

# DOTFERT-C

Clomiphene Citrate I.P. 325 mg + Copper Sulphate (Anhydrous) B.P. 1500 mg

Veterinary Bolus

## DESCRIPTION

This veterinary bolus combines **Clomiphene Citrate**, a selective estrogen receptor modulator that stimulates ovulation and reproductive function, with **Copper Sulphate (Anhydrous)**, an essential trace mineral with antifungal and antiparasitic properties critical for metabolic and reproductive health. This combination supports fertility enhancement and prevention of copper deficiency in livestock.

## SPECIFICATION

### Composition per bolus:

- Clomiphene Citrate I.P. — 325 mg
- Copper Sulphate (Anhydrous) B.P. — 1500 mg
- Excipients — q.s. (binders, fillers, and disintegrants appropriate for veterinary formulation)

## CATEGORY

- Pharmacological Class: Selective Estrogen Receptor Modulator (Clomiphene), Trace Mineral Supplement (Copper Sulphate)
- Therapeutic Class: Fertility enhancer and trace mineral supplement for veterinary use

## INDICATIONS

- Induction and stimulation of ovulation in breeding females
- Management of subfertility or anestrus in cattle and buffalo
- Correction and prevention of copper deficiency and associated metabolic disorders
- Support of reproductive efficiency and overall health in livestock

## PRESENTATION

- Dosage Form: Oral bolus
- Pack Size: 5 × 1 (5 boluses per carton)
- Packaging: Individual bolus in strip or blister pack within a cardboard carton
- Target Species: Cattle, Buffalo, and other large ruminants

## **DOSAGE & ROUTE OF ADMINISTRATION**

- Route: Oral
- Dosage: 1 bolus per animal or as prescribed by veterinarian
- Frequency: As per veterinary advice, often given prior to or during breeding season

## **ADVANTAGES**

- Combines hormonal stimulation and trace mineral supplementation in one dose
- Supports improved reproductive performance and conception rates
- Prevents copper deficiency, enhancing metabolic and immune function
- Convenient oral bolus formulation for easy administration

## **ADVERSE EFFECTS**

- Possible mild gastrointestinal upset
- Rare allergic or hypersensitivity reactions
- Overdose of copper may cause toxicity — adhere to prescribed dose strictly

## **PRECAUTIONS**

- Use strictly under veterinary guidance
- Avoid overdose to prevent copper toxicity
- Monitor animals for any adverse signs post-administration
- Not recommended for use in animals with known hypersensitivity to components

## **WITHDRAWAL PERIOD**

- Meat: Minimum 14 days
- Milk: Minimum 7 days

## **STORAGE CONDITIONS**

- Store below 30°C in a dry, well-ventilated area
- Keep away from moisture and direct sunlight
- Retain in original packaging until use

## **HANDLING INSTRUCTIONS**

- Use gloves if needed during administration
- Avoid direct contact with powder or broken bolus
- Wash hands after handling
- Dispose of packaging responsibly

## **SCHEDULE & REGULATORY CLASSIFICATION**

- **Schedule "H"** Veterinary Drug (Prescription only)
- Registered under veterinary medicinal product regulations

## **HS & HSN CODES**

- HS Code (International): 3004.90
- HSN Code (India): 30049099

## **HUMAN VS. VETERINARY APPLICATION**

- Strictly for veterinary use only
- Not for human consumption
- Formulated specifically for livestock reproductive health

## **SPECIAL INSTRUCTIONS**

- Administer under veterinary supervision
- Ideal for use in breeding programs and fertility management
- Monitor copper status in animals regularly
- Avoid concurrent use with other estrogenic compounds unless prescribed

## **? FREQUENTLY ASKED QUESTIONS (FAQ)**

**Q: What is the purpose of combining Clomiphene Citrate with Copper Sulphate?**

**A:** Clomiphene stimulates ovulation while Copper Sulphate prevents deficiency and supports reproductive health.

**Q: Can this bolus be used in all livestock?**

**A:** It is mainly formulated for cattle and buffalo; consult a vet for other species.

**Q: Are there any withdrawal periods?**

**A:** Yes, meat - 14 days; milk - 7 days.

**Q: How should it be stored?**

**A:** Store below 30°C in a dry place away from sunlight.

**Q: Can it be given without veterinary advice?**

**A:** No, always use under veterinary supervision.

