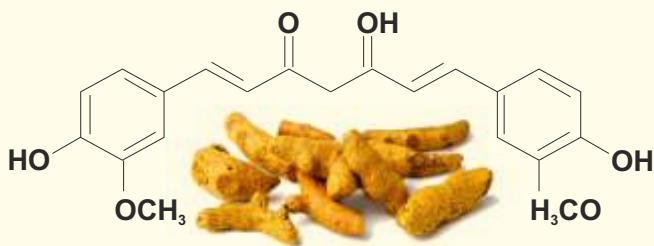


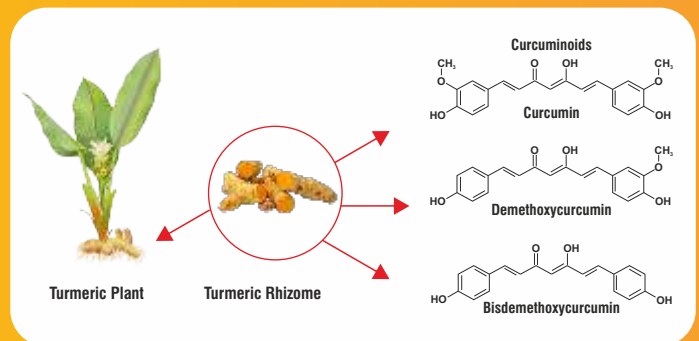
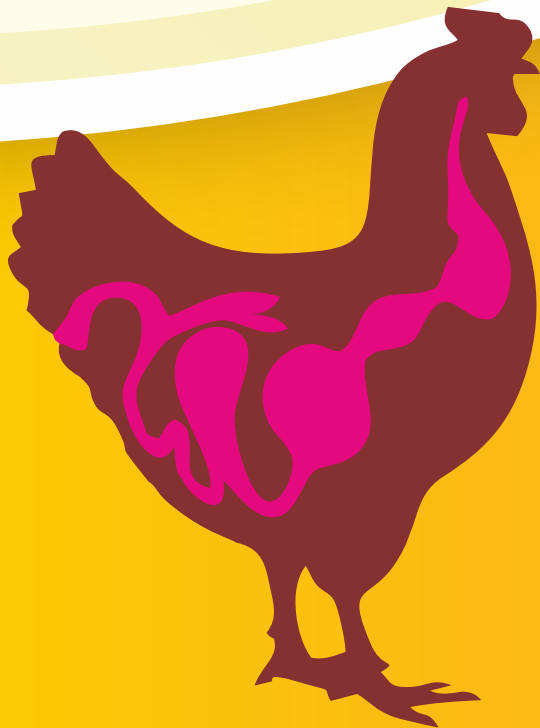
# Turma<sup>Pro</sup>

Pure Turmeric Science for Health & Growth

*Liquid*



## Pure Turmeric Oil Fortified with Curcumin and Sesquiterpenes



### Nature's Powerful Bioactives for Gut Health, Immunity & Growth

Turmeric oil, derived from *Curcuma longa*, is a potent essential oil rich in curcuminoids and turmerones. Unlike raw turmeric powder, turmeric oil offers enhanced bioavailability and faster systemic effects, making it a preferred natural solution in poultry for improving performance and resistance to stress and diseases challenges

## Redefining Gut Health & Productivity in Modern Poultry Farming

### Composition

- Turmeric Oil (*Curcuma longa*)** – 100% pure essential oil
  - Contains **Ar-turmerone,  $\alpha$ - and  $\beta$ -turmerone, curcumenes, zingiberene**
  - Natural antioxidants and antimicrobial constituents
- Alpha-turmerones = 15.6%, Beta-turmerones = 17.1%  
Curcumin-NLT 5%
- Energy- 8987.4 Kcal/Kg Fat 99.86%

### Fatty acid profile of Curcumol

| Curcumol Composition |      |
|----------------------|------|
| Fatty acids          | %    |
| Palmitic acid        | 18.2 |
| Palmitoleic acid     | 36.3 |
| Stearic acid         | 3.9  |
| Oleic acid           | 7.2  |
| cis - Vaccenic acid  | 7.8  |
| Linoleic acid        | 20.3 |
| Linolenic acid       | 6.3  |

### Indications:

Growth phase, Heat stress, Disease outbreaks, Post-vaccination recovery, acute digestive stress & bacterial challenge.

### Key Features & Benefits:

#### Antimicrobial Action

- Inhibits the growth of *E. coli*, *Salmonella*, and *Clostridium spp.*
- Helps in reducing the gut microbial load

#### Anti-inflammatory & Antioxidant

- Mitigates oxidative stress
- Improves intestinal integrity and mucosal immunity

#### Digestive Enhancer

- Stimulates bile production
- Improves nutrient absorption and CFCR

#### Immune Modulator

- Enhances innate immunity
- Reduces mortality and improves livability

### Natural Performance Booster

- Supports gut health, stress management, and overall bird performance
- Non-toxic, residue-free, safe alternative to synthetic growth promoters

### Performance Validation Trial

#### Trial Highlight (Broilers – 35 Days)

**Flock size:** 2,000 birds per group

**Duration:** 35 days

| Parameter              | Control | Turma Pro |
|------------------------|---------|-----------|
| Final Weight (g)       | 1,830   | 1,960     |
| FCR                    | 1.65    | 1.64      |
| Mortality (%)          | 3.5     | 1.2       |
| Gut Lesion Score (avg) | 1.9     | 0.7       |
| Antibiotic Usage       | Yes     | Nil       |

#### Conclusion:

Birds supplemented with Turma Pro showed better FCR, weight gain, gut health, and survivability, with reduced antibiotic use

### Dosage:

**Route:** Oral via Drinking Water

**Broilers, Layers & Breeder:**

200–300 mL per 1,000 litres of drinking water for 5–7 days

**Acute digestive stress or bacterial challenge**

400 mL to 500mL per 1,000 litres.

Can be used alone or in rotation with other herbal gut modulators

### Packing:

**Available in:**

1 Liter | 5 Liter HDPE Cans  
Customised bulk pack for integrators



**Natural. Effective. Residue-Free.**