



Animal and  
Plant Health  
Inspection  
Service

Veterinary  
Services

National Animal Health  
Monitoring System

2150 Centre Ave, Bldg B  
Fort Collins, CO 80526

Form Approved  
OMB Number 0579-0326  
Expires: 10/31/2010

## Beef 2007-08 Parasite Burden Evaluation Collection Record

**Thank you for participating in the NAHMS Beef Study and for taking the time to sample your weaned calves for parasites.** In order for the testing results to be accurate and of value to your operation, be sure to review all of the materials received and to follow collection and shipping instructions carefully. Your confidential results will be mailed to you in 2-4 weeks.

Remember, there are two phases to the parasite sampling. In both, the parasite burden will be reported as egg counts. Producers who signed up for Phase 2 will be collecting a second set of samples 10-14 days after Phase 1 collection and the deworming of the weaned calves. The Phase 2 testing will give an indication of the effectiveness of the deworming program.

### When to Take Phase 1 Samples

The following criteria **must** be considered in deciding when to take samples:

**Samples can not be taken before March 1, 2008.**

**Samples MUST be from weaned calves 6 to 18 months of age.**

- They can be replacement heifers and/or stockers and can be commingled with adult cows.
- If adult animals are present, make sure the samples are from age-appropriate calves. Samples can be taken off the ground or directly from the rectum of the calves.

**Calves must have been actively grazing pasture for a minimum of 30 days.**

- Actively grazing means that a large portion of their nutrition is from the pasture.

**Calves can not have been treated with a dewormer within 45 days before Phase 1 sampling.**

**Shipping guidelines must be met.**

- Samples must be refrigerated (not frozen) at least 12 hours, but no more than 3 days, before shipped.
- Samples must be shipped the same day they are removed from the refrigerator and boxed.
- Samples must be shipped on a Mon, Tues, or Wed.

**The last date to collect Phase 1 samples is December 2, 2008.**

**Plan for the deworming treatment needed for Phase 2 (if applicable)**

- If you are participating in both phases, plan the schedule to take Phase 1 samples, deworm within 48 hours, and then sample the group of weaned calves in 10-14 days.
  - All animals in the pasture must be treated.

#### Timing at a Glance

Prior to 1st collection (Phase 1)

- Calves actively grazing for at least 30 days
- No deworming treatments in the previous 45 days

First sample collection (Phase 1)

- Refrigerate for 12-72 hours before shipping
- Administer dewormer within 48 hours (if doing Phase 2)

Second sample collection (Phase 2)

- Collect 10-14 days after deworming treatment and refrigerate for 12-72 hours before shipping

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 0579-0326. The time required to complete this information collection is estimated to average 1.5 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-207  
JAN 2008**

# Check Kit Contents

The sampling kit you received contains the following:

20 gloves    20 small ziplock bags    2 large ziplock bags    2 ice packs    1 liner bag    pen    paperwork

The paperwork consists of:

- The collection and shipping instructions
- 3-part carbonless paper data collection forms for both phases
- 2 sets of 2 labels each to attach to sample bags
- 2 business-reply envelopes addressed to the NAHMS program
- 2 prepaid/pre-addressed Federal Express airbills

If you also agreed to do Phase 2, you will have received a 2<sup>nd</sup> box with gloves, bags, and ice packs.

If you are missing any materials or have any questions, contact Judy Rodriguez at NAHMS by phone (970-494-7255) or email ([judith.m.rodriguez@aphis.usda.gov](mailto:judith.m.rodriguez@aphis.usda.gov)).

## Before Collection Day

Freeze ice packs ahead of time.

Check Federal Express Availability.

- Samples will be shipped overnight via Federal Express. Contact FedEx to determine local drop-off and hours of operation for a location that **accepts Priority Overnight** packages. 1-800-gofedex (1-800-463-3339) or [www.fedex.com](http://www.fedex.com)

## Collection Record Instructions

### Complete the Collection Record

Write firmly to be sure the information appears on all 3 pages of the carbonless form.

