

**C.E.M. TESTING AND TREATMENT REQUIREMENTS  
MARES IMPORTED FROM C.E.M. COUNTRIES (USDA RULE)  
ALL TESTING AND TREATMENTS MUST BE PERFORMED  
BY AN APPROVED ACCREDITED VETERINARIAN LICENSED TO PRACTICE IN KENTUCKY  
Testing Protocol Amended to Comply with USDA 2013 Final Rule  
2021 Breeding Season**

SET OF CULTURES: SPECIMENS SHALL BE COLLECTED FROM THE MUCOSAL SURFACES OF THE CLITORAL FOSSA AND CLITORAL SINUSES. **Third Set of Cultures Shall Include a Swab Collected from the Distal Cervix or Endometrium**

**No pre-cleansing of culture sites using soap or other antimicrobial agent is allowed**

DAY 1: Review prescribed culture/treatment schedule left at Quarantine facility when mare arrived. After Palpating mare, forward signed document by fax to 502/573-1020 or by email to [agr.equine@ky.gov](mailto:agr.equine@ky.gov)  
COLLECT A SET OF CULTURES and **SERUM FOR CEM COMPLEMENT-FIXATION**  
72hrs Minimal Time between Cultures Being Collected

DAY 4: COLLECT A SET OF CULTURES  
72hrs Minimal Time between Cultures Being Collected

DAY 7: COLLECT A SET OF CULTURES – **To include cervix or endometrium**

\*Following the sets of cultures being collected – and preferably not before being reported negative.

**On 5 consecutive days**

**MANUALLY REMOVE ALL ORGANIC DEBRIS FROM THE CLITORAL SINUSES AND FLUSH THE SINUS(ES) WITH AN APPROVED CERUMINOLYTIC AGENT.**

FOLLOWING THE CLEANING AND FLUSHING OF THE SINUSES ASPETICALLY CLEAN AND WASH (SCRUB) THE EXTERNAL GENITALIA AND VAGINAL VESTIBULE, INCLUDING THE CLITORAL FOSSA, WITH A SOLUTION OF NOT LESS THAN 2% CHLORHEXIDINE IN A DETERGENT BASE AND THEN FILL (PACK) THE CLITORAL FOSSA AND SINUSES AND COAT THE VAGINAL VESTIBULE WITH AN ANTIBIOTIC OINTMENT EFFECTIVE AGAINST THE CEM ORGANISM.

WHEN THE FINAL SET OF CULTURE REPORTS ARE RECEIVED, AND THE PRESCRIBED TREATMENT COMPLETED, THE ATTENDING VETERINARIAN SHOULD COMPLETE, SIGN AND FORWARD THE WORKSHEET TO THE STATE VETERINARIAN'S OFFICE. A QUARANTINE RELEASE WILL BE RETURNED TO THE FARM. THIS RELEASE SHOULD ACCOMPANY THE MARE TO THE BREEDING SHED.

**BEFORE BEING BRED IN KENTUCKY:** A SWAB SHALL BE COLLECTED FROM THE ENDOMETRIUM AND CULTURED FOR CEM. THIS SWAB MAY BE INCLUDED WITH EITHER OF THE REQUIRED SETS OF SWABS, OR IN THE CASE OF A PREGNANT MARE, THIS SWAB MAY BE COLLECTED AFTER FOALING. THE IMPORTED MARE SHALL BE PROPHYLACTICALLY SCRUBBED AND BRED LAST OF THE GROUP OF MARES BRED DURING THAT SESSION.

THE NEXT THREE (3) MARES BRED TO THE SAME STALLION SHALL HAVE A CF TEST, FIFTEEN (15) TO TWENTY FIVE (25) DAYS POSTBREEDING.

THE MINIMUM AMOUNT OF TIME NEEDED TO COMPLETE (AND HAVE RESULTS RETURNED) THE ABOVE DESCRIBED TESTING AND TREATMENT IS 14 DAYS.

IF YOU HAVE ANY QUESTIONS CONCERNING THIS QUARANTINE OR PROGRAM, PLEASE CONTACT THE EQUINE PROGRAMS STAFF IN THE STATE VETERINARIAN'S OFFICE AT 502-782-5901 8:00 am to 4:30 pm MONDAY THROUGH FRIDAY.

**THESE REQUIREMENTS ARE SUBJECT TO CHANGE WITHOUT NOTICE**

\* If any of the three cultures are reported as overgrown, and treatment has begun, a prescribed time must elapse from the time of the last treatment before the mare can be recultured. It is recommended that the scrubbing and packing not begin until the final set of cultures is reported as negative.

**C.E.M. TESTING AND TREATMENT REQUIREMENTS**

**1. MAIDEN MARES OVER 731 DAYS OF AGE AT TIME OF IMPORTATION**

**(which were certified and accepted by USDA as having not been on a breeding premise)**

**2. MARES IMPORTED FROM COUNTRIES NOT KNOWN TO BE AFFECTED WITH CEM  
2021 Breeding Season**

These mares are not routinely quarantined by The Division of Animal Health; however, they must meet the following testing and treatment requirements prior to entering a Kentucky Breeding Shed.

OBTAIN TWO SETS OF CULTURES FROM THE CLITORAL SINUSES AND CLITORAL FOSSA WITH A MINIMUM OF 72 HOURS BETWEEN OBTAINING THE SETS OF CULTURES.

OBTAIN A SWAB FROM THE ENDOMETRIUM. THIS SWAB MAY BE INCLUDED WITH EITHER OF THE REQUIRED SETS OF SWABS, OR IN THE CASE OF A PREGNANT MARE, THIS SWAB MAY BE COLLECTED AFTER FOALING.

THE IMPORTED MARE SHALL BE PROPHYLACTICALLY SCRUBBED AND BRED LAST OF THE GROUP OF MARES BRED DURING THAT SESSION. THE NEXT THREE (3) MARES BRED TO THE SAME STALLION SHALL HAVE A CF TEST, FIFTEEN (15) TO TWENTY FIVE (25) DAYS POSTBREEDING.

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