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COCCIVAC®-D

Schering-Plough

Coccidiosis Vaccine, Live Oocysts

U.S. Vet. Lic. No.: 226

Contents: COCCIVAC®-D contains live oocysts of *Eimeria tenella, E. mivati, E. acervulina, E. maxima, E. brunetti, E. hagani, E. necatrix,* and *E. praecox*.

Indications: COCCIVAC®-D is recommended as an aid in the prevention of coccidiosis caused by 8 species of coccidia: *E. tenella, E. mivati, E. acervulina, E. maxima, E. brunetti, E. hagani, E. necatrix,* and *E. praec*ox. This vaccine should be administered in accordance with directions below.

Dosage and Administration: Feed Spray Administration:

- 1. Do not use any medicated drinking water or water disinfectant 24 hours before and after vaccination or during vaccination.
- 2. Feed sprinkled on paper under the feed line increases the exposure of chicks to the vaccine.
- 3. Dilute the vaccine at a ratio of 1000 doses/400 mL of non-chlorinated water. Mix well and place in a clean garden type pressure sprayer.
- 4. Spray the diluted vaccine over the surface of the feed. Agitate the sprayer during administration.
- 5. For best results, the vaccine should be sprayed on all of the feed.
- 6. Avoid wetting the feed. Proper application will only dampen the surface of the feed.
- 7. Allow the chicks sufficient time to ingest the oocysts on the feed before placing more feed in the pans or on the paper.

Spray Cabinet Administration: For vaccination of chicks at one day of age.

- 1. Use diluted vaccine as directed for each coarse spray vaccinating machine.

 When using an SPAH-spray cabinet we recommend diluting 1000 doses of vaccine to 210 mL.
- 2. Add the vaccine solution to pressure reservoir of the spray apparatus. Red dye may be added as a marker.
- 3. Prime and adjust the machine as indicated on the machine operating instructions.
- 4. Place boxes holding 100 chickens each on the conveyor belt or in machine. Activate the spray head.
- 5. Using an SPAH machine, each box of 100 chicks receives 21 mL of vaccine solution.

Using Medicated Feeds and COCCIVAC®: COCCIVAC® vaccine is not ordinarily recommended for use on chicks receiving a feed containing a coccidiostat or high levels of antibiotic. After vaccination, it may become necessary to use high levels of drugs for treatment of disease conditions other than coccidiosis. If such drugs, with coccidiostatic activity, are used during the first or second week after vaccination with COCCIVAC® vaccine, revaccination with COCCIVAC® vaccine is recommended.

The capacity of this vaccine to produce satisfactory results depends on 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 degree of field exposure. Therefore, directions for use should be followed carefully.

Precaution(s): Use entire contents of each vial when first opened. Store vaccine in refrigerator under 45°F (7°C).

Do not freeze. Burn container and all unused contents.

Caution(s): Only vaccinate healthy chicks.

Administer by spray cabinet at one day of age or spray on the feed at 4 days of age.

Chicks may be started on paper, but it should be removed and chicks should be on litter by the 4th day post-vaccination. Chicks must have access to their droppings as reinfection is required to give immunity.

Chicks raised in batteries or on wire, cannot be effectively immunized by COCCIVAC®. Chicks started in batteries, or on wire can be effectively immunized if they are placed on litter not later than the 4th day after vaccination.

Moisture is necessary for oocysts to sporulate. If litter conditions are extremely dry during the immunization period, sprinkling or spraying the litter (to slightly damp) with water is recommended.

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If there is a noticeable reaction from COCCIVAC® vaccine, it usually occurs between the 12th and 14th days after vaccination. Do not treat coccidiosis unless mortality or severe morbidity is directly attributable to coccidiosis. When positive diagnosis is made, treat with amprolium in the drinking water. Treatment for 48 hours using the manufacturers lowest recommended level, will usually be adequate. Notice: All Schering Plough Animal Health Corp. vaccines released for sale meet the requirements of the licensing authority (U.S. Department of Agriculture) in regard to safety, purity, potency and the capacity to immunize normal, susceptible chickens. Federal regulations prohibit the repackaging or sale of the contents of the carton in fractional units. Do not accept if seal is broken.

Warning(s): Do not vaccinate within 21 days before slaughter.

0116R9 / 0170R5

Presentation: 10 x 1,000 dose (NDC-0318-5102-01) and 10 x 5,000 dose (NDC-0318-5102-02) vials.

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