

CHLAMYDIA PSITTACI BACTERIN

Colorado Serum
Bacterin

Chlamydia psittaci Bacterin

Active Ingredient(s): An aqueous suspension of inactivated cultures of Chlamydia psittaci emulsified with a mineral oil adjuvant.

Contains thimerosal as a preservative.

Contains permitted levels of penicillin and streptomycin.

The bacterin is produced from cultures of chlamydia psittaci, a filterable bacteria of the psitticosis-lymphogranuloma-trachoma group of micro-organisms that cause enzootic abortion of ewes. The cultures are formalin killed.

Indications: For use in vaccinating healthy ewes to aid in the control of ovine enzootic abortion.

Dosage and Administration: When to Vaccinate: Two (2) doses are recommended. Administer the first dose at least 60 days before ewes are exposed to rams. The second dose should be administered 30 days later. Revaccinate annually.

Each of the two (2) doses should be 2 mL administered subcutaneously. Injections should be made on top of the neck about four (4) inches from the ear. If small nodules should then appear these will be of little consequence in breeding flocks and will be even less objectionable in the event that an occasional animal must be culled from the flock and sold.

Precaution(s): Store in the dark at 2–7°C. Do not freeze.

Sterile needles and syringes by boiling in clean water.

All biological products should be stored in the refrigerator. Because the product is an emulsion, which is difficult to use when cold, it is suggested that the product be removed from storage 10–12 hours before use so that it will warm slightly. Do not expose to excessive heat or to long periods at room temperature.

Shake the product thoroughly to resuspend any micro-organisms that may have precipitated.

Handling of the product, filling of syringes, etc., should be done as aseptically as possible. Great care has been taken to ensure the purity of the preparation at the time of release for marketing. Reasonable precautions should be taken in the field to maintain this condition.

CAUTION(s): Anaphylactic reactions sometimes follow administration of products of this nature. If noted, administer adrenaline or an equivalent drug. Use the entire contents when first opened.

For veterinary use only.

WARNING(s): Do not vaccinate within 60 days before slaughter.

Discussion: Enzootic abortion of ewes has been an unidentified problem in a vast area of the western and northwestern United States for many years. Isolation of the causative agent, Chlamydia psittaci, is fairly recent.

Enzootic abortion in ewes is characterized almost exclusively by the loss of lambs late in pregnancy. Weak or dead lambs may be born at full term. In some instances infected ewes will not show clinical symptoms of any kind and will lamb in a normal manner. Those that do not abort or lamb prematurely are sometimes in poor health showing a rapid deterioration over a short period before lambing. A vaginal discharge is noted after lambing and the placenta may be retained for several days. Generally, the ewes will slowly return to normal condition.

The chlamydia is present in fetal membranes and in the uterine discharge. It is at this time that the disease is spread through the flock, being picked up orally by the ewes, to remain inactive until carried into the developing placenta during the following pregnancy. In Scotland there is evidence that the chlamydia micro-organism can remain in the tissues of a ewe lamb for as long as two years, then cause the animal to abort when she becomes pregnant. It is during the second pregnancy that ewes most often abort or lamb prematurely from the effects of the disease although many are also affected during the first lambing season.

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Disclaimer

Every effort has been made by Jeffers to ensure the accuracy of the information listed above. However, it remains your responsibility to become familiar with the products you are purchasing. Please consult your family veterinarian if you have any questions.