



CEAH Bison 2014 Study Needs Assessment Survey

Please return completed survey by July 15, 2013.

Through the National Animal Health Monitoring System (NAHMS), the APHIS Centers for Epidemiology and Animal Health plans to survey producers/operators in 2014 to meet the information needs of the bison industry and its allied groups. By completing this needs assessment, you will help us establish objectives for the study.

Thank you in advance for your help!

1. Indicate your primary involvement with the bison industry: (Check only one.)

- Producer/operator
- Processor/marketer
- Veterinary practitioner
- University/extension
- Federal/State government
- Allied industry (e.g., pharmaceutical company, feed supplier)
- Other (please specify): _____

2. Which other farmed species are you involved with? (Check all that apply.)

- Cattle
- Sheep/goat
- Swine
- Poultry
- Deer/elk (wapiti)
- Other farmed livestock (please specify): _____

3. Which segments of the bison industry are you involved in? (Check all that apply.)

- Breeding stock
- Commercial meat production
- Hunting operation
- Conservation herd
- Other (please specify): _____

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-0398. The time required to complete this information collection is estimated to average 0.25 hours per response, including the time to review instructions, search existing data resources, gather the data needed, and complete and review the information collected.

NAHMS-319

JUNE 2013

4. Choose the top three management issues on which you would like the Bison 2014 study to focus. (Number the issues in order of priority—1, 2, 3.)

- Biosecurity practices (sources and introduction of new animals, quarantine)
- Contact with other livestock (cattle, deer, etc.) and/or feral swine/native wildlife
- Death loss
- Disease surveillance, testing, and impediments to testing
- Parasite control
- Pasture/grazing management
- Reproductive management (pregnancy diagnosis, weaning, breeding soundness)
- Vaccination/immunization
- Veterinarian use
- Other (please specify): _____

5. For each of the top three priority management issues selected in question 4, list two specific areas of interest.

Example: Issue #1: Biosecurity practices Interest a: Quarantine for illness Interest b: Transport vehicle cleaning

Specific areas of interest for top three issues:

Issue #1

- a: _____
- b: _____

Issue #3

- a: _____
- b: _____

Issue #2

- a: _____
- b: _____

6. Select three diseases, disorders, or pathogens on which you would like the Bison 2014 study to focus. (Number the issues in order of priority—1, 2, 3.)

- ___ Anaplasmosis
- ___ Anthrax
- ___ Bovine viral diarrhea (BVD)
- ___ Brucellosis
- ___ Clostridium (tetanus, blackleg, malignant edema, enterotoxemia/overeating disease/grain overload)
- ___ Digestive diseases/diarrhea (e.g., cryptosporidiosis, coronavirus, *E. coli*, rotavirus)
- ___ Foreign animal diseases (foot-and-mouth disease/FMD, etc.)
- ___ *Haemophilus somnus* disease
- ___ Hemorrhagic diseases (e.g., bluetongue/epizootic hemorrhagic disease)
- ___ Hoof problems or lameness
- ___ Johne's disease (paratuberculosis)
- ___ Malignant catarrhal fever (MCF)
- ___ *Mycoplasma bovis*
- ___ Necrobacillosis (foot rot, lumpy jaw)
- ___ Ocular disease (pinkeye, etc.)
- ___ Other pneumonia/respiratory disease (e.g., BRSV, IBR, pasteurellosis, PI3)
- ___ Parasites—external (e.g., ticks, lice, flies)
- ___ Parasites—internal (e.g., *Toxocara vitulorum* or other gastrointestinal parasites, lung worms, liver flukes)
- ___ Reproductive disorders (e.g., dystocia, abortion, trichomoniasis)
- ___ Toxins (e.g., toxic plants, organochlorine residues)
- ___ Tuberculosis (bovine TB)
- ___ Other (please specify): _____

7. For each of the top three diseases, disorders, or pathogens selected in question 6, list two specific areas of interest.

Example:

Disease #1: Pneumonia/respiratory disease	Interest a: Treatments used
	Interest b: Treatment success/failure rate

Specific areas of interest for top three issues:

Disease #1

- a: _____
- b: _____

Disease #3

- a: _____
- b: _____

Disease #2

- a: _____
- b: _____

8. We sometimes offer free lab testing to further the objectives of studies and to encourage participation. How effective would the following incentives be for encouraging bison producers/operators to participate in this or any future studies?

	Not at all	Somewhat	Extremely
Feed testing	_____	_____	_____
Drinking water testing (e.g., for nitrates, sulfates)	_____	_____	_____
Soil testing	_____	_____	_____
Fecal testing (specify type of test or disease: _____)	_____	_____	_____
Other incentive (specify: _____)	_____	_____	_____

Return completed survey to:

National Animal Health Monitoring System
2150 Centre Ave., Bldg. B, MS 2E7
Fort Collins, CO 80526-8117