

MILDVAC[®]-MASS+CONN

Bronchitis Vaccine

(Mild Massachusetts and Connecticut Type, Live Virus)

For the vaccination of healthy chickens by coarse spray at 1 day of age or older or by drinking water at 2 weeks of age or older as an aid in the prevention of disease due to the Massachusetts and Connecticut type infectious bronchitis (IB) viruses.

ADVANTAGES:

- Mild reactions for minimal stress
- Reduces production losses and performance setbacks
- Two strains combined provide excellent cross protection; saves time in mixing



Mildvac[®]-Mass+Conn is a lyophilized vaccine for the protection of chickens against the Massachusetts and Connecticut type IB viruses.

10 x 20,000 doses



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Bronchitis Vaccine

(Mild Massachusetts and Connecticut Type, Live Virus)



For Animal Use Only.

Description

MILDVAC®-MASS+CONN is a live virus vaccine prepared from 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

MILDVAC-MASS+CONN is for the vaccination of healthy chickens by coarse spray at 1 day of age or older or by drinking water at 2 weeks of age or older as an aid in the prevention of disease due to the Massachusetts and Connecticut types of infectious bronchitis viruses.

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 birds maintained in a proper environment under good management. In addition, the response may be influenced by the age of the birds 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 DRINKING WATER OR COARSE SPRAY USE

DO NOT OPEN AND MIX THE VACCINE UNTIL READY TO BEGIN VACCINATION. USE VACCINE IMMEDIATELY AFTER MIXING AND OPEN ONLY ENOUGH VIALS TO VACCINATE 1 HOUSE AT A TIME.

1. Tear-off the seal(s) and remove the rubber stopper(s) from the vaccine vial(s).
2. Carefully pour clean, cool, non-chlorinated 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 drinking water or coarse spray use in accordance with the directions below. For best results, be sure to follow directions carefully!

Drinking Water Administration

FOR CHICKENS 2 WEEKS OF AGE OR OLDER

1. Do not use any disinfectants in the drinking water for 48 hours before vaccinating and 24 hours after vaccination.
2. Withhold the water from the chickens until they are thirsty. 1 to 2 hours is generally sufficient, but withholding periods will vary according to age of chickens and weather conditions.
3. Flush water lines thoroughly with fresh, clean water. Do not use disinfectants for cleaning waterers.
4. Mix rehydrated vaccine with clean, cool, non-chlorinated water in accordance with the following chart.

Age of Chickens	Water for 1,000 Doses	Water for 10,000 Doses
2-4 weeks	2.5 gal (9.5 liters)	25 gal (95 liters)
4-8 weeks	5 gal (19 liters)	50 gal (190 liters)
Over 8 weeks	10 gal (38 liters)	100 gal (380 liters)

5. As an aid in preserving the virus, 3.2 ounces (100 gm) of non-fat powdered milk may be added to each 10 gallons (38 liters) of water used for mixing vaccine.
6. Add the dried milk first and agitate thoroughly. Then add the rehydrated vaccine from the vial and mix thoroughly.

7. Distribute the vaccine solution, as prepared above, in the waterers provided for the chickens. Avoid placing waterers in direct sunlight.
8. Provide no other drinking water until all the vaccine-water solution has been consumed.

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 7 ml to a box of 100 chickens would require a volume of 70 ml of non-chlorinated water for 1,000 doses. 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 conveyer belt or in machine and activate spray head.

Coarse Spray Administration FOR CHICKENS 2 DAYS OF AGE OR OLDER

1. Add distilled water to sprayer tank according to manufacturer's directions regarding water volume.
2. Put the reconstituted vaccine in the sprayer tank and mix thoroughly.
3. Do not use any disinfectants or skim milk in sprayer.
4. Use sprayer only for administration of vaccine.
5. Spray vaccination method should be done only in houses that can be closed tightly. Close all windows, doors, ventilators, and shut off all fans while spray vaccinating.
6. Spray the vaccine directly on birds.
7. Spray chickens by walking slowly through the house.
8. Individual(s) spraying chickens should wear face mask and goggles.
9. After spraying, turn the fans back on. BE CAREFUL IN HOT WEATHER.

Caution

1. VACCINATE ONLY HEALTHY CHICKENS. Although disease may not be evident, 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 against bronchitis may be detrimental to the flock and cannot be generally recommended. In some areas where IB is a severe continuing problem, the local pathologists are recommending revaccination of the laying hens for bronchitis at specified intervals. If used, such recommendations should be strictly followed. A delay in revaccination may result in some layers becoming susceptible to bronchitis. If these hens are exposed to the virus they can experience a disturbance in egg production.
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.

Drinking Water or Coarse Spray Use.

Contains gentamicin as a preservative.

Notice

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.