



# Jovac NDV B1<sup>®</sup>

## Freeze dried live attenuated Newcastle Disease Virus strain B1 Vaccine

Newcastle disease is considered as one of the most important diseases in poultry. Control of the disease can be achieved by live vaccination to prevent against mortality and morbidity and to establish local and systemic immunity.

### COMPOSITION:

Each dose contains a minimum of 10<sup>6.0</sup> EID<sub>50</sub> of freeze dried live attenuated Newcastle Disease Virus (NDV) vaccine prepared from a reference strain B1.

### INDICATIONS:

Jovac NDV B1 is indicated for prevention of Newcastle disease in poultry.

### DOSAGE AND ADMINISTRATION:

#### Vaccination schedule:

- Vaccination at 1 day old.
- 1 dose/bird.

#### Administration:

Intraocular/intranasal route:

- Dissolve the vaccine in physiological saline solution (35 ml).
- Administer one drop of the vaccine using a dropper into one eye or nostril.
- Use the vaccine immediately after reconstitution (within two hours in cool conditions).

Oral route via drinking water:

- Reconstitute the vaccine with cool pure drinking water, free

of antiseptics, and add to it powdered skimmed milk (2 g/L) to stabilize the vaccine's activity.

- The drinking water temperature containing the vaccine must not exceed 15-20 °C.
- It is advisable to deprive birds of water 1-2 hours prior to vaccination.
- The vaccine should be given in the early morning or the cool period on a hot day.
- The vaccine should be diluted in adequate quantity of final drinking water in order be consumed within one to two hours after dissolving the vaccine in water according to age of the birds and climatic conditions as follows:  
1-7 days of age  
Dilute 1000 doses in 5 liters

Aerogenic route by aerosol/spraying.

- Spray the vaccine solution over the birds, at a distance of 30 to 40 cm, using a sprayer producing coarse spraying.
- Close windows, fans and heaters while spraying.
- The recommended amount of distilled water per 1000 doses is as follows:  
1-7 days of age      200 ml

### WITHDRAWAL PERIOD:

Zero days.

### CONTRAINDICATIONS:

Do not vaccinate sick or stressed birds.

### SPECIAL PRECAUTIONS:

- Deprive birds of drinking water 1-2 hours before vaccination.
- Apply usual aseptic procedures.
- Use only clean, antiseptic or disinfectant-free materials for the preparation of the vaccine solution.
- The vaccine should be administered to the birds within 2 hours period after reconstitution.
- Unused opened vaccine containers and waste material should be decontaminated with suitable disinfectants (phenolics, iodophores or formaldehydes) at the recommended concentration.

### STORAGE AND SHELF LIFE:

- Store between +2 °C to +8 °C.
- Protect from sunlight.
- The vaccine remains stable for 2 years from production date stated on the label under the recommended storage conditions.

### PRESENTATION:

Vials of: 1000 doses, 2500 doses and 5000 doses.

### FOR VETERINARY USE ONLY.



Jovac

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