

Introducing



MASTIJET FORT

Treatment of Mastitis

Lumpyvax[®]

Prevention of Lumpy Skin Disease





MASTIJET FORT

Mastijet Fort is a broad spectrum intramammary antibiotic for use in treating Mastitis in lactating cattle

Indications

For the treatment of mastitis in cows, including severe mastitis caused by susceptible micro-organisms.

Composition

It has a combination the following antibiotics: Tetracycline 200 mg, Neomycin 250 mg, Bacitracin 2000 IU , Prednisolone 10 mg

Storage

- **Store between 2 °C and 8 °C.**
- **Protect from light**

Dosage

- **One injector (8gm) per infected quarter.**
- **This may be repeated after 24 hours in severe cases with a maximum of four treatments per quarter**

Presentation

- **Cartons containing 20 x 8 g polyethylene syringes packed in aluminium foil sachets.**



Benefits	Withdrawal
The combination of antibiotics ensures a broad spectrum of activity covering all the commonly occurring mastitis-causing bacteria.	Milk from treated quarters must not be used for human consumption during the treatment period and for 8 milkings following the last infusion
Prednisolone decreases the inflammatory reactions and promotes a decrease of the somatic cell count	Milk from untreated quarters must also be withheld during treatment and for one milking after last infusion.
A rapid return to milk production	Following the last infusion, the meat should not be used for human consumption within 2 days, the udder tissue within 14 days and the organs within 42 days.



Lumpyvax[®]

Lumpyvax is a vaccine for the prophylactic immunisation of cattle against Lumpy Skin Disease in cattle.

Indications

For the prophylactic immunisation of cattle against lumpy skin disease.

Composition

Each 1 mL (1 dose) of the vaccine contains 10⁴ TCID₅₀ of freeze-dried, live, attenuated virus (SIS Neethling-type).

Storage

- Store between 2 °C and 8 °C.
- Do not freeze.

Dosage

Inject 1 mL per animal subcutaneously

Presentation

Vials containing 20 mL (20 doses) and 100 mL (100 doses).



Recommendations

Calves from vaccinated cows should be vaccinated at 6 months of age. Calves from unvaccinated cows may be vaccinated at any age.

Pregnant cows may be vaccinated with Lumpyvax[®].

Immunity starts to develop about 10 days after immunisation and animals should be fully protected after 3 weeks.

Warnings

Vaccinate healthy animals only.

Do not slaughter cattle for human consumption within 21 days of vaccination

Keep out of reach of children, uninformed persons and animals.

LUMPY SKIN DISEASE SPREADS QUICKLY



SIGNS OF LUMPY SKIN DISEASE



Skin thickening
and nodules



Fever



Lethargy



Eye and nasal
discharge

IMPACT OF LUMPY SKIN DISEASE



Loss of milk
production
(may be dramatic)



Poor production
(slow growth)



Death



Infertility (temporary
or permanent)

HOW LUMPY SKIN DISEASE IS SPREAD



Mosquitos



Flies



Ticks



Cows to calves
through milk



Licking or saliva
in water troughs



People (injecting
with dirty needles)

CONTROL LUMPY SKIN DISEASE



Management guidelines



Movement control
(quarantine)



Vector control

Annual vaccination with
Lumpyvax®



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