

## **IBMP Briefing Statement**

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**Agency:** USDA APHIS Veterinary Services

**Issue:** Monitoring

**Date:** 8-28-08

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### **Background:**

- APHIS engages in monitoring and surveillance through blood serum sampling of cattle at livestock markets, beef processing plants, and area herds. The majority of sampling is based on a backtag system which traces animals back to state of origin.
- The Agency engages in birthsite monitoring in those years that there is significant parturition happening in Zone 2.

### **Current Status:**

- Herd plans for cattle in Zone 2:
  - Two remaining herds in Zone 2:
    - Annual brucellosis vaccinating of replacement heifers.
    - Annual testing of cattle
    - Adult vaccination offered for adults (vaccinate at 2 year interval)
    - Necropsy of abortions
  - Herds within 2 miles of Zone 2
    - Tested after events of significant exposure
    - Adult vaccination offered with testing
- Ongoing surveillance of adult cattle for brucellosis through market cattle identification (processing plant) testing, livestock market testing, export, and other testing by private practitioners.
- Birthsite monitoring of bison in Zone 2, where birthsites are found through telemetry of seronegative pregnant animals, or through following bison movements/hazing to find newborns/birthsites. Sample and GPS site; culture for *B. abortus*.

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### **Contact:**

Dr. Jerry Diemer  
2150 Centre Ave. Bldg. B  
Fort Collins, CO  
(970) 494-7397  
[Jerry.W.Diemer@aphis.usda.gov](mailto:Jerry.W.Diemer@aphis.usda.gov)

Dr. Ryan Clarke  
Belgrade, MT  
(406) 388-5162  
[Patrick.R.Clarke@aphis.usda.gov](mailto:Patrick.R.Clarke@aphis.usda.gov)

Becky Frey  
Bozeman, MT 59715

(406) 522-7770

[Rebecca.K.Frey@aphis.usda.gov](mailto:Rebecca.K.Frey@aphis.usda.gov)