

BREEDERVAC REO-PLUS®

Bursal Disease-Reovirus Vaccine

(Standard and Variant, Killed Virus)

For the vaccination of healthy chickens 3 weeks of age or older against infectious bursal disease (IBD) (caused by Standard, Delaware A and E and GLS virus strains) and diseases caused by avian reoviruses.

ADVANTAGES:

- Contains a broad range of inactivated standard and bursal-derived variant IBD virus and reovirus strains:
 - Induces high, uniform antibodies against IBD and reovirus throughout the entire production cycle
 - Induces enhanced protection against Delaware variant IBD virus with bursal-derived antigen
 - Provides excellent protection against reovirus associated disease (including tenosynovitis and malabsorption)



Breedervac Reo-Plus® is an inactivated oil adjuvant emulsion vaccine for use in breeder pullets for the control of IBD virus and reovirus infections. It provides broad-spectrum protection for IBD and reovirus. It is approved for subcutaneous and intramuscular injection.

1 x 1,000 doses

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For Animal Use Only.

Description

Breedervac Reo-Plus® is prepared using specific-pathogen-free (SPF) or approved substrates and contains Standard, GLS, and Delaware (A and E) strains of infectious bursal disease (IBD) virus, and 2 strains of avian reovirus (1733 and 2408) inactivated and suspended in the aqueous phase of an oil adjuvant emulsion.

Indications for Use

Breedervac Reo-Plus is indicated for the vaccination of breeder replacement chickens against IBD (Standard, Delaware and GLS variants) and disease caused by avian reoviruses. The IBD fraction is used primarily for early protection of progeny with maternal antibodies, and the reovirus fraction is used to protect the breeder hen against tenosynovitis and the progeny against malabsorption.

Chickens should be in good health when vaccinated. Sick or weak chickens will not develop adequate immunity. The use of any inactivated vaccine may cause false positive results on *Mycoplasma* plate tests. Avoid *Mycoplasma* testing prior to 10 weeks post vaccination.

Dosage and Administration

Allow the vaccine to reach ambient temperature, 16-27°C (60-80°F), before use and shake vigorously before and periodically during use. Inject 0.5 ml intramuscularly or subcutaneously in chickens at least 3 weeks old, using an 18-gauge x 1/2" or 1/4" needle.

Vaccination Programs

Although this vaccine can be used for primary vaccination at 3 weeks of age or older, available evidence suggests that the best protection is obtained when it is used for revaccination of chickens previously immunized (primed) with the same type of live virus vaccines. Do not administer this vaccine during the critical egg laying period from onset until after peak production.

Examples: Breeder chickens.

Primary vaccination with modified live mild avian reovirus vaccine prior to 12 weeks of age.

Primary vaccination with live bursal disease vaccine prior to 12 weeks of age.

These primary vaccinations would then be followed by vaccination with Breedervac Reo-Plus, at 16-22 weeks of age. A minimum of 4 weeks should elapse between the last live virus priming and injection with Breedervac Reo-Plus. Local conditions must be taken into consideration and, where necessary, veterinary advice should be sought.

Precautions and Warnings

1. TO AVOID HUMAN INJECTION, EXTREME CAUTION SHOULD BE USED WHEN INJECTING ANY OIL EMULSION VACCINE. ACCIDENTAL HUMAN INJECTION MAY CAUSE SERIOUS LOCAL REACTIONS. CONTACT A PHYSICIAN IMMEDIATELY IF ACCIDENTAL HUMAN INJECTION OCCURS.
2. If it is desired to vaccinate birds during lay, a drop in egg production may occur.
3. Do not administer this vaccine during the critical egg laying period from onset until after peak production.
4. Vaccinate market chickens by subcutaneous route only.
5. Injection of inactivated vaccine into breast muscle may create processing plant problems under certain conditions.
6. Do not vaccinate chickens within 42 days before slaughter.
7. Do not mix this vaccine with any other substances.
8. Use entire contents when first opened.
9. Ensure that vaccination equipment is clean and sterile before use.
10. Do not use vaccination equipment with rubber parts, as the oil emulsion may attack certain types of rubber.

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, 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). DO NOT FREEZE.

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