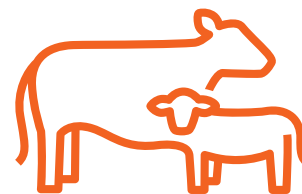


CATTLE PRODUCT INFORMATION SHEET



Leptosshield® Vaccine

Description

Leptosshield vaccine is used for the prevention of Leptospirosis in cattle, sheep and goats and as an aid in the control of Leptospirosis in deer.

Key Benefits

Leptosshield vaccine provides unique protection by preventing the shedding of leptospires (*L. hardjo*, *L. pomona*) in urine and from the reproductive tract. This means that as well as the animal being protected from the productivity losses associated with Leptospirosis, the vaccine also prevents the animal from contaminating the environment and placing unvaccinated cattle and people at risk.

Approved Uses

For the prevention of leptospirosis in cattle, sheep and goats caused by *Leptospira borgpetersenii* serovar *Hardjo* and *L. interrogans* serovar *pomona* and as an aid in the control of leptospirosis in deer caused by the named leptospires. For the prevention of urinary shedding these leptospires in cattle when used prior to natural challenge and to prevent the risk of human leptospiral infection associated with shedding these named leptospires in the urine and from the reproductive tract of cattle. For the prevention of reproductive tract colonisation and placental and foetal infection with *L. hardjo*.

The Zoetis Advantage

Global studies have indicated that Zoetis' Leptospirosis vaccines are equal to, if not the best in the world.

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- Leptosshield can be used in calves from 4 weeks of age. This ensures early protection, preventing calves from becoming infected and shedding leptospires.
- Following the initial primary course, a single annual dose is all that is then required to provide on-going annual protection, without the need for six-monthly booster doses.

Packaging

Pack Size	Dose: Cattle 2.0mL
250mL	125 Doses

Leptosshield® Vaccine

Leptoshield® Vaccine

Dosage and Administration

The dose for each vaccination is 2 mL, injected subcutaneously.

	1st Dose	2nd Dose	Booster
Calves	6 weeks	12 weeks	Annually
Previously unvaccinated cattle	From 6 weeks of age	4-6 weeks later	Annually

The vaccination of calves can start from 4 weeks of age. However, if the initial doses are completed before 3 months of age then an additional dose should be given 6 months later, then annually.

Additional Information

- Store at 2°C to 8°C (Refrigerate. Do not freeze)
- It is important that the vaccine is kept properly mixed before and during use.
- For subcutaneous use only.
- This product can be stored and used for up to 30 days after first opening. On each subsequent reuse, swab the opening with a suitable disinfectant (for example, methylated spirits) both before and after using. A sterile needle must be used each time product is removed. Store unused material upright, at 2°C to 8°C (refrigerated) and in the original cardboard packaging to protect from light.

Resources

Hard Working Protection for Cattle.

Registered Label Warnings

Caution: Avoid Carcass Damage

- Sterilise all injection equipment by boiling in water for 10 minutes before use. Avoid use of strong disinfectants.
- Maintain cleanliness at all times during vaccination. Great care must be taken to avoid contamination of the vaccine, needle and internal parts of the syringe by contact with unsterile surfaces or unwashed hands.
- Keep needles sharp and clean. Replace frequently.
- Use the shortest possible needle, not exceeding 15 mm in length.
- As far as possible avoid injection of the animals during wet weather or under dusty conditions.
- This product must be injected only under the skin (subcutaneously).
- Inject high on the neck behind the ear, i.e. under the skin on the side of the neck (just behind and below the base of the ear). Do not inject at any other site.

Schedule: Nil

