

**READ FULL DIRECTIONS CAREFULLY**

# **BORDETELLA AVIUM VACCINE**

Avirulent Live Culture

**SNICK GUARD**

**INDICATIONS :** ARKO SNICK GUARD is an Avirulent Live Bordetella avium Vaccine recommended as an aid in the prevention of Bordetellosis of turkeys. The product is a two dose vaccine given in the drinking water at 10 and 24 days of age.

## **DRINKING WATER ADMINISTRATION**

1. Medications and disinfecting products in the drinking water are not compatible with SNICK GUARD. Discontinue their use at least 3 days before vaccinating and do not resume their use for 3 days following vaccination.
2. Use clean, cool, nonchlorinated water in accordance with the mixing information. Skim milk or an oral vaccine stabilizer should be used in the water line to remove traces of antibacterial agents. Skim milk can be used at 2 cups per gallon of stock solution. Commercial stabilizers should be used according to the directions.
3. Rehydrate the vaccine just prior to administration. . Remove the aluminum seal and the stopper. Rehydrate the vaccine with water to a level of 20 mLs.. After reconstitution reseal the stopper and shake to thoroughly dissolve the vaccine.
4. Dosage is based on the number of turkeys. Use at least one dose of vaccine per turkey being vaccinated. Add the vaccine to the calculated amount of drinking water per 1000 birds and administer immediately. Generally water may be withheld a short time prior to vaccinating to encourage the turkeys to drink. Emptying the water lines prior to vaccination also assures of providing a full dose of vaccine to the waterers on the end of the water line. The vaccine should be administered orally in an amount of drinking water that would be consumed by thirsty turkeys in approximately 4- 6 hours. Make sure all

the vaccine is consumed by the turkeys. Provide ample water space so that all the turkeys can drink easily.

- Daily water consumption for each vaccination needs to be determined just prior to use. Water consumption is affected by weather, management conditions and the age of the turkeys. When specific water consumption information is not available, please refer to a reference table. The following tables will serve as a guideline to determine the amount of water to be used with the vaccine if more specific information is not available.

#### Average Daily Water Consumption — 1000 Turkey/day

<u>Age of Animal</u>	<u>US Gallons</u>	<u>Liters</u>
10 Days	35	140
24 Days	90	360

#### Approximate amount of water to use with the vaccine for 1000 birds.

<u>Age of animals</u>	<u>US Gallons</u>	<u>Liters</u>
10 days	8	30
24 days	12	45

**PRECAUTIONS :** Store this vaccine at not over 45 F (7 C). Use the entire contents when first opened. Burn this container and all unused contents. Chlorine or other antimicrobial agents, if present in the vaccine water, may inactivate the vaccine. Use only proper hygiene when handling the vaccine. Clean any spills with disinfectants. Keep the vaccine away from open wounds. Wear gloves if necessary. Consult a physician if contamination occurs. Wash the hands thoroughly after using the vaccine. Do not vaccinate within 21 days of slaughter.

**ARKO LABORATORIES, LTD.**



Jewell, Iowa 50130  
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