

# MILDVAC-GA-98<sup>®</sup>

Bronchitis Vaccine

(Georgia Type, Live Virus)

For the vaccination of healthy chickens at 1 day of age or older for protection against Georgia type infectious bronchitis (IB).

## ADVANTAGES:

- Mild reaction. Safe for use in chicks at 1 day of age
- Protection against Georgia type infectious bronchitis
- Cross protection against Delaware type infectious bronchitis
- Monovalent vaccine can be tailored to numerous vaccination programs
- GA-98 strain of Georgia type IB selected for its low reactivity and high immunogenicity



**Mildvac-GA-98<sup>®</sup>** is a mild-reacting lyophilized vaccine for the protection of chickens against the Georgia type IB. It is approved for spray vaccination of chickens 1 day of age or older.

10 x 10,000 doses



# MILDVAC-GA-98<sup>®</sup>

Bronchitis Vaccine

(Georgia Type, Live Virus)



For Animal Use Only.

## Description

Mildvac-GA-98<sup>®</sup> is a live virus vaccine prepared from the Georgia type, GA-98 strain, of infectious bronchitis (IB) virus. The virus has been propagated using specific-pathogen-free (SPF) substrates.

## Indications for Use

Mildvac-GA-98 is indicated for the vaccination of healthy chickens 1 day of age or older as an aid in the prevention of infection due to the Georgia type IB virus by coarse spray administration. The most satisfactory vaccination schedule may vary from one area to another, depending on incidence of disease, parental antibodies, and other management considerations.

## 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 revaccination may be necessary.

## Preparation of Vaccine

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

1. Tear off the aluminum seal(s) and carefully remove the rubber stopper(s) from the vaccine vial(s).
2. Carefully pour cool, non-chlorinated water into the vaccine vial until the vial is approximately 3/4 full.
3. Insert the rubber stopper and shake vigorously until all material is dissolved.
4. The vaccine is now ready for coarse spray application in accordance with the directions below.

## 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 that dispenses 7 ml to a box of 100 chickens would require a volume to 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 on the conveyor belt or in machine and activate spray head.

## Coarse Spray Administration

### FOR CHICKENS OLDER THAN 1 DAY

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 on the same day.
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 poultry 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.
10. This vaccine contains gentamicin as a preservative.

## 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 the 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 location 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.*