

## IBMP Briefing Statement

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**Agency:** USDA APHIS Veterinary Services

**Issue:** IBMP Zone 2 Inventory of Vaccination in Cattle

**Date:** 12-17-08

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**Background:** IBMP encourages vaccination of cattle that may graze in areas outside the Park that bison may occupy in winter (Zone 2). APHIS is obligated to pay for the testing and vaccination of cattle within Zone 2 and when warranted, cattle within 2 miles of Zone 2.

### Current Status:

#### North Side (Zone 2)

Property	OCV	AV	Annual test	Status
• BH	• yes	• yes	• yes	• active
• RTR	• yes	• yes	• yes	• inactive

#### West Side (Zone 2)

Property	OCV	AV	Annual test	Status
• BM	• yes	• no	• yes	• active
• Munns Brothers	• yes	• no	• yes	• inactive

#### North Side (Within 2 miles of Zone 2)

Property	OCV	AV	Annual test	Status
• HR	• yes	• no	• no	• active
• BQFS	• 1 <sup>st</sup> cohort	• 1 <sup>st</sup> cohort	• yes	• active

#### West Side (Within 2 miles of Zone 2)

Property	OCV	AV	Annual test	Status
• BN	• yes	• yes	after exposure	• active
• DW	• yes	• no	• no	• active

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In previous years, all active producers listed above have been offered AV at no cost. A recent poll of the active producers that have not incorporated AV into their management produced the following comments:

- There are concerns about the timing of the vaccination. A small % of cows that are vaccinated while pregnant will abort their fetus.

- There are concerns about the effectiveness of the vaccine.

- There are concerns about the effects on cattle of “over-vaccinating”. Most operations gather cattle in the spring and fall. At each gathering the cattle are given an assortment of supplements (anti-helminthics, bacterial/viral vaccines, pour-ons, etc.). There is a belief that too many vaccinations given at the same time overloads the immune system resulting in a poor immune response to all the vaccines given.

- There is a common thread of thought that if the bison are kept in the Park, they would not need this supplementary vaccination.

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- One producer showed a new willingness to AV this coming year.
  - There are concerns about the marketability of cattle that have the AV vaccination tattoo in the right ear.
  - One producer did not know which portion of his large herd would be grazing each year in near Zone 2. He could not identify which cattle would need AV soon enough to have them vaccinated prior to his put-out date.

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