



Newcastle–Bronchitis Vaccine

B1 Type, B1 Strain, Mass. and Conn. Types, Live Virus

For Veterinary Use Only

Read in full, follow directions carefully.

This vaccine is recommended for mass administration to healthy chickens, as an aid in the prevention of Newcastle disease and of infectious bronchitis, Massachusetts and Connecticut serotypes.

Store this vaccine at not over 45°F (7°C).

Do not vaccinate within 21 days before slaughter.

Use entire contents when vial is first opened.

Burn vaccine container and all unused contents.

For drinking-water or spray administration.

DIRECTIONS

For drinking-water vaccination

This product is recommended for the vaccination of healthy chickens 2 weeks of age or older.

1. Discontinue use of medications or sanitizing agents in the drinking water 24 hours before vaccinating. Do not resume use for 24 hours following vaccination.
2. Water used for the drinking-water administration of a live virus vaccine must be non-chlorinated.
3. Provide enough waterers, so two-thirds of the birds may drink at one time. Scrub waterers with fresh, clean, non-chlorinated water, and use no disinfectant. Let the waterers drain dry.
4. Turn off automatic waterers, so the only available water is the vaccine water. Do not give vaccine water through medication tanks.
5. Withhold water for 2 to 4 hours before vaccinating. Do not deprive the birds of water if the temperature is extremely high.
6. Remove seal from vaccine vial.
7. Remove stopper and half-fill vial with clean, cool, non-chlorinated water.
8. Replace stopper and shake until dissolved.
9. Use a clean container two-thirds filled with cool, clean, non-chlorinated water. Add dried milk at a rate of 12.5 ounces (355 grams) per 25 gallons (95 liters) of the final volume of vaccine solution. Stir the mixture until the dried milk is dissolved.
10. Add the rehydrated vaccine from the vial and again stir the contents thoroughly.
11. Next, add the mixture to the final volume of water, as follows:

Add this amount of vaccine	to this final volume of water	
	for chickens 2 to 8 weeks old	for chickens over 8 weeks old
10,000 doses	25 to 50 gallons (95 to 190 liters)	50 to 100 gallons (190 to 380 liters)

12. Give 1 dose of vaccine per bird.
13. Distribute the final volume of (vaccine) water evenly among the clean waterers. Do not place the waterers in direct sunlight. Resume regular water administration only after all the vaccine water has been consumed.

For spray vaccination

This vaccine may be used for the revaccination healthy chickens 4 weeks of age or older by spraying the vaccine solution above the chickens. A sprayer that delivers a fine mist quickly and evenly is recommended.

1. Remove seal from a vial of vaccine.
2. Remove the stopper and half-fill vial with cool, distilled water.
3. Replace stopper and shake until vaccine is in solution.
4. Pour rehydrated vaccine into a clean container and add approximately 500 mL cool, distilled water per 5000 doses vaccine or 1000 mL cool, distilled water per 10,000 doses vaccine.
5. Apply at the rate of 100 mL rehydrated vaccine per 1,000 birds. For example, 10,000 birds will require 1,000 mL (approx. 1 quart) rehydrated vaccine. Place the vaccine solution in the sprayer canister, set the discharge control at "low" and walk through the house, spraying at the rate of 1,000 birds per minute. Direct the spray above the heads of the birds.
6. Whatever volume of vaccine solution is used in the sprayer, take care to administer 1,000 doses vaccine per 1,000 birds.
7. This spray method of vaccination should be employed in poultry houses where air movement can be reduced to a minimum. Before spraying the vaccine solution, close the house and shut off mechanical ventilation. Maintain these conditions both during spraying and for 20 minutes afterwards.
8. Wear goggles and a face mask while spraying.
9. Any sprayer used for application of a live virus vaccine should be used for no other purpose.

PRECAUTIONS

If possible, vaccinate all susceptible birds on the premises at the same time. For 10 to 14 days after vaccinating, avoid carrying vaccine particles on shoes, clothing, etc., into areas where there are unvaccinated birds.

Newcastle Disease Vaccine virus is capable of causing a mild, irritating eye infection in humans, lasting about 3 days. Do not allow vaccine to contact the eyes.

Contains gentamicin as a preservative.

CAUTION

This product should be stored, transported, and administered in accordance with the instructions and directions.

The use of this vaccine is subject to state laws, wherever applicable.

RECORDS

Keep a record of vaccine serial number and expiration date; date of receipt and date of vaccination; where vaccination takes place; and any reactions observed.

THIS PRODUCT IS NONRETURNABLE.

List No. 1510885000: 10 x 10,000 Doses

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