

## Bison Parasitology TAMU

### Instructional Worksheets for Samples

Prepared by: Frasier Bison LLC

The purpose of this work is to identify internal parasite species and regional prevalence in bison from as many different locations in Texas and the Southern Plains as possible. Combining the samples with information about the habitat and individual animals [when possible] will help build a knowledge and data base to the benefit of Southern Plains Bison producers.

- Page 2: is a sample type preparation and care sheet
- Page 3: is a sample information sheet

The standard costs for testing will apply, unless you identify your samples with sample-code **TXBP**. TXBP samples will be tested at a discounted rate. Knowledge about internal parasites in your herd will contribute to knowledge about Texas & Southern Plains bison health. Identify your sample code: TXBP to participate.

#### **Send samples to:**

**Texas A&M University**

**Department Veterinary Pathobiology**

**Thomas M. Craig**

**664 Raymond Stotzer Pkwy.**

**VICI Rm 126 Bldg #1814**

**College Station, TX. 77843-4467**

- To have your results become part of the compiled information ,study and lab discount; please send them associated with the **code: TXBP** [*Texas Bison Parasitology*]
- No reportable diseases will be associated with this study
- No names will be associated with compiled data – only state/ county/ regions

## Sample Type & Care Sheet

### Fecal Samples:

- Use zip lock plastic bags [or] items supplied by local veterinarian
- Harvest small amount and put in a cooler with cool pack/ ice
- Shipping fecal samples should be with care as biological samples
- Sample size should be golf ball + so remnants can be preserved for additional testing
- Store in refrigeration until shipment and remove air from plastic bag
- Ship overnight, or next day mail in cooled container
- Mark samples to correlate with sample information sheet
  - This does not apply to random group samples from large herds
- Alert TAMU that they are being shipped

### Post Mortem Organ Samples:

- Involve local veterinarian to harvest, prepare and ship samples
- Samples required:
  - Entire Abomasum
  - 1 yard [3 feet] of small intestine
  - Feces from deceased animal
- Ship overnight or next day mail
- Keep samples cool
- Alert TAMU of shipment

### Contacts for Sample Shipment Alert:

Office (979) 845-9191

FAX (979) 862-2344

Tcraig@cvm.tamu.edu

### Sample Information Sheet:

Sample ID [correlated to marked sample]: \_\_\_\_\_

Month & Year: \_\_\_\_\_ State: \_\_\_\_\_ County: \_\_\_\_\_

Age of bison: [example: mature/ 2-4 yrs/ yearling/ calf] \_\_\_\_\_

Sex of bison: \_\_\_\_\_ Herd/Population Size: \_\_\_\_\_ Sample Code: **TXBP** \_\_\_\_\_

Habitat: [example: feedlot/ pasture/ rangeland/ other] \_\_\_\_\_

Egg Count: \_\_\_\_\_ Coproculture: \_\_\_\_\_ Cortisol TVMDL: \_\_\_\_\_

Precipitation: [example: wet / dry / average/ ect] \_\_\_\_\_

Anthelmintic Used [wormer]: \_\_\_\_\_

- How Administered: \_\_\_\_\_ Time since last treatment: \_\_\_\_\_

Rotational Grazing Management [example: 60 days/ none/ ect] \_\_\_\_\_

Grass Types: \_\_\_\_\_

Farm / Ranch Size: \_\_\_\_\_

**Additional comments on back of page:**

**Customer/ TXBP Participant Information:**

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Email: \_\_\_\_\_

Billing Address: \_\_\_\_\_

- \_\_\_\_\_

- \_\_\_\_\_

Phone: \_\_\_\_\_