

Newcastle Disease Vaccine

B1 Type, B1 Strain, Live Virus

List No. 1510842000: 10 x 1,000 Doses

List No. 1510844000: 10 x 2,500 Doses

List No. 1510846PFE: 10 x 5,000 Doses

List No. 1510848000: 10 x 10,000 Doses

Newcastle Disease Vaccine

B1 Type, LaSota Strain, Live Virus

List No. 1510852000: 10 x 1,000 Doses

List No. 1510854000: 10 x 2,500 Doses

List No. 1510855000: 10 x 5,000 Doses

For veterinary use only.

Read in full, follow directions carefully.

Store in the dark at 2° to 7°C (35° to 45°F).

Do not vaccinate within 21 days before slaughter.

Use entire contents of vial when first opened.

Burn vaccine container and all unused contents.

For intranasal, intraocular, drinking-water or spray administration.

DIRECTIONS

For intranasal or intraocular vaccination (1,000 dose bottles only)

These Newcastle Disease Vaccines accompanied by diluent are recommended for the vaccination of healthy chickens one day of age or older.

1. Rehydrate 1 vial of vaccine with 1 vial of diluent.
2. Remove seal and stopper from vaccine and diluent vials. Avoid contamination of stoppers and contents.
3. Add diluent to half-fill the vaccine vial. Replace stopper and shake until contents are dissolved.
4. Pour the rehydrated vaccine into the diluent container. Replace stopper and shake.
5. Remove stopper and fit drop-dispenser tip into diluent container.
6. To vaccinate intranasally, place finger over one of the bird's nostrils and place 1 drop of vaccine in the other nostril. Do not release bird until vaccine has been inhaled.
7. To vaccinate intraocularly, place 1 drop of vaccine in the eye.

For drinking-water vaccination

These Newcastle Disease Vaccines are 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 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 skim milk at a rate of _____	per _____ of the final volume of vaccine solution
1,000 Doses	1 ounce (28.4 grams)	2.5 gallons (9.5 liters)
2,500 Doses	3.1 ounces (89 grams)	6.25 gallons (24 liters)
5,000 Doses	10 ounces (142 grams)	12.5 gallons (47.5 liters)
10,000 Doses	12.5 ounces (355 grams)	25 gallons (95 liters)

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
1,000 Doses	2.5 to 5 gallons (9.5 to 19 liters)	5 to 10 gallons (19.0 to 38 liters)
2,500 Doses	6.25 to 12.5 gallons (24 to 48 liters)	12.5 to 25 gallons (48 to 95 liters)
5,000 Doses	12.5 to 25 gallons (48 to 95 liters)	25 to 50 gallons (95 to 190 liters)
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

These Newcastle Disease Vaccines may be used for the revaccination of healthy chickens 4 weeks of age or older by spraying the vaccine solution above the chickens. A sprayer that delivers a coarse spray 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 cool, distilled water per chart below and shake thoroughly.

Doses of rehydrated vaccine	Volume of cool, distilled water
1,000 Doses	100 mL
2,500 Doses	250 mL
5,000 Doses	500 mL
10,000 Doses	1,000 mL

5. Apply at the rate of 100 mL rehydrated vaccine per 1,000 doses as outlined below:

Volume of rehydrated vaccine	Number of doses to be administered
100 mL	1,000 Doses
250 mL	2,500 Doses
500 mL	5,000 Doses
1,000 mL	10,000 Doses

6. 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.
7. Whatever volume of vaccine solution is used in the sprayer, take care to administer 1 dose per bird. See chart below:

Number of doses of vaccine	Will vaccinate this number of birds
1,000 Doses	1,000 birds
2,500 Doses	2,500 birds
5,000 Doses	5,000 birds
10,000 Doses	10,000 birds

8. 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.
9. Wear goggles and a face mask while spraying.
10. 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 VACCINE IS NONRETURNABLE.

U.S. Vet. License No. 190

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