

ERYSIPELOTHRIX RHUSIOPATHIAE VACCINE

Avirulent Live Culture

ERY VAC 100
ERY VAC 500

INDICATIONS : ARKO ERY VAC is an Avirulent Live Erysipelas Vaccine for use in healthy susceptible swine eight weeks of age or older as an aid in the prevention of disease caused by Erysipelothrix rhusiopathiae. This product may be administered either orally to individual pigs or in the drinking water.

INDIVIDUAL ADMINISTRATION

1. Individual administration assures that each pig receives a proper dose of vaccine. The vaccine is to be used at a rate of 1 dose of vaccine for each pig.
2. Ery Vac 100 - 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. Combine with 25 oz. of water and promptly administer ¼ ounce orally per pig.
3. Ery Vac 500 - 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. Combine with 125 oz. of water and promptly administer ¼ ounce orally per pig.

DRINKING WATER ADMINISTRATION - ERY VAC 100

1. Medications and disinfecting products in the drinking water are not compatible with ERY VAC. 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 pigs. Use at least one dose of vaccine per pig being vaccinated. Ery Vac 100 is to be used at a rate of 1 vial of vaccine for every 100 pigs. Add the vaccine to the calculated amount of drinking water and administer immediately. Generally water may be withheld a short time prior to vaccinating to encourage the pigs 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 pigs in approximately 6 - 8 hours. Make sure all the vaccine is consumed by the pigs. Provide ample water space so that all the pigs can drink easily.
5. 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 pigs. When specific water consumption information is not available, please refer to a reference table. The following table 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 - Swine

<u>Weight of Animal</u>	<u>Liters/Pig/Day</u>	<u>Gallons/Pig/Day</u>
40 lbs.	4	1

<u>40 lb. Pigs</u>	<u>Vials of Vaccine</u>	<u>6 - 8 Hour Water Consumption</u>
100	1	50 gal.
200	2	100 gal.
300	3	150 gal.
400	4	200 gal.
500	5	250 gal.

DRINKING WATER ADMINISTRATION - ERY VAC 500

1. Medications and disinfecting products in the drinking water are not compatible with ERY VAC. 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 pigs. Use at least one dose of vaccine per pig being vaccinated. Ery Vac 500 is to be used at a rate of 1 vial of vaccine for every 500 pigs. Add the vaccine to the calculated amount of drinking water and administer immediately. Generally water may be withheld a short time prior to vaccinating to encourage the pigs 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 pigs in approximately 6 - 8 hours. Make sure all the vaccine is consumed by the pigs. Provide ample water space so that all the pigs can drink easily.
5. 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 pigs. When specific water consumption information is not available, please refer to a reference table. The following table 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 - Swine

<u>Weight of Animal</u>	<u>Liters/Pig/Day</u>	<u>Gallons/Pig/Day</u>
40 lbs.	4	1

<u>40 lb. Pigs</u>	<u>Vials of Vaccine</u>	<u>6 - 8 Hour Water Consumption</u>
500	1	250 gal.
1000	2	500 gal.
1500	3	750 gal.
2000	4	1000 gal.
2500	5	1250 gal.

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.

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