

# 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 of the following antibiotics: Tetracycline 200 mg, Neomycin 250 mg, Bacitracin 2000 IU , Prednisolone 10 mg.

## 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 10<sup>4</sup> TCID<sub>50</sub> 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.

# Lumpyvax®

## 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®**



**AFRICA LTD**

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