

**C.E.M. TESTING AND TREATMENT REQUIREMENTS**  
**STALLIONS IMPORTED – UNDER USDA CEM RULES - INTO KENTUCKY FOR BREEDING**  
**ALL TESTING AND TREATMENTS MUST BE PERFORMED**  
**BY AN ACCREDITED VETERINARIAN LICENSED TO PRACTICE IN KENTUCKY AND APPROVED**  
**BY THE KY STATE VETERINARIANS OFFICE**  
**Testing Protocol Amended to Comply With USDA 2013 Rule Change**

**Mares must qualify as test mares prior to being used.**

In order to qualify: Each mare must have a negative CEM complement-fixation test and be cultured negative from the mucosal surfaces of the clitoral fossa and clitoral sinuses on the first, fourth and seventh days of a 7-day period **with a minimum of 72hrs elapsing between each set of cultures.** **One of the sets of cultures shall include a cervical or endometrial swab.** In addition Test Mares for stallions imported from CEM affected countries (stallions quarantined by the KY Dept Agriculture upon arrival in Kentucky) must be permanently identified with the letter "T" using a hot iron, freeze brand or lip tattoo.

**STALLION PRE-BREEDING:** **One set of pre-breeding cultures (4 sites)** shall be collected from the following sites: Penile Shaft/Prepuce, Urethral Sinus, **Distal Urethra**, Fossa Glandis including the diverticulum, and be cultured for CEM.

After negative results have been received (**all cultured sites**) the stallion shall be bred to two qualified test mares in the presence of a State or Federal Department of Agriculture representative. To qualify as a successful test breeding requires ejaculation of the stallion.

**POST-BREEDING:**

**TEST MARES**

Each mare to which the stallion has been test bred shall be cultured for CEM from sets of specimens that are collected from each of the muscosal surfaces of the clitoral fossa and clitoral sinuses. **In addition a single distal cervix or endometrial swab is to be included with the 3<sup>rd</sup> set of post breeding swabs.**

**STALLION**

**Following each of the two test mares being covered,** the stallion shall be treated for 5 consecutive days by thoroughly cleaning and washing (scrubbing) its prepuce, penis, including the fossa glandis, and urethral sinus and while the stallion is in full erection with a solution of not less than 2% surgical scrub chlorhexidine and then thoroughly coating (packing) the stallion's prepuce, penis, including the fossa glandis, and urethral sinus with an approved ointment effective against the CEM organism (approved ointments include Nitrofurazone or Silversulfadiazine\*. The treatment dates shall be prescribed and monitored by a State or Federal veterinary official

**POST BREEDING**

Day 1 Post Breeding: The stallion shall be scrubbed and packed.  
Day 2 Post Breeding: The stallion shall be scrubbed and packed.  
Day 3 Post breeding: The stallion shall be scrubbed and packed.  
A set of cultures shall be collected from the test mares.\*  
Day 4 Post Breeding: The stallion shall be scrubbed and packed.  
Day 5 Post Breeding: The stallion shall be scrubbed and packed.  
Day 6 Post breeding: A set of cultures shall be collected from the test mares.\*  
Day 9 Post breeding: A set of cultures shall be collected from the test mares\*

**A deep cervical/endometrial swab collected and cultured for CEM**

**Day 21** Post breeding: A CEM complement fixation test shall be submitted from each test mare.\*

\*Post breeding Testing/Treatment Dates will be prescribed by State Veterinary Officials at time of breeding. **Minimal of 72hrs must elapse between sets of cultures being collected.**

Non-Quarantined stallions (stallions imported following So Hemisphere season etc) will continue to follow the previously prescribed post breeding testing that included the following:

Day 15 A Post-Breeding CEM complement fixation test shall be submitted from each test mare.

**NO ENDOMETRIAL SWAB OR 21 DAY POST CF REQUIRED FOR CLEARANCE**

IF STALLION WAS IMPORTED FROM A CEM COUNTRY HE MUST BE RELEASED FROM THE QUARANTINE PRIOR TO ENTERING THE BREEDING SHED: Following receipt of the work sheet, properly completed and signed, the State Veterinarian's Office will issue a quarantine release.

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

## DEFINITION-IMPORTED FROM A FOREIGN COUNTRY

FOR THE PURPOSE OF THE C.E.M. REGULATIONS, EQUINE ANIMALS OVER 731 DAYS OF AGE AT THE TIME OF IMPORTATION COMING FROM ANY COUNTRY OUTSIDE THE CONTINENTAL UNITED STATES, ITS TERRITORIES AND POSSESSIONS, WITH THE SOLE EXCEPTION BEING MAIDEN FILLIES FROM CANADA, MUST MEET SOME STANDARD OF C.E.M. TESTING AND TREATMENT.

ANIMALS IMPORTED FROM COUNTRIES WHICH ARE BELIEVED TO BE AFFECTED WITH C.E.M. ARE PLACED UNDER AN ORDER OF QUARANTINE UNTIL ALL TESTING AND TREATMENT REQUIREMENTS ARE COMPLETED AND REPORTED AS NEGATIVE. THE FOLLOWING COUNTRIES ARE CONSIDERED BY THE UNITED STATES DEPARTMENT OF AGRICULTURE AS BEING AFFECTED WITH C.E.M. ON JANUARY 1, 1996.

AUSTRIA  
BELGIUM  
BOSNIA and HERZEGOVINA  
CROATIA  
CZECH REPUBLIC  
DENMARK  
FEDERAL REPUBLIC OF GERMANY  
FEDERAL REPUBLIC OF YUGOSLAVIA (MONTENEGRO and SERBIA)  
FINLAND  
FRANCE  
GUINEA-BISSAU  
IRELAND  
ITALY  
JAPAN  
MEMBER STATES OF EUROPEAN UNION  
NETHERLANDS  
NORWAY  
SLOVAKIA  
SLOVENIA  
SWEDEN  
SWITZERLAND  
FORMER YUGOSLAV REPL OF MACEDONIA  
UNITED KINGDOM (ENGLAND, NORTHERN IRELAND, SCOTLAND, WALES  
and THE ISLE OF MAN)

The USDA does permit racing thoroughbreds over 731 days of age to be imported into the United States from England, France, Germany and Ireland without completing the CEM testing requirements so long as these animals have not been on a breeding farm in the country of origin. The Kentucky Department of Agriculture treats these animals as "imported maidens" in which case they are required to have two negative sets of cultures and a prebreeding CEM-CF test prior to being bred.