



Thiruppugazh Biotech Pvt Ltd

Poultry Animal Healthcare & Probiotics



Pioneering Animal Health Innovation — Backed by DSIR-Recognised Research

About Us



Company Overview

Thiruppugazh Biotech is the specialized poultry division of Microcore Research Laboratories, an innovation-led biotechnology company dedicated to research, development, and manufacturing of scientifically validated healthcare and nutraceutical solutions. We focus on enhancing poultry health, performance, welfare, and farm productivity.

Vision

To produce highly Innovative feed supplements and Probiotics as per International Standards.

Mission

To explore the discovery of nature's best possible feed supplements and manufacture highly potent Probiotics for Poultry health care.

Our Products Range

Science-backed feed supplements and probiotics for broilers, layers, and breeders formulated for measurable results in growth, immunity, and disease management.

- **BOWELCURE**
- **MYCOPLACIDAL**
- **WING ROT CURE**
- **CALCINATED OLEO-CURCUMIN**
- **OLEOCURCUMIN**

Products

BOWELCURE (Probiotics)

Our flagship probiotic formulated with *Saccharomyces boulardii* and *Lactobacillus sporogenes*. Delivers an assured weight gain exceeding 3 kg in 32–38 days in broilers through continued feed integration.



Advantages

- Improves feed utilization, FCR & body weight
- Ensures healthy balanced gut microflora
- Reduces disease incidence and mortality rate
- Suppresses ammonia, indoles, phenols & hydrogen sulphide
- Controls Salmonella, E.coli, Shigella & Pasteurella



MYCOPLACIDAL

An advanced feed supplement produced by Submerged Fermentation & plant extract. Prevents and controls Mycoplasma species, E.coli infections, and Complicated Chronic Respiratory Disease (CCRD).

Advantages

- Chemical free product — usable in broilers, layers & breeders at all stages
- Prevents Mycoplasma gallisepticum (MG) proliferation
- Clears fibrinous inflammation in air sacs, lungs, liver & heart
- Effective for lung problems — clears mucus & dead scar tissue
- Ingredients: Alkaline Protease, Bromelain, Papain, Flavourozyme, Glutanas (5 units/g each), Collagen Type-1 (5%), Medicinal herb blends
- Dosage: 200g per Ton of feed across all bird types

Products



WING ROT CURE

(Therapeutic Feed Formulation)

Advanced formula to protect and treat Wing Rot / Gangrenous Dermatitis. Produced by Submerged Fermentation & plant extract.

Composition: Bipeprine 2%, Curcumin 3%, Allicin 3%, Gingerin 3%, Betaglucan 30%, Protease enzymes, Collagen Peptide Type-1, *S. boulardii* & *B. coagulans* (25m cfu/g each)

Advantages

- Chemical free — usable in broilers, layers & breeders at all stages
- Prevents Wing Rot caused by *Clostridium*, *Staphylococcus* & *E.coli*
- Stops and prevents Gangrenous Dermatitis (GD) in growing birds
- Stops necrotization of skin areas & subcutaneous tissue cellulitis
- Unique blend of protease enzymes that break down protein residues

Dosage

- Commercial Broilers: 200g / Ton (Pre-starter, Starter & Finisher)
- Commercial Layers: 200g / Ton (Chick, Layer & Grower)
- Breeder Flock: 200g / Ton (Chick, Layer & Grower)
- Mix 100g powder in 10L water; prepare in clean dedicated water.

Products

OLEOCURCUMIN

(Antimicrobial & Immune Booster)

Organic extract of turmeric from Curcuma plant root. A concentrated Oleoresin derived from Curcumin extraction.

Antibacterial against: Bacillus cereus, B. coagulans, B. subtilis, Staphylococcus aureus, E. coli & Pseudomonas aeruginosa.



Advantages

- Powerful antioxidant & effective Bioprotectant
- Quenches free radicals and prevents their formation
- Builds a healthy immune system
- Prevents connective tissue breakdown by inhibiting destructive enzymes
- Usable in broilers, layers & breeders at all stages

Administration

Mix 100ml in 10L water; transfer to birds within 4–6 hours.

Dosage

- Broilers: 500g / Ton water (Pre-starter, Starter & Finisher)
- Layers: 50g / Ton water (Chick, Layer & Grower)
- Breeders: 25g (Chick) — 200g (Layer & Grower) / Ton water

Products



CALCINATED OLEO-CURCUMIN **(Calcium Source & Protection)**

Innovative Calcinated Oleocurcumin — a rich source of Calcium bonded with Turmeric Oleoresin curcumin. Contains Calcium, phosphate, magnesium & strontium bound oleocurcumin.

Probiotic Strains

- High-purity industrial grade cultures produced under strict GMP:
- *Bacillus coagulans*, *B. licheniformis*, *B. megaterium*, *B. subtilis*, *Lactobacillus sporogenes*, *L. acidophilus*, *L. plantarum*, *Saccharomyces boulardii* & more

Advantages

- Usable in broilers, layers & breeders at all stages
- Stops cracks & damage in egg shells by fulfilling Calcium, phosphate & magnesium
- Helps prevent and protect from CRD
- Maintains overall health management in Poultry

Dosage

- Commercial Layers: 1 Kg / Ton of feed
- Commercial Broilers: 1 Kg / Ton of feed

Products

PIPELINE PRODUCTS

(In Final R&D Phase)

PROBIOTICS FORTIFIED BENGAL GRAM HUSK

fiber-rich cattle feed matrix with heat-resistant probiotics for optimal gut microbiome, nutrient absorption & immunity.

Research Focus

Microbiome stabilization, thermal processing tolerance assessment & dairy herd trial evaluations.



PROBIOTICS FORTIFIED GARLIC HUSK

(Antimicrobial & Gut Defense)

Garlic husk contains natural bio-active compounds with high efficacy against intestinal pathogens. Coupled with symbiotic probiotics to create a clean gut environment, minimize enteric infections & stimulate strong immunoglobulins.

Research Focus

Pilot batch consistency testing, organosulfur compound stability & digestion compatibility studies.



Facilities



Our Facilities

Thiruppugazh Biotech has dedicated manufacturing facilities producing highly innovative feed supplements and advanced probiotics for Poultry Healthcare.

Located in Trichy — the central hub of Tamil Nadu — we are logistically connected to global networks via air, road & sea channels.

Our Commitment to Farmers

We work closely with a large group of poultry farmers in Tamil Nadu. Bowelcure-based unique feeding methods have gained the highest appreciation from our farmer partners. We support farmers right from hatcheries to broiler, encouraging Good Farming Practices (GFP) and continuous yield improvements.



A Subsidiary of MICROCORE RESEARCH LABORATORIES INDIA PVT LTD

DSIR-Recognised R&D | Patented Technologies | GMP-Certified Manufacturing



Production Unit-1

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