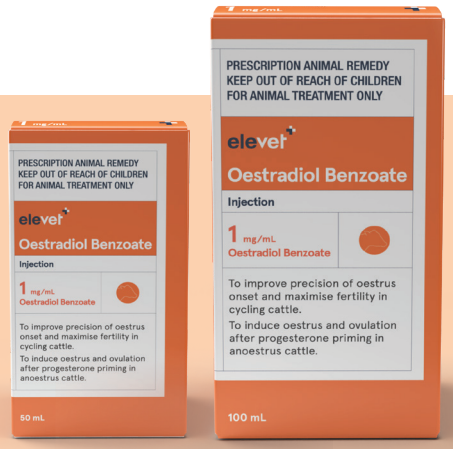
TECHNICAL NOTES

elevet®

Oestradiol Benzoate Injection



Active Constituents

1 mg/mL Oestradiol Benzoate

Indications

To improve the precision of the onset of oestrus and maximise fertility in oestrus synchronisation programs 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.

Dosage & Administration

Use the contents within 24 hours of first broaching of the vial. Discard the unused portion.

Administer via intramuscular injection.

For use in oestrus synchronisation programs 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 anoestrous 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: Zero (0) days

MILK: Zero (0) days

Contraindications

Contraindicated for administration in high doses to pregnant cattle as this has been shown to cause abortion.

First Aid

If poisoning occurs, contact a doctor or phone the Poisons Information Centre on 13 11 26 (Australia).

Safety Data Sheet

For Safety Data Sheet see www.avet.health

Trade Advice

EXPORT SLAUGHTER INTERVAL (ESI): Zero (0) days. Before using this product, confirm the current ESI from AVet Health Pty Ltd on 1300 28 38 28 or the APVMA website (www.apvma.gov.au/residues).

Disposal

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

Storage

Store below 30°C (room temperature). Protect from light. Do not freeze.

Poisons schedule

S4

Registration Number

APVMA Approval Number: 92658