

FOR ANIMAL USE ONLY

Consult a veterinarian before use

# Clostrivax B+

## FOR CATTLE

Reg. No. G4484 (Act 36/1947)

**Clostrivax B+** is an adjuvanted multi-component vaccine for the active immunisation of cattle against diseases caused by *Clostridium perfringens* type A (enterotoxaemia, gas gangrene, sudden death syndrome), *C. botulinum* types C and D (botulism), *C. novyi* type A (swelled head), *C. novyi* type B (black disease, infectious necrotic hepatitis), *C. chauvoei* (black leg, black quarter), *C. sordellii* (sudden death syndrome), *C. septicum* (malignant oedema, braxy), *Mennheimia haemolytica* type A1 (pneumonia) and *Bacillus anthracis* (anthrax).

**Anthrax is a controlled disease in terms of the Animal Diseases Act (Act No. 35 of 1984) and any suspicion or confirmation of the disease must be reported to the responsible state veterinarian immediately.**

### STORAGE INSTRUCTIONS

Store in a refrigerator between 2 °C and 8 °C. Do not freeze. Protect from high temperatures and direct sunlight. Do not use after the expiry date printed on the packaging and container. Do not store any vials into which a needle or other device has been inserted, for future use.

### COMPOSITION

**Clostrivax B+** contains toxoids from *C. perfringens* type A, *C. botulinum* types C and D, *C. novyi* types A and B, *C. sordellii*, *C. septicum*, *M. haemolytica* type A1 leukotoxin, formalin inactivated *C. chauvoei* anaerocultures and live uncapsulated avirulent spores of *B. anthracis* Sterne 34F2.

### WARNINGS

- DO NOT SLAUGHTER ANIMALS FOR HUMAN CONSUMPTION WITHIN 21 DAYS OF VACCINATION.
- Usually no marked reaction follows vaccination although a transient swelling may appear at the site of inoculation, and some animals may show a moderate rise of temperature for one or two days.
- **Simultaneous administration of antibiotics to vaccinated animals is contraindicated as the antibiotic will interfere with the vaccine.**
- **Antibiotics should not be given for several days before and after vaccination.**
- Do not use in any other species other than those indicated.
- Do not administer to animals in poor or extremely poor body condition.
- KEEP THE PRODUCT 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 for a wide range of reasons. If this is suspected, seek veterinary advice and notify the registration holder and the Registrar.

### PRECAUTIONS

- Follow standard sterile procedures during administration of

injections.

- Do not mix this product with any other vaccines or medicines.
- Avoid contact of the product with skin, eyes and mouth.
- Do not eat, drink or smoke whilst handling the product.
- Do not contaminate rivers, dams or any other water sources with containers or waste.
- Dispose of all containers and all unused contents in accordance with the local law.

### DIRECTIONS FOR USE

- Use only as directed.
- Shake gently before use by inverting the vial several times.
- Use sterile needles and syringes to administer **Clostrivax B+**.
- Inject cattle subcutaneously on the side of the neck. DO NOT deviate from the recommended route and injection site location.
- Calves may be vaccinated from two months of age and older.
- **Clostrivax B+** is safe to use in heifers and cows in all trimesters of pregnancy or calves nursed by pregnant cows.
- Previously sensitised cows should be vaccinated 2-6 weeks before calving is due to commence. This provides passive protection to the calf, via colostrum, for up to 8 weeks.

### DOSAGE

- 2 ml via the subcutaneous route.
- A booster vaccination of 2 ml should be administered 3 to 4 weeks later with either **Clostrivax B+** or **Clostrivax B**. Annual revaccination is recommended thereafter.

### PRESENTATION

**Clostrivax B+**, a light brown to amber liquid with an off-white sediment if left to settle, is presented in a pack size of a 100 ml and 500 ml high density polyethylene (HDPE) vial of natural colour, capped with a gold coloured aluminium cap with two-bridge tabs, labelled and packed in a product-specific outer cardboard carton.

### REGISTRATION HOLDER

Vetvax (Pty) Ltd  
Reg. No. M2004/035302/07  
442 Rigel Avenue South  
Erasmusrand  
Pretoria  
0181  
Tel: +27 (0) 12 349 2772

### MANUFACTURER

Design Biologix CC  
Reg. No. 1992/028856/23  
Tel: +27 (0) 12 349 2772  
www.designbio.co.za

# Clostrivax B+

## VIR BEESTE

Reg. Nr. G4484 (Wet 36/1947)

**Clostrivax B+** is 'n multi-komponent entstof vir die aktiewe immunisering van beeste teen siektes wat veroorsaak word deur *Clostridium perfringens* tipe A (enterotoksemie, gasgangreen, skielike dood sindroom), *C. botulinum* tipes C en D (lamsiekte), *C. novyi* tipe A (dikkop), *C. novyi* tipe B (aansteeklike nekrotiese hepatitis), *C. chauvoei* (sponsiekte), *C. sordellii* (skielike dood sindroom), *C. septikum* (kwaadaardige edeem), *M. haemolytica* tipe A1 (bees respiratoriese siekte) en *Bacillus anthracis* (miltiekte).

