

NEWHATCH-C2-MC[®]

Newcastle – Bronchitis Vaccine

(B₁ Type, C2 Strain, Massachusetts and Connecticut Types, Live Virus)

For the vaccination of healthy chickens at 1 day of age or older by coarse spray for protection against Newcastle disease (ND) and Massachusetts and Connecticut types infectious bronchitis (IB).

ADVANTAGES:

- C2 strain of B₁ type ND minimizes reaction to 1 day of age respiratory vaccination in broiler chicks
- Newhatch-C2-MC[®] eliminates problems with lingering hatchery reaction prior to field boost
- Safe to use for hatchery application



Newhatch-C2-MC[®] combines the patented, virtually nonreactive C2 strain of B₁ type ND virus with IB protection provided by mild Massachusetts and Connecticut types of IB. It is a lyophilized vaccine approved for spray vaccination of chickens 1 day of age or older for protection against Newcastle disease and Massachusetts and Connecticut types IB disease.

10 x 10,000 doses

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For Animal Use Only.

Description

Newhatch-C2-MC[®], a live virus vaccine, is prepared from a B₁ type, C2 strain of Newcastle disease virus and the mild Massachusetts and Connecticut types of infectious bronchitis (IB) virus. The viruses have been propagated using specific-pathogen-free (SPF) substrates.

Indications for Use

The vaccine is recommended for vaccination of healthy chickens, 1 day of age or older for protection against Newcastle disease and Massachusetts and Connecticut types of IB disease by coarse spray administration.

Vaccination Programs

Many factors must be considered in determining a sound vaccination program for a particular farm or poultry complex. To be fully effective, the vaccine must be administered properly to healthy, receptive chickens maintained in a proper environment under good management. In addition, the response may be influenced by the age of the chickens and their immune status. Seldom does 1 live virus vaccination under field conditions produce lifetime protection for all individuals in a given flock. The level of immunity required will vary with operational practices and the degree of exposure. Therefore, a program of periodic revaccinations may be necessary.

Preparation of Vaccine

FOR COARSE SPRAY

DO NOT OPEN AND MIX THE VACCINE UNTIL READY TO BEGIN VACCINATION. USE VACCINE IMMEDIATELY AFTER MIXING.

1. Remove the tear-off seal and stopper from the vial containing the dried vaccine.
2. Carefully pour clean, cool, deionized water into the vaccine vial until the vial is approximately 2/3 full.
3. Insert the rubber stopper and shake vigorously until all material is dissolved.
4. The vaccine is now ready for coarse spray use in accordance with the following directions. For best results, be sure to follow directions carefully!

Coarse Spray Administration

FOR CHICKENS 1 DAY OF AGE

1. Use rehydrated vaccine as indicated for specific coarse spray vaccination machine. For example, a machine which dispenses 20 ml to a box of 100 chickens – total volume for 10,000 doses is 2,000 ml of deionized water. Mix thoroughly.
2. Add the prepared vaccine solution to reservoir on the machine.
3. Prime and adjust machine as instructed in manual accompanying the specific machine.
4. Place boxes holding 100 chickens each on the conveyor belt or in machine. Activate spray head.

Caution

1. VACCINATE ONLY HEALTHY CHICKENS. Although disease may not be evident, coccidiosis, *Mycoplasma* infection, infectious bursal disease, chicken infectious anemia, reovirus infection, Marek's disease and other disease conditions may cause complications or reduce immunity.
2. All susceptible chickens on the same premises should be vaccinated at the same time.
3. The revaccination of laying hens with live Newcastle/bronchitis vaccine may be detrimental to the flock and cannot be generally recommended. This caution applies to all live Newcastle/bronchitis vaccines currently available. Consult your Merck representative for more information.
4. Efforts should be taken to reduce stress conditions at the time of vaccination and during the reaction period.
5. Do not spill or splash the vaccine.
6. Do not dilute the vaccine or otherwise stretch the dosage.
7. Use entire contents when first opened.
8. Do not vaccinate within 21 days before slaughter.
9. Burn containers and all unused contents.
10. Avoid exposure of this vaccine to sunlight.
11. Do not use less than 1 dose per bird.
12. This vaccine contains gentamicin as a preservative.
13. WARNING: Newcastle virus occasionally causes conjunctivitis in humans. Avoid any contact of vaccine with eyes.

Notice

This vaccine has undergone rigid potency, safety and purity tests and meets Merck Animal Health and USDA requirements. It is designed to stimulate effective immunity when used as directed, but the user must be advised that the response to the product depends upon many factors, including, but not limited to, conditions of storage and handling by the user, administration of the vaccine, health and responsiveness of individual chickens and the degree of field exposure. Therefore, directions should be followed carefully.

This product is not hazardous when used according to directions supplied. A safety data sheet (SDS) is available upon request. This and any other consumer information can be obtained by calling Merck Animal Health Customer Service at 1-800-211-3573.

Records

Keep a record of vaccine, quantity, serial number, expiration date and place of purchase; the date and time of vaccination; the number, age, breed and locations of chickens; names of operators performing the vaccination and any observed reactions.

STORE VACCINE BETWEEN 2° AND 7°C (35° and 45°F).

Contact our sales or technical services representatives to help design a custom vaccination program.