



## NEWCASTLE DISEASE AND INFECTIOUS BURSAL DISEASE VACCINE, INACTIVATED BP (Vet)

### DIRECTIONS FOR USE

#### DESCRIPTION

Newcastle Disease (ND) and Infectious Bursal Disease (IBD) Vaccine, inactivated combined is an "off white" coloured emulsified suspension of highly immunogenic strains of ND and IBD viruses, chemically inactivated and oil adjuvanted to get stable emulsion. Selection of highly immunogenic strains of ND and IBD viruses for vaccine preparation confers protection to the birds against both Newcastle and Infectious Bursal Disease.

The product meets all rigid quality control standards of purity, safety, and potency as per the individual monographs of viral vaccines of BP (Vet).

#### INDICATIONS

This vaccine is recommended for active immunization of chicks, layers, and broiler breeder birds against Newcastle and Infectious Bursal Disease. A dose of vaccine contains high titred inactivated viral antigens which induce effective immune response against these two infections. The vaccine is recommended for birds which are already primed with individual ND and IBD live vaccines.

#### DOSAGE FORM

Each dose of vaccine contains greater than  $10^8$  EID<sub>50</sub> of ND virus and  $10^6$  EID<sub>50</sub> of IBD virus prior to inactivation.

#### DOSAGE

Dose per bird ..... 0.5 ml

#### ADMINISTRATION

Shake vaccine bottle well before and during use. Use 20 / 21 gauge needle and automatic syringe, to inject the vaccine as per dosage, preferably by subcutaneous route in the lower half of the neck under the loose skin at the point midway between the bird's head and base of the neck, the needle pointing away from the bird's head; or intramuscularly in the breast muscle. Vaccinate using aseptic techniques.

#### CONTRA-INDICATION

This vaccine is not recommended for those birds, which are clinically sick or severely debilitated, or under conditions of severe stress and strain.

#### GENERAL RECOMMENDED SCHEDULE OF VACCINATION

The vaccine can be used in chicks in endemic areas. Generally, the vaccine is used to vaccinate layer and broiler breeders between 16 to 22 weeks of age. The vaccine can be used in mid lay for better immune response in progeny after initial peak is over.

This vaccine is mainly recommended for use as a mid-lay booster (between 35-40 weeks of age) vaccination as it avoids the double handling of the flock under mid of production.

However, individual ND and IBD vaccinations are preferred by some consultants during pre-lay vaccination where the birds are exposed to higher challenges of field viruses.

#### SHELF LIFE

Vaccine when stored at recommended conditions has shelf life of 12 months, which is indicated as an expiry date on the label.

#### STORAGE AND SHIPPING

Vaccine should be stored at +2°C to +8°C in a dark place preferably in the cold room and transported in cold chain system. Do not freeze the vaccine. The pre-chilled vaccine should be transported in thermocol boxes.

#### PRESENTATION

Bottles of 500 ml capacity each containing Newcastle Disease and IBD vaccine of 1000 doses as specified on the vaccine bottle label.

#### WARNINGS

- Consult the Veterinarians / Poultry experts regarding vaccination schedule and use of the vaccine.
- This product should be stored, transported, and administered in accordance with the instructions and directions of the manufacturer.
- Bring the vaccine bottle to room temperature.
- Shake vaccine bottle well before and during use.
- Do not use unsterile vaccination equipment.
- Use entire contents when first opened.
- Chemical disinfectants should not be used for sterilization.
- Always vaccinate the healthy birds and keep the vaccinated birds comfortable by providing adequate heat, feed, water, and good ventilation.
- This vaccine is not recommended for the birds that are clinically sick or severely debilitated or under conditions of severe stress and strain.
- If accidentally injected in to human being urgent medical attention is required.
- Burn and destroy the used containers along with the leftover vaccine.



For further information on the vaccine please contact

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