FOR ANIMAL TREATMENT ONLY

Nobilis® ILT Vaccine

ACTIVE CONSTITUENT: ≥2.8 log_{10} EID_{50} per dose, ILT Virus (living, attenuated).
Serva strain grown on embryonated eggs.

For the protection of chickens older than 6 weeks against Infectious Laryngotracheitis.

DIRECTIONS FOR USE

Precautions

Nobilis ILT vaccine should not be administered together with other vaccines that have the same target organ (respiratory tract). Interval between such vaccinations should be 14 days. Vaccination may cause a slight transient conjunctivitis or respiratory reaction in some birds.

Dosage and administration

USE ALL PRODUCT WITHIN 2 HOURS OF RECONSTITUTION.

Vaccination program

It is recommended that susceptible chicken egg layers and chicken breeders be vaccinated at 6 weeks and revaccinated at 14-16 weeks of age.

The vaccine may be administered in two ways (eye drop or drinking water).

A) Eye drop

Open the vaccine and OCULONASAL diluent vials. Dilute the vaccine with diluent and shake gently to fully dissolve the freeze-dried vaccine pellet.
Using the dropper bottle supplied, instil one drop (0.03 mL) of diluted vaccine into the eye of the bird. One drop should be applied from a height of a few centimetres into one eye. Always hold the dropper bottle inverted in a vertical position to ensure the correct droplet size and to avoid loss of vaccine. The presence of a non-toxic blue dye in the diluent allows the visual assessment of administration, as the tongue of the bird will be blue for a short time after vaccination.
Use plastic gloves when vaccinating.

B) Drinking water

Preparation

1. Check that all drinkers are working properly. Clean drinkers, header tanks/medication tanks and medication units - do not use detergent or disinfectant.
2. Calculate doses needed. ILT vaccination is administered at 100% rate - therefore each bird must be allocated at least one full dose of vaccine.
3. Deprive the flock of water for 1-2 hours, depending on weather conditions and bird age. In hot weather, deprive for only 1 hour (or not at all).
4. Estimate the quantity of water the flock will drink in 1-2 hours. Use the water intake on the previous day as a guide.
5. Have on hand the correct amount of skim milk powder (4 oz./10 gallons or 2.5 gms per litre of water).

Administration

1. Most watering systems can be adapted so that drinking water administration can be used. The best method is to add vaccine directly into drinkers.
2. Add the estimated amount of water (see number 4 above) into a clean drum. (This drum should be kept for vaccine use only). Add skim milk powder at the rate given in 5 above and dissolve thoroughly - it is best to dissolve in a small quantity of water first. Warm water may be used to dissolve the skim milk powder, but it is essential that this mixture then be cooled before adding to the rest of the water in the drum.
3. Remove vaccine from the freezer or esky, and mix thoroughly into the skim milk

powder suspension holding the vial under the water. Rinse the vaccine vial 2 or 3 times.

4. Distribute this reconstituted vaccine evenly amongst all drinkers throughout the shed, using a watering can or bucket. Continue refilling the drinkers until all the reconstituted vaccine is used. Make sure that water supply to the drinkers remains turned off until all reconstituted vaccine is used up.
5. Medication tanks can be used to administer vaccine, eg. if nipple drinker systems are used in the house.
   (a) Turn off water supply to medication tank and drain the tank until the estimated amount of water (see number 4 above) remains.
   (b) Add skim milk powder at the rate given in 5 above. It is again best to premix the powder as described above, however if warm water is used, make sure this is cooled before adding to the rest of the tank.
   (c) Dissolve the vaccine into the water (cooled if necessary) containing premixed skim milk powder, as described above, then mix thoroughly into the medication tank.
6. Medication units can be used - the basic principles given above must be followed. **NOTE**: If the drinker lines have been used it is essential that they be thoroughly flushed after use, otherwise skim milk powder residues in the drinker lines may remain and cause algal growth or blockages.

General directions
WARNING STATEMENT
Research has shown that ILTV vaccine viruses can recombine to potentially form more virulent strains of ILTV. To minimise the possibility of this happening, ILTV vaccines originating from genetically distinct ILTV strains should not be used concurrently in a flock or on a site. It is essential that all birds within a flock vaccinated against ILTV each receive an effective immunising dose to ensure that there are no naive susceptible birds remaining in the flock. Serology can be used as an indicator of the effectiveness of vaccine administration.

WITHHOLDING PERIODS: Zero (0) days.

TRADE ADVICE
EXPORT SLAUGHTER INTERVAL(ESI): Zero (0) days. Before using this product, confirm the current ESI from Intervet Australia Pty Ltd on 1800 033 461 or the APVMA website (www.apvma.gov.au/residues).

FIRST AID
If poisoning occurs, contact a doctor or Poisons Information Centre. Phone Australia 131126.

DISPOSAL
Any surplus reconstituted vaccine should be destroyed by burning or by boiling. Dispose of vial/container in a designated and appropriately labelled 'biologicals' container.

STORAGE
Store below -18°C (deep freeze). Protect from light.

Warranty
Intervet Australia Pty Limited (IAPL), trading as MSD Animal Health, warrants that this product is of merchantable quality and fit for its intended purpose. IAPL's liability for any loss, including consequential losses or injury caused by act or omission, including negligent acts or omissions, by IAPL or its agent, is limited to replacing or repairing the product at the option of IAPL. If possible, a sample of any product causing concern should be retained or delivered to IAPL within 30 days for a scientific examination.

Intervet Australia Pty Limited
(trading as MSD Animal Health)
91-105 Harpin Street,
Bendigo East VIC 3550
Phone: 1800 033 461

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MSD
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