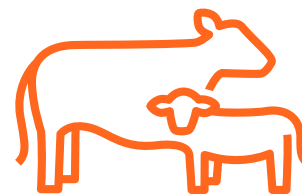


BEEF CATTLE PRODUCT INFORMATION SHEET



Ultravac® 7in1

Description

Ultravac 7in1 vaccine is used to prevent leptospirosis and the major clostridial diseases in cattle.

Key Benefits

Ultravac 7in1 is used to prevent the common types of leptospirosis which affect cattle (and can also be transmitted from cattle to people) as well as prevent the major life threatening clostridial diseases that commonly can occur in cattle.

Approved Uses

Ultravac 7in1 is used for the routine immunisation of cattle for the prevention of:

- enterotoxaemia (pulpy kidney disease),
- tetanus,
- black disease,
- malignant oedema (blackleg-like disease), including swelled head in rams,
- blackleg in cattle and sheep and
- leptospirosis (*L. Hardjo* and *L. Pomona*).

For the prevention of urinary shedding of the named leptospires in cattle when used prior to natural exposure and to prevent the risk of human leptospiral infection associated with the shedding of the 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.

- Ultravac 7in1 is based on the strain of *L. Hardjo* prevalent in Australia – *Leptospira borgpetersenii* serovar Hardjo type hardjo-bovis as well as *Leptospira interrogans* serovar Pomona.
- Ultravac 7in1 vaccine provides unique protection by preventing the shedding of leptospires *L. Hardjo* and *L. Pomona* in the 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.
- Ultravac 7in1 can be used from 6 weeks of age (or from 4 weeks of age when the risk of infection is high to provide early age protection – refer to product label for additional advice). This ensures early protection after two initial doses and provides effective year long protection. A single annual dose is all that is required to provide on-going annual protection, without the need for six-monthly booster doses. Note that additional doses of Ultravac 5in1 may be required to maintain immunity to enterotoxaemia (pulpy kidney). These are given prior to seasonal challenge and advice from your local veterinarian is recommended.

Ultravac® 7in1

Ultravac® 7in1

The Zoetis Advantage is unique. Only Ultravac 7in1:

- Protects you, your cattle, your family and your workers – by preventing shedding of leptospire when used prior to natural exposure, stopping the spread of leptospire.
- Keeps the unborn calf safe and sound – by preventing reproductive tract colonisation and placental and foetal infection by *L. Hardjo*.
- Can be used in calves from 4 weeks of age to provide early age protection.
- Has a low volume 2.5 mL dose to minimise the chance of site reactions.
- Can be used for up to 30 days after opening (provided storage instructions are followed) for added convenience, longevity and to easily fit in with farm management practices.

Packaging

Pack sizes	Dose – Cattle 2.5 mL
50 mL	20 Doses
100 mL	40 Doses
250 mL	100 Doses

Dosage and Administration

Cattle	1st Dose	2nd Dose
Calves*	6 weeks	12 weeks

*When the risk of infection is high the vaccination of calves can start from 4 weeks of age. However if the initial two doses are completed before 3 months of age then additional doses should be given 6 months later, then annually.

Cattle Type	1st Dose	Annual Booster**
Heifers	2- 4 weeks pre-joining	4- 6 weeks pre-calving
Cows		4- 6 weeks pre-calving
1st Season/New Bulls	6 - 8 weeks pre-joining	2- 4 weeks pre-joining
Bulls		2- 4 weeks pre-joining
Steers†	1st dose in-line with heifer vaccination	In-line with heifer vaccination

**Previously unvaccinated cattle will receive 2 doses 4-6 weeks apart.

†Ideally it is best to coincide steer vaccination with heifer vaccination.

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.
- Vaccine can be used for 30 days after opening providing correct storage instructions are followed.

Ultravac® 7in1

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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

Ultravac 7in1 – When you look at the facts. There's only one choice.

Registered Label Warnings

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.

