



ONDERSTEEPOORT
BIOLOGICAL PRODUCTS

For animal use only

CALF PARATYPHOID (INACTIVATED POLYVALENT) VACCINE

Reg. No. G 0072 (Act 36/1947) Namibia: NSR 0587

Formalinised aluminium hydroxide gel adsorbed suspension of inactivated *Salmonella dublin*, *S. typhimurium* and *S. bovis-morbificans* bacteria for prophylactic immunisation of calves against paratyphoid.

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

The inactivated vaccine is designed primarily for use on premises where paratyphoid due to *S. typhimurium* and *S. bovis-morbificans* is prevalent. It will also afford protection against *S. dublin* infections but a single injection of the live paratyphoid vaccine is adequate for routine use. A single injection of the vaccine gives a fair degree of immunity but the application of two injections provides a superior level of protection and this procedure is recommended. The inactivated vaccine may be used concomitantly with antibiotic therapy. Calves very rarely contract paratyphoid before they are two weeks old but in the instances where this might occur, the vaccine may be administered to the pregnant cows.

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. Occasionally animals on certain farms may show shock reactions shortly after injection of the vaccine. In such circumstances a veterinarian should be consulted. 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 temperature and direct sunlight during inoculation. Calves should be given two subcutaneous injections at an interval of 10-14 days. The first injection must be given at 7-10 days of age and the second at approximately three weeks of age. If cows are immunised, they should be given two injections at approximately 4-6 and 2-3 weeks respectively before calving.

DOSAGE:

Calves: 5 ml subcutaneously
Cows: 10 ml subcutaneously

EFFECTS OF THE VACCINE

Calves may show a very slight transient temperature reaction. The vaccine may occasionally give rise to a nodule at the injection site. Immunity usually develops 7-14 days after the second injection but cannot be guaranteed in all animals.

PACKING

Available in bottles of 10 ml.

Registration holder:

Onderstepoort Biological Products SOC Ltd, Co. Reg. No. 2000/022686/06
Private Bag X07, Onderstepoort, 0110. Tel: +27 (0) 12 522 1500, Fax: +27 (0) 12 522 1591

Made in South Africa

Edition 5

P1106



KALWERPARATIFUS (GEÏNAKTIVEERDE POLIVALENT) ENTSTOF

Reg. Nr. G 0072 (Wet 36/1947) Namibië: NSR 0587

Geformaliniseerde aluminiumhidroksied gel geadsorbeerde suspensie van geïnaktiveerde *Salmonella dublin*, *S. typhimurium* en *S. bovis-morbificans* bakterieë vir voorbehoedende immunisering van kalwers teen paratifus.

Bewaar die entstof 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

Die geïnaktiveerde entstof is hoofsaaklik bedoel vir gebruik op plase waar paratifus, te wyte aan *S. typhimurium* en *S. bovis-morbificans*, algemeen is. Dit sal ook beskerming teen *S. dublin* besmettings verleen maar 'n enkel inspuiting van die lewendige paratifus entstof is vir roetine gebruik voldoende. 'n Enkel inspuiting van die entstof gee 'n redelike mate van immuniteit maar die aanwending van twee inspuitings verwek 'n hoër graad van beskerming en hierdie prosedure word aanbeveel. Die geïnaktiveerde entstof kan in die teenwoordigheid van antibiotiese behandeling gebruik word. Kalwers kry baie selde paratifus onder die ouderdom van twee weke maar wanneer dit wel gebeur kan die entstof aan dragtige koeie toegedien 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, ongeligte persone en diere. In uitsonderlike gevalle kan enkele diere skoksimptome kort ná toediening van die entstof toon. Onder sulke omstandighede behoort 'n veearts geraadpleeg te word. 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. Vermoed blootstelling aan hoë temperature en direkte sonlig gedurende inenting. Kalwers moet twee onderhuidse inspuitings met 'n tussenpose van 10-14 dae gegee word. Die eerste inspuiting moet op 7-10 dae ouderdom toegedien word en die tweede wanneer die kalf ongeveer drie weke oud is. Indien koeie geïmmuniseer word moet hulle twee inspuitings ongeveer 4-6 en 2-3 weke respektiewelik voor kalwing gegee word.

DOSIS:

Kalwers: 5 ml onderhuids
Koeie: 10 ml onderhuids

UITWERKING VAN DIE ENTSTOF

Kalwers mag 'n baie geringe tydelike koorsreaksie toon. Die entstof mag soms 'n knoppie by die inspuitplek veroorsaak. Immuniteit ontwikkel gewoonlik 7-14 dae na toediening van die tweede inspuiting maar kan egter nie in alle diere gewaarborg word nie.

VERPAKKING

Beskikbaar in bottels van 10 ml.

Registrasiehouer:

Onderstepoort Biologiese Produkte MSB Bpk, Mpy. Reg. Nr. 2000/022686/06
Privaatsak X07, Onderstepoort, 0110. Tel: +27 (0) 12 522 1500, Faks: +27 (0) 12 522 1591