

Mississippi Equine Viral Arteritis Management Plan

Carrier Stallions

- 1) Stallion Management
 - a) The premises will be registered with the Board of Animal Health for premise identification.
 - b) All stallions on premises shall be registered annually with Mississippi Board of Animal Health, indicating their EVA status as a sero-positive vaccinated stallion or as a sero-positive carrier and shedding stallion.
 - c) All stallions classified as non-carriers shall be vaccinated annually not less than 30 days prior to the onset of the next breeding season.
 - d) Sero-positive EAV carrier stallions shall have their semen collected and tested at least twice annually by viral isolation (in culture) and /or PCR by a USDA approved laboratory and results shall be submitted to MS Board of Animal Health, office of the State Veterinarian.
 - e) Stallions designated as EAV carriers shall only be bred to sero-positive mares whose sero-positive status is the result of natural infection or vaccinations not less than 21 days prior to breeding.
 - f) All intact colts will be serologically tested and vaccinated against EVA before becoming sexually mature (6-12 months).
 - g) Any new stallions acquired that test sero-negative for EAV shall be vaccinated for EVA and isolated for not less than 21 days prior to entry onto the farm.
 - h) Any new stallions acquired that test EAV sero-positive and have a history of a prior vaccination against EVA must be accompanied by written proof of a negative

serological test for EAV prior to vaccination before they can enter the premises.

- i) If a stallion is sero-positive without proof of vaccination, virus isolation on its semen must be attempted by a USDA approved laboratory and the stallion confirmed a non-semen shedder of the virus before it can be permitted entry to the farm.
- j) Any movement or transport of an EAV carrier stallion from the premises shall require a permit from the Board of Animal Health.
- k) All teaser stallions on the premises or acquired in the future shall be serologically tested. If negative, they shall be vaccinated for EVA and isolated at least 21 days prior to entry on the premises.

2) Semen:

- a) All semen collections shall be performed observing recommended procedures as outlined by Colorado State University, Equine Reproduction Laboratory..
- b) All EAV carrier stallions shall have separate collection equipment which shall be appropriately sanitized between collections.
- c) All collections from an EAV carrier stallion for shipment out of state shall require a prior permit from the state veterinarian of New Mexico. The State Veterinarian of New Mexico will obtain permission for shipment of EVA positive semen from the receiving state veterinarian.
- d) All shipments of semen from EAV carrier stallions will require a release document of informed consent signed by owner or agent of farm and mare owner stating that they will accept Equine Arteritis Virus positive semen. Such documentation shall be made forwarded to the New Mexico Livestock Board Office of the state veterinarian (attached copy of consent form).

- 3) Artificial Insemination/Embryo Transfer:
- a) Artificial insemination (AI) and embryo transfer (ET) shall be performed using recommended aseptic techniques as outlined by Colorado State University, Equine Breeding Laboratory..
 - b) Mares artificially inseminated with semen from EAV carrier stallions or recipients of embryos derived from EAV carrier stallions shall be documented as being EAV sero-positive or shall have received EVA vaccine at least 21 days prior to artificial insemination or embryo transfer.
- 4) Horses Entering Premises:
- a) All new equine acquisitions to the farm shall be either previously tested and vaccinated against EVA or isolated from resident horses, serologically tested and subsequently vaccinated against EVA and then isolated for 21 days. _____ to furnish documentation of acceptable isolation facilities.
 - b) Mares arriving at the premises shall be serologically tested and vaccinated against EVA 21 days prior to arrival or be accompanied by written laboratory documentation confirming the mare's EAV sero-positive status.
 - c) Mares bred on the premises will remain on the premises for a minimum of 21 days past breeding.
 - d) All sero-negative recipient mares entering the premises shall be serologically tested and EVA vaccinated and then isolated for not less than 21 days. MJ Farms to furnish documentation of acceptable isolation facilities.
 - e) All open mares presented without prior booking and documentation confirming sero-positive EVA status shall be serologically tested and vaccinated and isolated for not less than 21 days. A consent form acknowledging the status of the stallion and vaccination history must be signed by owner or agent of the mare.

A copy of form to be forwarded to the Mississippi Board of Animal Health within 7 days.

- f) Sero-negative pregnant mares or pregnant mares without documentation of EVA status shall not be allowed on premises. EVA Vaccine is not approved for use in pregnant mares..
- g) All owners or agents of mares shall have signed a release document of informed consent at the time their mare arrives at the premises. _____ farms will provide mare owners with a copy of the USDA APHIS program AID No 1698, "Equine Viral Arteritis, a manageable problem". All mare owners will sign a consent form to acknowledge the status of a carrier stallion and the requirements and procedures that are required for the mare to be breed to said stallion.
- h) All mares arriving on the premises shall have a certificate of veterinary inspection.

5) Record Management:

- a) Detailed records shall be kept of all equines arriving at and leaving the premises.
- b) Detailed records of all contracts, consent forms and vaccinations must be available for inspection.
- c) Detailed records of all breedings and embryo transfers must also be available.
- d) Detailed records shall be kept of every horse on the premises including vaccination, breeding, pregnancy checks and treatments.
- e) Detailed records shall be maintained of semen collections including date and mares bred.
- f) Detailed records of semen shipments including date of semen collection, destination, method of shipment and documentation if permits authorizing shipments shall be maintained.

- g) Detailed records of approved EVA laboratory test results, EVA vaccinations records shall be available for inspection.
- h) A sample of each form, including breeding contract and informed consent to be used will be forwarded to the MS Board of Animal Health. _____ Farms shall make available for inspection all such records to the MS Board of Animal Health, as the Office of the State Veterinarian may deem necessary.
- i) This management plan shall be effective for the _____ breeding season and will remain in effect until released by the MS Board of Animal Health, State Veterinarian.

This plan shall be overseen by the office of the Mississippi State Veterinarian and will be administered by a Mississippi Licensed, Federally Accredited Veterinarian.

All state and federal applicable rules and regulations will be followed. The USDA-APHIS-VS, Uniform Rules and Regulations for Equine Viral Arteritis 91-55-075, NMLB Title 21, Chapter 30, Part 7 Equine Viral Arteritis (EVA) and subsequent revisions will be followed.

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