

DOTCAL UP GEL

Calcium Gel Veterinary Feed Supplement

Description:

Calcium Gel is a high-potency nutritional supplement formulated for livestock and aqua animals to support bone strength, eggshell formation, and overall metabolic health. Enriched with a balanced blend of Calcium, Phosphorus, Vitamin D3, and Vitamin B12, this gel ensures rapid absorption and effective replenishment of essential minerals and vitamins in animals during critical physiological phases like lactation, growth, and recovery.

Specification:

- Active Ingredients (per 300 gm):
 - Calcium: 6600 mg
 - Phosphorus: 3400 mg
 - Vitamin D3 (Cholecalciferol): 35,000 I.U.
 - Vitamin B12 (Cyanocobalamin): 400 mcg
- Product Form: Gel (oral supplement)
- Pack Size: 300 grams
- Category: Cattle, Poultry & Aqua
- Appearance: Viscous, easy-to-administer gel formulation
- Compliance: Veterinary-grade, suitable for feed supplementation use

Category:

Veterinary Feed Supplement (Cattle, Poultry & Aqua)

Composition:

- **Calcium** – 6600 mg: Essential for skeletal health, muscle function, and milk production
- **Phosphorus** – 3400 mg: Supports energy metabolism, bone development, and cellular function
- **Vitamin D3 (Cholecalciferol)** – 35,000 I.U: Aids in calcium and phosphorus absorption
- **Vitamin B12 (Cyanocobalamin)** – 400 mcg: Supports red blood cell formation and appetite stimulation
- **Excipients** – Palatable gel base and stabilizers

Route of Administration:

Oral (direct administration or via feed)

Dosage:

Administer orally as per veterinary recommendation. Standard doses vary by species, size, and physiological condition.

- **Cattle:** 50–100 gm per animal per day
- **Poultry:** As per flock requirements
- **Aqua species:** As advised by aquaculture specialists

Indication:

- To prevent and treat calcium and phosphorus deficiency
- Enhances bone development and strength
- Improves egg production and shell quality in poultry
- Boosts milk yield in lactating animals
- Corrects metabolic imbalances due to mineral deficiency
- Helps in convalescence and recovery in diseased or post-parturition animals

Usage:

Administer directly into the mouth or mix with feed. Ensure consistent usage during periods of high mineral demand (e.g. growth, laying, lactation, disease recovery).

Advantages:

- High bioavailability for faster results
- Supports skeletal strength and egg quality
- Easy-to-administer gel form
- Beneficial across multiple species
- Palatable, no feed rejection

Adverse Effects:

- Over-supplementation may cause gastrointestinal discomfort or mineral imbalance
- Strictly follow prescribed dosage

Withdrawal Period:

Not applicable – feed supplement only. No known residues in milk, meat, or eggs.

Precautions:

- Shake well before use (if applicable)
- Use only under veterinary supervision
- Ensure hygienic handling during administration
- Do not use if seal is broken or product has changed appearance

Storage & Handling:

Store in a cool, dry place (below 30°C). Protect from sunlight and moisture. Keep container tightly closed after use.

HS & HSN Codes:

- **Harmonized System (HS) Code:** 2309.90
- **HSN Code:** 23099090 (Preparations used in animal nutrition)

Special Instructions:

- Administer only to target animals
- Do not combine with other high-calcium medications unless advised
- Keep out of reach of children and non-target species

Details of Human and Veterinary Application:

- **Human Application:** Not intended for human use.
- **Veterinary Application:** Suitable for cattle, poultry, and aqua species for improving mineral profile, productivity, and health.

? Frequently Asked Questions (FAQs):

Q1: What is Calcium Gel used for in animals?

A1: It is used to supplement calcium, phosphorus, and key vitamins during growth, lactation, laying, or recovery phases.

Q2: Can this be used in poultry?

A2: Yes, it improves eggshell strength and production efficiency in poultry.

Q3: Is it safe for aquatic species?

A3: Yes, under expert guidance, it supports growth and mineral balance in aqua farming.

Q4: What if an overdose occurs?

A4: Seek immediate veterinary advice. Overdose may lead to mineral imbalance or GI issues.

Q5: Does this affect milk, meat, or eggs?

A5: No, it has no withdrawal period and is residue-free when used as recommended.

