress
- Enzyme complex aids in improved digestion and feed conversion
- Supports growth, lactation, and metabolic functions
- Convenient liquid form for easy administration

Adverse Effects

- Generally safe when used as recommended
- Overdose may cause mild gastrointestinal disturbances
- Discontinue use and consult veterinarian if adverse reactions occur

Withdrawal Period

No withdrawal period required as this is a nutritional supplement and not a drug

Storage and Handling

- Store in a cool, dry place away from direct sunlight
- Keep container tightly closed when not in use
- Protect from freezing and excessive heat

Handling Precautions

- Avoid contact with eyes and skin
- Use gloves if sensitive to herbal extracts
- Keep out of reach of children and pets

HS Code and HSN Code

- **HS Code:** 293629 (Other compounds containing vitamins or provitamins, excluding antibiotics)
- **HSN Code:** 3004 (Medicaments consisting of mixed or unmixed products for therapeutic or prophylactic uses, put up in measured doses)

Special Instructions

- Not a replacement for veterinary medical treatment
- Should be part of a balanced nutrition and management program
- Avoid mixing with strong oxidizing agents or incompatible chemicals
- Consult veterinarian prior to use in pregnant or diseased animals

Details of Human and Veterinary Application

- **Veterinary Use:** Exclusively formulated for cattle to enhance mineral nutrition, immune response, and digestive efficiency.
- **Human Use:** Not intended for human consumption. Keep out of reach of children.

? Frequently Asked Questions (FAQs)

Q: What does “chelated” mean?

A: Chelated minerals are bound to organic molecules which improve their absorption and utilization in the body.

Q: Can this product be used along with other mineral supplements?

A: Use caution and consult your veterinarian to avoid overdosing on minerals.

Q: How quickly will I see results?

A: Results may vary, but improvements in health and digestion are generally seen within 3-4 weeks of consistent use.

Q: Is there any risk of toxicity?

A: When used as directed, this product is safe. Overdose may cause mild digestive upset.

Q: How should the product be stored?

A: Store in a cool, dry place away from sunlight and extreme temperatures.

Q: Does this product have a withdrawal period?

A: No withdrawal period is necessary as it is a nutritional supplement.

