

DOT- GROW

Veterinary Liquid Tonic for Bone Health, Liver Support & Nutritional Recovery

Description

This is a **liquid feed supplement** formulated with a synergistic combination of **calcium, phosphorus, vitamin D₃ (cholecalciferol), vitamin B₁₂, choline chloride, and proteolyzed liver extract**. It is specially designed to support **bone mineralization, liver function, haematopoiesis, and nutritional recovery** in poultry.

Ideal for use in layers, broilers, and breeders during **growth periods, laying cycles, post-vaccination, stress, or convalescence**, the formulation provides both **structural minerals and functional cofactors** for metabolism and performance.

Specification

- Calcium: 400 mg
- Phosphorus: 200 mg
- Cholecalciferol (Vitamin D₃): 1600 IU (International Units)
- Proteolyzed Liver Extract: 1.65 mg
- Vitamin B₁₂ (Cyanocobalamin): 20 mcg (micrograms)
- Choline Chloride: 20 mg

Category & Pack Size

- Category: Poultry
- Pack Sizes: 1 litre, 2 litre, 5 litre

Indication

Recommended for use in poultry for:

- Bone development and prevention of rickets or fractures
- Eggshell quality enhancement in laying birds
- Support during stress, growth spurts, or recovery
- Improved liver metabolism and detoxification
- Enhanced red blood cell formation and general vitality
- Nutritional supplementation during peak production

Dosage and Administration

- Dosage:
 - 10–15 ml per 100 birds per day via drinking water
 - Or 1–2 ml per litre of drinking water
- Administration:
 - Oral, through clean water supply

Product Form

- Liquid tonic feed supplement

Usage

Intended for **routine or therapeutic use** in poultry to correct or prevent deficiencies in calcium, phosphorus, vitamin D₃, and B-complex nutrients, while also supporting liver health and general productivity.

Advantages

- Dual action: **Bone-strengthening** and **Liver-protective**
- Fast-acting liquid form for easy absorption
- Improves feed conversion and reduces production losses
- Safe for all poultry categories and life stages
- Enhances vitality, appetite, and growth response

Adverse Effects

- Well tolerated at recommended dose
- Overdosage may result in hypercalcemia or digestive upset
- Discontinue if hypersensitivity is observed

Schedule

Non-prescription veterinary nutritional supplement

Precautions

- Shake well before use
- Use only clean water systems for administration
- Do not mix with oxidizing agents or other vitamin preparations unless directed
- Store away from direct sunlight and heat

Withdrawal Period

No withdrawal period required — safe for continuous use during egg or meat production.

Storage and Handling

- Store in a cool, dry place below 30°C
- Protect from freezing and direct sunlight
- Close tightly after each use
- Keep out of reach of children and unauthorized personnel

HS & HSN Codes

- HS Code: 2309.90 (Preparations of a kind used in animal feeding)
- HSN Code: 23099000

Special Instructions

- Best administered during times of metabolic stress, post-treatment, or poor performance
- Use within 30 days of opening for optimal potency
- Maintain strict hygiene during administration

Details of Human and Veterinary Application

- Veterinary use only — not for human consumption
- Handle with care, avoid direct ingestion or contact with eyes
- Wash hands thoroughly after handling product

? Frequently Asked Questions (FAQs)

Q1: What is the full form of IU?

A1: **International Unit (IU)** — a measurement for the potency or activity of vitamins and certain drugs.

Q2: Why is liver extract included?

A2: **Proteolyzed liver extract** is rich in bioavailable iron, B-vitamins, and peptides that boost blood formation and appetite.

Q3: Can this be used in chicks and adult birds?

A3: Yes, safe for all age groups including **growing chicks, layers, broilers, and breeders**.

Q4: Can this product be used with antibiotics?

A4: Yes, it is safe to use alongside antibiotics or vaccines unless specifically contraindicated by a vet.

Q5: Does it improve eggshell strength?

A5: Absolutely! The **calcium + phosphorus + vitamin D₃** trio directly enhances eggshell hardness and uniformity.

