# United States Department of Agriculture



**NAHMS Bison 2022 Study Timeline**

The Bison 2022 study is designed to provide participants and industry stakeholders with benchmarking information on the U.S. bison industry. Information collected will contribute to critically important epidemiologic surveillance that will inform disease management and preparedness strategies to safeguard the bison industry.

**NASS PHASE**

# NAHMS Bison 2022 Study Survey

**JULY-AUGUST 2022**

NATIONAL AGRICULTURAL STATISTICS SERVICE (NASS)

*►* Implemented by NASS via paper-assisted self-interview (PASI), computer-assisted self-interview (CASI), and computer-assisted telephone interview (CATI).

# Informed Consent Form for Biological Testing

*►* Producer consent for Biologics Phase

**July-November 2022**

# Biological Testing

► ***Enteric Microbe Test:*** Detection and antimicrobial susceptibility testing of *Salmonella*, *E. coli,* and *Campylobacter* in your bison.

► ***Fecal Parasite Test:*** Pre- and post-deworming fecal egg counts and egg count reduction tests will give you information about parasite levels and dewormer resistance on your operation.
Do not deworm 60 days prior to pre-deworming sampling.

► ***Forage Test:*** Forage quality test will provide you with information on the nutritional value of the sampled pasture forage from your operation.

**November 2022-Onward**

# Producer Reports

►Operation- specific biologic test results mailed to producers in a sealed envelope

# Descriptive Reports

►Reference guides for benchmarking and analyzing trends in the industry

# Information Sheets

►Focused analyses on important issues to the industry

**REPORTS**

**BIOLOGICS PHASE**

# United States Department of Agriculture



**NAHMS Bison 2022 Study**

**Producer Benefits**

**July-November 2022**

**Safeguarding the U.S. Bison Industry**

# Collectively, bison producers like you will play an important role in safeguarding the U.S. bison industry. Information provided in the Bison 2022 study will:

# Provide transparent, credible information on U.S. bison industry practices.

* Assist policymakers and industry stakeholders in making more informed decisions affecting the bison industry.

# Pre- and post-deworming fecal egg counts and egg count reduction tests will give you information about parasite levels and dewormer resistance on your operation.

# Do not deworm 60 days prior to pre-deworming sample submission.

# Detection of *Salmonella*

# Detection of *E. coli*

# Detection of *Campylobacter*

# Antimicrobial susceptibility testing of detected microbes

# Biological testing costs include

► Diagnostic testing

► Confidential, descriptive report of results

\* Values based on estimated average cost at diagnostic laboratories for forage samples taken at 20 locations and 20 fecal samples per farm.

**Fecal Microbe Test: $2000 Value\***

**Fecal Parasite Test: $700 Value\***

# Nutritional analysis on pasture forage will help you determine your forage quality and need for nutritional supplementation.

**Forage Test: $300 Value\***