

**PRESCRIPTION ANIMAL REMEDY
KEEP OUT OF REACH OF CHILDREN
FOR ANIMAL TREATMENT ONLY**

Gonadiol®

**Active constituent: 1 mg/mL oestradiol benzoate
Net contents: 50 mL, 100 mL**



**Boehringer
Ingelheim**

To improve the precision of the onset of oestrus and maximise fertility in oestrus synchronization programmes using an intravaginal insert containing progesterone in cycling cattle.

To induce oestrus and ovulation after progesterone priming with an intravaginal insert containing progesterone in the treatment of anoestrus in cattle.

DIRECTIONS FOR USE

Contraindications:

This product is contraindicated for administration in high doses to pregnant cattle as this has been shown to cause abortion.

Dosage and administration:

Discard any unused product within 24 hours of first broaching the container. Inject by intramuscular injection. For use in oestrus synchronization programmes and treatment of anoestrus in cattle: Inject 2 mL at the time of administration of the intravaginal insert containing progesterone. Inject a further 1 mL between 24 and 48 hours after the removal of the intravaginal insert containing progesterone.

General Directions:

Mode of action: The intramuscular injection of oestradiol benzoate at the initiation of progesterone treatment in cycling cattle (e.g. at the same time as the administration of an intravaginal insert containing progesterone) results in follicular turnover and the emergence of a new follicular wave about four days after treatment. The synchronous emergence of this new follicular wave both enhances the precision of the onset of oestrus and ensures a high fertility oocyte at ovulation after the cessation of progesterone treatment.

The intramuscular injection of oestradiol benzoate during the pro-oestrus period, induced by progesterone priming (e.g. following removal of the intravaginal insert containing progesterone) in anoestrus cattle induces the release of endogenous gonadotrophins, particularly luteinising

hormone. This results in both stimulation and acceleration of the developing and maturing dominant follicle, and oestrus and ovulation follow. In addition, the administration of oestradiol during the pro-oestrus phase increases the expression of oestrus.

WITHHOLDING PERIODS:

MEAT AND MILK: Zero (0) days

TRADE ADVICE:

EXPORT SLAUGHTER INTERVAL (ESI): Zero (0) days. Before using this product, confirm the current ESI from Boehringer Ingelheim on 1800 038 037 or APVMA website (www.apvma.gov.au).

FIRST AID:

If poisoning occurs contact a doctor or Poisons Information Centre. Phone Australia 131126.

Disposal:

Dispose of empty container by wrapping with paper and putting in garbage.

Storage:

Store below 30°C (room temperature). Protect from light. Do not freeze. Discard any unused product within 24 hours of first broaching the container.

APVMA: 82023/104815

Gonadiol® is a registered trademark in the name of Syntex S.A. used under licence.

Distributed by:

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