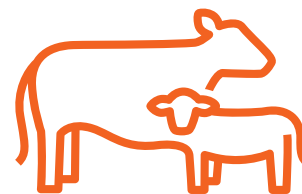


CATTLE PRODUCT INFORMATION SHEET



Longrange® Botulinum Vaccine

Description

- Longrange vaccine is used to prevent botulism in cattle using a single annual dose.
- Longrange Botulinum vaccine provides annual protection against *Clostridium botulinum* Types C and D toxins.

Key Benefits

- Longrange replaces the need to use two initial doses of vaccine. Longrange provides cattle producers with an effective, economical and safe vaccine, providing protection for their cattle while saving on expensive mustering costs and eliminating the expense of a second dose.
- Trials in northern Australia have also shown that site reactions following vaccination with Longrange were minimal.
- Longrange does not clog or block vaccinators, so the purchase of new or special vaccinators is not required.

Approved Uses

Longrange vaccine provides protection against both *C. botulinum* Type C and *C. botulinum* Type D in cattle.

Dosage

Dose Rate

Where the vaccine is dispensed in plastic packs, unused vaccine may be held over for use the next day, provided instructions for resealing are followed. See carton for resealing instructions.

The recommended dose for cattle of all ages is 2.5mL.

The route of inoculation is subcutaneous (injected under the skin). Injection is high on the neck, behind the ear.

It is important that the vaccine is kept properly mixed before and during use.

A second priming dose is not required following the first priming vaccination.

A single dose of this vaccine should confer protection against *Clostridium botulinum* Types C and D toxins for up to 12 months.

An annual vaccination is recommended.

Immunity to Botulinum type C and D develops in 4 weeks (or 28 days) of administration of this vaccine and should confer protection for 12 months.

In outbreak situations, Zoetis has no studies to support the use of Longrange vaccine.

Longrange® Botulinum Vaccine

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Additional Information

Withholding Period

Zero (0) days.

Disposal

Dispose of empty containers by wrapping in paper and putting in garbage.

Discarded needles should immediately be placed in a designated and appropriately labelled 'sharps' container. Incineration is the preferred method of disposal.

Storage Recommendations

Store between 2°C and 8°C (Refrigerate. Do not freeze). Protect from light.

Registered Label Warnings

Side Effects

Localised swelling may develop at the site of injection and a firm, nodular lump may persist for some weeks, even months.

Safe Use Recommendations

Take care to avoid accidental self-injection.

Accidental self-injection may result in local bruising, pain and swelling. In the event of self-injection, **seek medical attention** and show the package leaflet or the label, to the Medical Practitioner.

First Aid

If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 13 1126

References:

Zoetis Australia Pty Ltd. Longrange® [Package insert]. Rhodes, NSW: Zoetis Australia Pty Ltd.

Zoetis.com.au. (2019). Longrange® | Zoetis AU. [online] Available at: <https://www.zoetis.com.au/product-class-new/vaccines/longrange-botulinum-vaccine.aspx>. [Accessed 3 May, 2019].

