Newcastle disease is considered 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 $10^{6.0} \text{ EID}_{50}$ of freeze dried live attenuated Newcastle Disease Virus vaccine prepared from the reference strain La Sota.

INDICATIONS:
Jovac NDV La Sota is indicated for prevention of Newcastle disease in poultry.

DOSAGE AND ADMINISTRATION:
- Booster vaccination of 2-3 weeks old birds with Jovac NDV La Sota. Birds should receive primary vaccination with Jovac NDV Clone or Jovac NDV B1.
- Endemic areas with Newcastle disease, birds are re-vaccinated every month.

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, adding 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 the 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:
  - 2-3 weeks of age: Dilute 1000 doses in 10 liters
  - 7 weeks of age: Dilute 1000 doses in 20 liters
  - 14 weeks of age and older: Dilute 1000 doses in 40 liters

Aerogenic route by aerosol/spraying:
- Spray the vaccine solution over the birds, at a distance of 30 to 40 cm, using a coarse sprayer.
- Close windows, fans and heaters while spraying.
- The necessary quantity of water (distilled water) per 1000 doses are as follows:
  - 3 weeks of age: 300 ml
  - 4 weeks of age: 400 ml
  - Adult birds: 500 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.
- Unused opened vaccine containers and waste material should be decontaminated with suitable disinfectants (phenolics, idophores or formaldehydes) at the recommended concentration.

STORAGE AND SHELF LIFE:
- Store between +2 °C to +8 °C, in the dark.
- The vaccine remains stable for 2 years from production date stated on the label under the recommended storage conditions.

PRESENTATION:
Vials of: 200 doses, 500 doses, 1000 doses, 2500 doses and 5000 doses.

FOR VETERINARY USE ONLY.

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