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# ERYSIPELOTHRIX RHUSIOPATHIAE VACCINE

Avirulent Live Culture

## ARKO ERY VAC FD

Drinking water vaccination for healthy turkeys. Store this vaccine at 35-46° F (2-8° C). Do not vaccinate within 21 days before slaughter. Use entire contents when first opened. Burn vaccine container and all unused contents. Protect from sunlight.

ARKO ERY VAC FD is recommended for use in healthy turkeys to reduce losses due to erysipelas.

### THE DISEASE

Erysipelas is a contagious, widely distributed disease occurring as a septicemia with a sudden onset. Acute erysipelas is particularly common in turkeys resulting in high morbidity and mortality.

### THE VACCINE

ARKO ERY VAC FD has been shown to be effective for the vaccination of healthy turkeys 8 weeks of age or older against Erysipelas. The duration of immunity has not been determined for this product. For more information regarding efficacy and safety data, see [productdata.aphis.usda.gov](http://productdata.aphis.usda.gov).

### THE USE

The vaccine is recommended for oral immunization of healthy turkeys. This is a two dose vaccine. The first dose should be given at 8 weeks of age. The second dose should be given at 10-11 weeks of age. Subsequent revaccinations may be given every 3 weeks thereafter as needed. Turkeys must be healthy and free from any outside stresses at the time of vaccination. ARKO ERY VAC FD will provide a successful vaccination, but the immune response in the birds also depends on administration techniques, previous exposure to immunosuppressing agents and environment. Pre-vaccination exposure to field Coryza, Newcastle, Hemorrhagic Enteritis and other diseases can influence the birds ability to respond to vaccination.

### ADMINISTRATION AND DOSAGE

The first dose of vaccine should be administered in the drinking water at 8 weeks of age. A repeat vaccination should be given 2-3 weeks following the initial vaccination. The need for annual booster vaccinations has not been established for this product; consulting with a veterinarian is recommended.

- 1) Medications and disinfecting products in the drinking water are not compatible with ARKO ERY VAC FD. Discontinue their use at least 3 days before vaccination and do not resume their use for 3 days after vaccination.
- 2) Do not use chlorinated water for vaccination. Scrub and clean all waterers before vaccination with non-chlorinated water.
- 3) Flush the water lines with one pound of powdered milk per 100 gallons of water prior to vaccinating to protect the vaccine and prevent possible inactivation from chlorine.
- 4) Rehydrate the vaccine just prior to use. Remove the aluminum seal and the stopper. Rehydrate the vaccine with water. Milk diluent can be made by adding powdered milk to cool, clean, non-chlorinated water at a rate of 1 teaspoon per gallon. After reconstitution, reseal the stopper and shake to thoroughly dissolve the vaccine. Do not mix the vaccine into the drinking water until just before vaccination.
- 5) The vaccine is to be used at a rate of 1 vial of vaccine for every 1000 birds. Generally water may be withheld up to 2 hours prior to vaccinating to assure all the turkeys will drink. The vaccine should be administered in an amount of drinking water (milk added) that would be consumed by thirsty turkeys in approximately 6 hours. Provide ample water space so all turkeys can drink easily.
- 6) Daily water consumption for each flock needs to be determined just prior to vaccination. Water consumption is affected by weather, management conditions and the age of the birds. When specific water consumption information is not available, please refer to a reference table. The following table will serve as a general guideline to determine the amount of water to be used with the vaccine if more specific information is not available.
- 7) Do not mix with other products except as specified on this label.

### PRODUCT SAFETY

The vaccine will produce effective immunity. It has passed purity, safety, potency and efficacy tests meeting all the requirements set forth by ARKO Laboratories Ltd. and the USDA.

### WATER CONSUMPTION PER 1000 DOSES

AGE IN WEEKS	Gallons of water consumed by 1000 turkeys per day: average temperatures
8	95
9	115
10	125
12	150
15	165

The response to the product, the stimulation of antibodies within the turkey and the resultant level of immunity may be affected by other factors: management conditions, concurrent infections and stress levels at vaccination. Vaccinate only healthy birds. Do not vaccinate in the face of a challenge due to erysipelas or any other disease. Vaccination during a challenge can cause complications and reduce immunity. Do not use this vaccine within 2 weeks on either side of a vaccination with live Newcastle virus vaccine. Discontinue all medications and antibiotics 3 days prior to vaccination. Resume medications 3 days post vaccinating if needed.

Use only proper hygiene when handling the vaccine. Burn all containers and unused portions of vaccine. Clean any spills with disinfectants. Keep the vaccine away from open wounds. Wear gloves if necessary. Consult a physician if contamination occurs. Wash hands thoroughly after using the vaccine.

### CAUTION

It is advised to record the vaccine serial number, the expiration date, the date of vaccination and any reactions observed. This product should be stored, transported, and administered in accordance with the instructions and directions.



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