#### State and Operation Number

- The operation numbers is a 1-4 digit ID that your NAHMS data collector wrote on the Parasite Burden Evaluation Producer Agreement.

#### Date of Collection

#### Number of Samples in Box

- If not 20 samples, please indicate why.

Kit Number is already written on the form.

Answer the questions regarding animal inventory and any dewormer the weaned calves have received previously.

- Record **ONLY** the inventory of the animals present in the area/group sampled.

### Complete 2 Sample Labels

- Write in the State and Operation Number as described above
- Write in the Kit Number found on the Collection Record

### Example

Phase 1 - Last date to take samples is December 2, 2008

State: <u>Colo</u>	Operation Number: <u>0137</u> <small>(from Producer Agreement)</small>	Collection date: <u>2/12/08</u> <small>(mm/dd/yy)</small>	Number of samples in this box: <u>20</u> <small>(should be 20, explain if not)</small>	Kit Number: <u>101</u>
-----------------------	--	---	--	---------------------------

Write in responses. If zero or none, write in 0. If you can not answer a question or it is not applicable, please note the reason why in the margin.

1. In the area these samples were taken, how many:
  - a. weaned replacement heifers (6 – 18 months of age) are present? ..... 74 head
  - b. other weaned calves including stockers (6 – 18 months of age) are present? ... 0 head
  - Total weaned calves ..... 74 total
2. In this same group/area, how many:
  - a. cows and bulls greater than 18 months of age are present? ..... 3 head
  - b. **unweaned** calves are present? ..... 0 head
3. Before today, have these weaned calves EVER been treated with a dewormer? .....  Yes  No  
 IF YES, what date were they last treated? (Explain in margin if you don't know.) ..... 12/10/06  
 IF YES, using the Dewormer Reference List on the back of the Collection Instruction Sheet, what was the name and code number for the product used?  
 Product name: IVER-ON code from list: 8  
 If a second product was used at the same time, what was the name and code?  
 Product name: \_\_\_\_\_ code from list: \_\_\_\_\_



Mail the original copy of this form to NAHMS using the attached business-reply envelope. Send a copy with the samples and keep a copy for your records. Expect results to be mailed to you in 2-4 weeks.

Thank you for completing this Phase of the sampling.

NAHMS Beef 2007-08 Parasites Kit: 101





State: CO Operation #: 0137

# Collection Instructions

**Take** the 20 samples from throughout the pasture area and on the same day. (If you have less than 20 calves, take as many samples as you have calves (e.g., 13 calves = 13 samples). **Make** sure each sample is from a weaned calf if other aged animals are present, and that each sample is from a different calf.




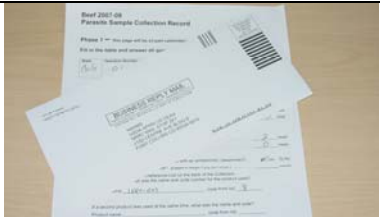
**Be sure** the sample is fresh; dry or frozen samples will not be tested.

Rectal samples from random calves just before they are treated with a dewormer may make sampling easier.

	<p><b>1. Using a supplied glove, pick up a golf-ball size sample.</b></p> <ul style="list-style-type: none"> <li>➤ Keep dirt and debris to a minimum.</li> </ul>		<p><b>2. Invert glove inside out</b></p> <p><b>3. Remove air and tie glove closed.</b></p>
	<p><b>4. Place inside a small ziplock bag, remove air and seal.</b></p> <ul style="list-style-type: none"> <li>➤ One glove per sample bag.</li> </ul>		<p><b>5. Place a completed label on a large ziplock.</b></p> <ul style="list-style-type: none"> <li>➤ Put 10 samples in each bag.</li> </ul>
<p><b>6. Remove air, seal, and refrigerate as soon as possible. Refrigerate samples</b> at least 12 hours and <b>ship</b> within 3 days of collection. (Refrigeration prevents eggs from hatching.)</p> <ul style="list-style-type: none"> <li>➤ <b>Do not freeze.</b> (Freezing causes the egg walls to break and prevents their detection during testing.)</li> <li>➤ Use precautions to avoid contamination if you refrigerate the samples in your home refrigerator .</li> </ul>			

