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
2023 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
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.

THESE REQUIREMENTS ARE SUBJECT TO CHANGE WITHOUT NOTICE