

FOR ANIMAL TREATMENT ONLY

Vaxsafe[®] IB Vaccine (living)

Active Constituent: Each dose contains $\geq 10^{3.0}$ EID₅₀* living Infectious Bronchitis Virus Ingham Strain.

*EID = Egg Infectious Dose

Statement of Claims: A freeze-dried vaccine for the prevention of infectious bronchitis in poultry.

1000 / 5000 / 10,000 Doses

Contents: The product consists of a freeze-dried pellet in a 3 mL glass vial containing 1000 or 5000 doses; a 10 mL glass vial containing 5000 or 10,000 doses; or a 20 mL glass vial containing 5000 or 10,000 doses.

READ DIRECTIONS CAREFULLY

DIRECTIONS FOR USE:

Contraindications:

- This product is contraindicated for vaccinating unhealthy birds.

Precautions:

- Each bird must receive the full dose of living vaccine to be fully protected.
- The living vaccine virus must not be exposed to disinfectants or heat.
- Only birds in good health should be vaccinated. The presence of mycoplasma infection (chronic respiratory disease; CRD) or other stress factors may cause severe reaction.
- Administer the vaccine early in the morning.
- These vaccines should be used immediately upon reconstitution.

Side-effects:

Occasionally a site reaction is encountered; usually in the form of a respiratory "snicker" best heard at night. If birds are overstressed at time of vaccination the use of electrolyte replacer to overcome any severe reaction is recommended.

DOSAGE AND ADMINISTRATION:

When to Vaccinate:

Birds may be vaccinated at 6-7 days of age. Repeat vaccination is recommended at 30 days and 10-12 weeks of age. Overseas experience has shown that vaccinated flocks not exposed to field infection while under protection of the vaccine may be susceptible to the disease 4-5 months after vaccination.

Selection of the right age to vaccinate depends on a number of factors and each grower will have to determine the times most suitable to his own conditions.

Method of Vaccination:

The vaccine is intended for use by the drinking water method.

Drinking Water Method:

The drinking water method is a relatively simple procedure. If properly performed, each bird will receive the required dose of live virus vaccine and be protected against the disease.

Two systems of dosing birds through the drinking water are used:

- fixed drinker system
- dispenser system

Preparation of Vaccine:

The vaccine should be prepared immediately before use by tearing the cap off the vial and resuspending the virus with pre-chilled water. The cap is replaced and held in position while shaking to aid suspension. The vaccine is then poured into 5 litres of chilled water into which has been mixed instant skim milk powder as a stabiliser (12.5 grams per 5 litres).

Fixed Drinker System:

Preparation of Drinking Water: For a 3 day period prior to vaccination, the volume of water consumed by the chickens is calculated over a 3-4 hour period, preferably in the early morning. This gives a good indication of the volume of drinking water to be used during vaccination.

NB: During this 3-day period NO disinfectants or drugs are to be used through the drinking system.

- Clean and rinse all drinking troughs thoroughly but **DO NOT** use disinfectants.
- Empty header tank and fill with sufficient fresh water precalculated to last chickens for 3-4 hours.
- Add skim milk powder (25 grams per 10 litres) and mix thoroughly. This acts as a stabiliser and protects the live virus in the vaccine.
- Add the prepared vaccine to the header tank and stir thoroughly to disperse it into the skim milk/water mixture.
- Drain the drinking points until the skim milk/vaccine/water mixture appears.
- Ensure that all birds drink the vaccine supply by driving them gently towards the drinking troughs. The vaccine mixture should be consumed within 3 hours.
- Do not supply water until all the vaccine mixture has been consumed. The dosing procedure should be carried out in the early morning.

Dispenser System:

- Clean and rinse the water trough then cut off the water supply. Avoid the use of disinfectants.
- Prepare a mixture of instant skim milk powder and cold water in a clean large container, eg. a 70 litre plastic bin reserved for use as a vaccine container. Add 25 grams of skim milk powder for each 10 litres of water. Mix well to obtain a smooth liquid.
- Add 1000 doses of the prepared vaccine for each 10 litres of water in a large container and stir thoroughly with a clean wooden paddle. For birds over 4 weeks of age add 1000 doses of the vaccine to 20 litres of water.
- Using a clean watering can or bucket, evenly distribute this vaccine mixture to the water troughs. Keep replenishing the troughs until the total volume in the large container is used.
- Make sure the birds drink the vaccine mixture by driving them gently towards the water trough. Total consumption of the vaccine should be completed within 3 hours. The birds must not be allowed access to any other water supply until vaccination is completed.
- Alternatively preparation of the vaccine/skim milk mixture may be made directly in a clean watering can and dispensed to the water troughs. Repeat the procedure until dosing is completed.

WITHHOLDING PERIOD: NIL

USER SAFETY INFORMATION:

Avoid contact with the eyes. Operators should wear eye protection and masks and should seek medical advice if accidental contact with the eyes occurs.

Additional information is available in the product Material Safety Data Sheet.

FIRST AID:

If poisoning occurs, contact a Doctor or Poisons Information centre on 13 11 26.

STORAGE INSTRUCTIONS:

Protect from light. Store below -18°C (deep freeze). Correct storage of the vaccine is essential to ensure it is potent at the time of use. Store the vaccine vials in a deep freeze or the freezing compartment of the refrigerator. Place the vaccine in a cool box with ice on removal from the deep freeze until ready to reconstitute for use.

CAUTION:

The capability of this vaccine to produce satisfactory results depends upon many factors, including – but not limited to – conditions of storage and handling by the user, administration of the vaccine, health and responsiveness of individual chickens and degree of field exposure. Therefore, directions for use should be followed carefully.

DISPOSAL:

Discarded vials/containers should immediately be placed in a designated and appropriately labelled 'biologicals' container. If this option is not available, bury the vial/container below 500 mm in a disposal pit specifically marked and set up for this purpose clear of waterways, desirable vegetation and roots.

CONTACT DETAILS:

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**WARRANTY AND DISCLAIMER**

Vaxsafe® IB Vaccine has been tested and meets safety and potency standards according to the Standards required by the APVMA.

BIOPROPERTIES Pty Ltd accepts no responsibility for events arising from the misuse or mishandling of the product. BIOPROPERTIES Pty Ltd gives no warranty (express or implied) with respect to the product, including without limitation any warranty as to completeness, merchantability or fitness for a particular purpose. Under no circumstances shall BIOPROPERTIES Pty Ltd be liable for indirect, special, consequential or punitive damages.

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