

SUMMARY OF PRODUCT CHARACTERISTICS



GESTAVET® PROST

Luteolytic agent.

Ready to use injectable solution of D-Cloprostenol, synthetic analogue of prostaglandin F2 α (PGF).

Composition: vial containing D-Cloprostenol (sodic salt) at a concentration of 0.075 mg (75 μ g) per 1 mL.

Target species: cattle and pigs (both, females).

Indications: Sows: farrowing induction.

Cattle: estrous synchronization; treat luteal cyst and persistent corpus luteum (CL); chronic endometritis and pyometra; Obstetric maneuver.

Administration route: intramuscular.

Recommendations for use and dosage: Sows: 1 mL/animal (equivalent to 0.075 mg of D-Cloprostenol) for farrowing induction, at 72 to 24 hours before probable farrowing date.

Cattle: 2 mL/animal (equivalent to 0.150 mg of D-Cloprostenol). **Estrous synchronization:** peak estrous expected between 48 to 96 hours; second dose should be administered after 11 or 14 days. Chronic endometritis and pyometra: a second dose might be necessary after 10 to 12 days. **Treat luteal cyst and persistent CL:** confirm the presence of luteal tissue on the follicular wall, ideally by ultrasound.

Obstetric maneuver: between day 7 and 150 of gestation.

Action and pharmacological properties: D-Cloprostenol is a synthetic dextro-rotatory (D) analogue of Cloprostenol. It is 3 to 4 times more potent than the racemic mix (Dextro + Levo-rotatory). D analogue is the only one showing PGF activity since L analogue has no affinity to bind PGF receptors. When D-Cloprostenol is administered during luteal phase, induces the immediately regression of the CL (luteolysis), reducing consequently the progesterone levels.

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Overdose: the administration of three times the recommended dose did not cause adverse reactions.

Withdrawal period: Meat: 1 day (cattle and pigs) | **Milk (cattle):** 0 hours; 0 days.

Shelf life: 24 months. Once opened shelf life is 28 days.

Storage: refrigerated 2-8 °C. Keep it protected from sunlight.

Commercial presentations: some presentations might not be commercialized in some countries.

Single box: 1 cardboard box with 1 vial x 20 mL.

Multi box: 1 cardboard box with 10 vials x 20 mL.

Precautions and warnings: Handle with care and under the supervision of a veterinarian. The use of latex gloves is highly recommended. Use by pregnant women is not recommended. Keep out of the reach of children.

Veterinary medicine for veterinary use only.

The evolution of animal health



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