



ONDERSTEEPOORT
BIOLOGICAL PRODUCTS

For animal use only

LEUKOPAST 3

VACCINE FOR CATTLE

Reg. No. G 2393 (Act 36/1947) Namibia: NSR 0964

Combined formalinised, aluminium hydroxide gel adsorbed monovalent leukotoxin culture supernatant of *Mannheimia (Pasteurella) haemolytica* type A 1 with inactivated infectious bovine rhinotracheitis and parainfluenza type 3 virus for the control of respiratory infections in cattle.

At all times store the vaccine at a temperature of 4 °C to 8 °C in a refrigerator. Do not use the vaccine after the expiry date printed on the bottle.

RECOMMENDATIONS FOR USE

In South Africa *Mannheimia (Pasteurella) haemolytica* and respiratory virus infections occur primarily in feedlot cattle kept under intensive conditions as well as in young animals under extensive conditions on farms. The pneumonic form of pasteurellosis in feedlot cattle is preceded by infections with infectious bovine rhinotracheitis and parainfluenza type 3 virus and stress conditions. Cattle should, therefore, be immunised against infectious bovine rhinotracheitis, parainfluenza type 3 and pasteurellosis before they are introduced into feedlots.

WARNINGS

Do not slaughter animals for human consumption within 7 days of vaccination. Vaccinate healthy animals only. Keep out of reach of children, uninformed persons and animals. Although this product has been extensively tested under a large variety of conditions, failure thereof may ensue as a result of a wide range of reasons. If this is suspected, seek veterinary advice and notify the registration holder.

DIRECTIONS FOR USE

Use only as directed.

Sterilise syringes and needles by boiling in water for at least 15 minutes. Do not use disinfectants or methylated spirits for sterilising either syringes or needles. Use a separate needle for each animal. Shake the bottle well before use. Avoid exposure to high temperatures and direct sunlight during inoculation. Depending on circumstances, animals may be immunised at any age from two weeks. Animals which are inoculated for the first time must be given 2 injections with an interval of 4 weeks. Thereafter a single booster injection should be given every 6 to 12 months. It is advisable to give this injection approximately a month before the anticipated occurrence of the disease.

DOSAGE: 5 ml subcutaneously irrespective of age or body mass.

EFFECTS OF THE VACCINE

The vaccine causes no reaction. Pregnant and lactating animals may be inoculated. Immunity develops approximately two weeks after inoculation and protection lasts for about 6 months but cannot be guaranteed in all animals.

PACKING

Available in bottles of 20 doses.

Registration holder:

Onderstepoort Biological Products SOC Ltd, Co. Reg. No. 2000/022686/06
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Made in South Africa

Edition 5

P2086

Gekombineerde geformaliseerde, aluminiumhidroksied gel geadsorbeerde monovalente leukotoksien kultuursupernaat van *Mannheimia (Pasteurella) haemolytica* tipe A 1 bakterieë met geïnaktiveerde aansteeklike bees rhinotrageïtis en parainfluenza tipe 3 virus vir die beheer van respiratoriese infeksies in beeste.

Bewaar die entstof te alle tye by 'n temperatuur van 4 °C tot 8 °C in 'n yskas. Moet nie die entstof na die vervaldatum wat op die bottel gedruk is gebruik nie.

AANBEVELINGS VIR GEBRUIK

In Suid-Afrika kom *Mannheimia (Pasteurella) haemolytica* tipe en respiratoriese virusbesmettings hoofsaaklik voor in beeste wat onder intensiewe toestande in voerkrale gehou word, asook in jong diere wat onder ekstensiewe toestande op plase aangehou word. Die longvorm van pasteurellose in voerkraal beeste word dikwels voorafgegaan deur aansteeklike bees rhinotrageïtis en parainfluenza tipe 3 virus infeksies. Beeste behoort dus teen aansteeklike bees rhinotrageïtis, parainfluenza tipe 3 en pasteurellose ingeënt te word voordat hulle in voerkrale geplaas word.

WAARSKUWINGS

Moet nie diere binne 7 dae na inenting vir menslike verbruik slag nie. Slegs gesonde diere moet ingeënt word. Hou buite bereik van kinders, oningeligte persone en diere. Alhoewel hierdie produk breedvoerig onder 'n wye verskeidenheid van toestande getoets is, mag dit faal as gevolg van verskeie redes. Indien dit vermoed word, raadpleeg 'n veearts en verwittig die registrasiehouer.

GBRUIKSAANWYSINGS

Gebruik slegs soos voorgeskryf.

Steriliseer spuite en naalde deur dit vir ten minste 15 minute in water te kook. Moet nie ontsmettingsmiddels of brandspiritus gebruik om spuite en naalde te steriliseer nie. Gebruik 'n afsonderlike naald vir elke dier. Skud die bottel goed voor gebruik. Vermoë blootstelling aan hoë temperature en direkte sonlig gedurende inenting. Diere kan, na gelang van omstandighede, op enige ouderdom vanaf 2 weke geënt word. Diere wat vir die eerste keer geënt word moet twee inspuitings met 'n tussenpose van 4 weke ontvang. Hierna moet die diere elke 6 tot 12 maande 'n enkel versterkingsinspuiting gegee word. Dit is raadsaam om hierdie inspuiting ongeveer 'n maand voor die verwagte voorkoms van die siekte toe te dien.

DOSIS: 5 ml onderhuids ongeag ouderdom of liggaamsmassa.

UITWERKING VAN DIE ENTSTOF

Die entstof veroorsaak geen reaksie nie. Dragtige en lakterende diere mag geënt word. Immuniteit ontwikkel ongeveer 2 weke na inenting en beskerm die diere vir ongeveer 6 maande maar kan egter nie in alle diere gewaarborg word nie.

VERPAKKING

Beskikbaar in bottels van 20 dosisse.

Registrasiehouer:

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