**Miltiekte is 'n beheerde siekte ingevolge die Wet op Diersiektes (Wet No. 35 van 1984) en enige vermoede of bevestiging van die siekte moet onmiddellik by die verantwoordelike staatsveearts aangemeld word.**

### BERGINGSAAWYSINGS

Bêre in 'n yskas tussen 2 °C en 8 °C. Moenie vries nie. Beskerm teen hoë temperature en direkte sonlig. Moenie gebruik na die vervaldatum wat op die verpakking en houër gedruk is nie. Moenie houers waarin 'n naald of ander toestel aangebring is, vir toekomstige gebruik bêre nie.

### SAMESTELLING

**Clostrivax B+** bevat toksioïede van *C. perfringens* tipe A, *C. botulinum* tipes C en D, *C. novyi* tipes A en B, *C. sordellii*, *C. septicum*, *M. haemolytica* tipe A1 leukotoxin formalien-geïnaktiveerde *C. chauvoei* anakultuur en lewendige ongekapsuleerde avirulente spore van *B. anthracis* Sterne 34F2.

### WAARSKUWINGS

- MOENIE DIERE BINNE 21 DAE NA INENTING VIR MENSLIKE VERBRUIK SLAG NIE.
- Normaalweg volg geen merkbare reaksie op inenting nie, alhoewel 'n kortstondige swelling op die plek van inenting kan voorkom, en sommige diere 'n matige styging in temperatuur vir een of twee dae kan toon.
- **Gelyktydige toediening van antibiotika aan ingeënte diere is teenaangedui aangesien die antibiotika met die entstof sal inmeng.**
- **Antibiotika moet nie vir 'n paar dae voor en na inenting gegee word nie.**
- Moenie in spesies anders as die aangeduide spesies gebruik nie.
- Moenie toegedien word aan diere in 'n swak of uiters swak liggaamskondisie nie.
- HOU DIE PRODUK BUITE BEREIK VAN KINDERS, ONINGELIGTE PERSONE EN DIERE.
- Alhoewel hierdie produk breedvoeriger onder 'n wye verskeidenheid toestande getoets is, mag dit vaal as gevolg van verskeie redes. Indien dit vermoed word, raadpleeg 'n veearts en verwittig die registrasiehouer en die Registrateur.

### VOORSORGMATREËLS

- Volg standaard sterielie prosedures tydens toediening van inspuitings.

- Moenie hierdie produk met enige ander entstof of medisyne meng nie.
- Vermoë kontak met die vel, oë en mond.
- Moenie eet, drink of rook tydens die hantering van die produk nie.
- Moenie riviere, damme of waterbronne met houers of afval besoedel nie.
- Gooi alle leë houers en alle ongebruikte inhoud volgens die plaaslike wetgewing weg.

### GEBRUIKSAANWYSINGS

- Gebruik slegs soos aangedui.
- Meng die houër goed voor en tydens gebruik deur dit 'n paar keer om te keer.
- Gebruik steriele naalde en spuite om **Clostrivax B+** toe te dien.
- Spuit beeste onderhuids aan die kant van die nek. MOENIE van die aanbevole roete en inspuitplek afwyk nie.
- Kalwers kan ingeënt word vanaf 'n ouderdom van 2 maande en ouer.
- **Clostrivax B+** is veilig vir die gebruik in verse en koeie in alle trimesters van dragtigheid, of kalwers wat drink aan dragtige koeie.
- Koeie wat binne die vorige 12 maande ingeënt was moet 2 tot 6 weke voor kalf weer ingeënt word. Dit bied die kalf tot 8 weke passiewe beskerming via die biesmelk.

### DOSIS

- 2 ml via die onderhuidse roete.
- 'n Skraagdosis van 2 ml moet 3 tot 4 weke later toegedien word met **Clostrivax B+** of **Clostrivax B**. Daar word daarna 'n jaarlikse her-inenting aanbeveel.

### AANBIEDING

**Clostrivax B+**, 'n ligbruin tot amber vloeistof met 'n wit sediment, word aangebied in 'n pakgrootte van 'n 100 ml en 500 ml hoëdigtheid-poliëtileen (HDPE) houër van natuurlike kleur, bedek met 'n goudkleurige aluminium doppie, geetiketter en verpak in 'n produkspesifieke buitenste kartonhouer.

### REGISTRASIEHOUER

Vetvac (Edms) Bpk  
Reg. Nr. M2004/035302/07  
Rigellaan-Suid 442  
Erasmusrand  
Pretoria  
0181  
Tel: +27 (0) 12 349 2772

### VERVAARDIGER

Design Biologix BK  
Reg. Nr. 1992/028856/23  
Tel: +27 (0) 12 349 2772  
www.designbio.co.za