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## Test and hold procedure:

**Risk Reduction:** Ensure that no products are sold without a prior negative pathogen test result confirmation from a lab run by a licensed Medical Technologist or Dr. or AOAC accredited lab. All milk is to be tested for E.coli O157:H7, Standard plate count and Coliform Count daily. Every cow and every teat is tested on a frequent basis when they calve during the first month, then periodically after that. Campylobacter, Salmonella and Listeria Monocytogenes are to be tested as is possible.

**Frequency:** 7 days a week

**Remediation:** If fluid milk is positive for E. coli O157:H7, (Campylobacter, Salmonella or Listeria Monocytogenes, if tested); or if the coliforms are greater than 20, all product is to be disposed of. Investigate root cause(s) of contamination and/or revise the CCP and SOP infrastructure for its implementation. Owner, Farm Manager will be notified of positive results. Further action taken is based on management team's decision.

### Procedure:

#### 1. Sample collection:

- a. A procedure trained milker is responsible for taking a representative, clean, uncontaminated sample.
  - i. A sterile 12cc syringe with a sterile 18 or 16 gauge needle is used to extract 12cc of fluid milk from the bulk tank every day prior to bottling.
  - ii. A sterile 12cc syringe with a sterile 18 or 16 gauge needle is used to extract 12cc of fluid milk from a random sample of the bottled milk at least 3 times a week.

- (1)** Each syringe must have written on the syringe the date of collection/bottling, the initials of the sampler, source of sample, and the time of sampling in military time.
- 2.** All milk bottled must be placed in the testing refrigerated cooler labeled with the Red and White label stating (MILK IS BEING TESTED NOT FOR SALE) until a passing laboratory result is rendered. After milk passes laboratory testing, it can be moved into the retail fridge.
- 3.** Delivery of the Samples:
  - a.** Put all samples in the designated delivery ice chest.
    - i.** Place the cold packs in and around the sample
    - ii.** Deliver the samples to the lab located at 708 W. Quitman Street, Heber Springs, AR 72543.
      - (1)** In the case that the samples must be mailed they must be shipped UPS over night and sent in the delivery ice chest to the designated lab.

**Product Hold and Release:**

- 1.** The lab will notify the farm manager or owner of the results on a daily basis.
- 2.** Milk passes the CCP for Test and Hold, if and only if the following criteria is met:
  - i.** E.Coli 0157:H7, (and Campylobacter, Salmonella, Listeria Monocytogenes if tested), are all negative.
  - ii.** Coliforms are <20 preferably <10
  - iii.** RAC count is less than 1,000
- 3.** Transfer the milk from the testing refrigerated cooler the retail refrigerated cooler for sale to the public when the milk has passed the Test and Hold CCP.
  - i)** IF IT FAILS - all milk from that date must be disposed of in a sanitary manner.

**Disease Free Herd**

**Risk Reduction:** Maintain a healthy, disease-free, Johnes, TB and Brucellosis free herd.

**Frequency:** All cattle on initial entry to the farm, and all cattle that have been off farm and in contact with other cattle are to be tested. Arkansas is considered to be a TB and Brucellosis free state and we will maintain a closed herd after quarantine and negative test results.

**Remediation:** if any cattle are confirmed positive for TB, Johnes or Brucellosis they are to be disposed of according to the veterinarians recommendation and not allowed out of the quarantine area to the farm herd population. Treatment of the quarantine area will be according to the Veterinarian/MPH recommendation.

**Procedure:**

All cattle are quarantined upon entry to Wilson Ranch and will remain there until cleared by the Veterinarian. Dr. Aaron D. Wilson DVM, MPH from Morrilton Veterinary Clinic 1703 West Broadway Morrilton, AR 72110

All heifers are vaccinated by the appropriate age as determined by Dr. Wilson.