## Shipping Instructions – Samples must not be frozen.

**Box and ship samples on the same day** (Monday, Tuesday, or Wednesday).

<p><b>1. Place liner bag in box.</b></p> <p><b>2. Wrap 1 ice pack in newspaper to prevent direct contact of samples to frozen ice pack and place in liner.</b></p> <p><b>3. Put sample bags on top of ice pack.</b></p>		<p><b>4. Put in another newspaper-wrapped ice pack and fill in extra space with paper.</b></p> <ul style="list-style-type: none"> <li>➤ Tie liner bag.</li> </ul>	
	<p><b>5. Put a copy of the form between the Styrofoam lid and outer box.</b></p> <ul style="list-style-type: none"> <li>➤ Use strapping tape to seal box.</li> </ul>		<p><b>6. Remove or blackout old labels on outside of box.</b></p> <p><b>7. Secure the peel &amp; stick FedEx airbill on top.</b></p> <ul style="list-style-type: none"> <li>➤ Drop off at a FedEx location.</li> </ul>
	<p><b>8. Mail white copy of the form to NAHMS using the business-reply envelope.</b></p> <ul style="list-style-type: none"> <li>➤ Keep a copy for your records.</li> </ul>	<p><b>Phase 2 participants – Do not hold Phase 1 samples for second collection – send within 3 days.</b></p>	

# Beef 2007-08

# Dewormer Reference List

## List 1 – POUR ON ANTHELMINTIC

Code	Product Name	Active Ingredient	Class
1	Coopermec Cattle Pour-On	Ivermectin	Avermectins
2	Cowmectin Pour-On	Ivermectin	Avermectins
3	Cydectin Pour-On	Moxidectin	Avermectins
4	Dectomax Pour-On	Doramectin	Avermectins
5	Ecomectin	Ivermectin	Avermectins
6	Eprinex Pour-On	Eprinomectin	Avermectins
7	Ivermax Pour-On	Ivermectin	Avermectins
8	Iver-On	Ivermectin	Avermectins
9	Ivomec Pour-On	Ivermectin	Avermectins
10	Ivermectin Pour-On	Ivermectin	Avermectins
11	Noromectin Pour-On	Ivermectin	Avermectins
12	Phoenectin Pour-on	Ivermectin	Avermectins
13	Privermectin	Ivermectin	Avermectins
14	Totalon Topical	Levamisole	Imidazothiazoles
15	Tramisol Pour-on	Levamisole	Imidazothiazoles

## List 2 – ORAL USE ANTHELMINTIC

Code	Product Name	Active Ingredient	Class
20	Curatrem Drench	Clorsulon	Benzenesulphonamide
21	Levamisol Drench	Levamisole	Imidazothiazoles
22	Levasole Cattle Bolus	Levamisole	Imidazothiazoles
23	Levasole Drench	Levamisole	Imidazothiazoles
24	Omnizole	Thiabendazole	Benzimidazoles
25	Panacur Paste	Fenbendazole	Benzimidazoles
26	Panacur Suspension	Fenbendazole	Benzimidazoles
27	Prohibit Drench	Levamisole	Imidazothiazoles
28	Safe-Guard Paste	Fenbendazole	Benzimidazoles
29	Safe-Guard Cattle Drench	Fenbendazole	Benzimidazoles
30	Synanthic Paste	Oxfendazole	Benzimidazoles
31	Synanthic Suspension	Oxfendazole	Benzimidazoles
32	Valbazen Paste	Albendazole	Benzimidazoles
33	Valbazen Suspension	Albendazole	Benzimidazoles

## List 3 – INJECTABLE USE ANTHELMINTIC

Code	Product Name	Active Ingredient	Class
40	Cydectin Injectable	Moxidectin	Avermectins
41	Dectomax Injectable	Doramectin	Avermectins
42	Double Impact Injectable	Ivermectin	Avermectins
43	Ivomec Injection	Ivermectin	Avermectins
44	Ivomec Plus Injection	Ivermectin / Clorsulon	Avermectins / Benzenesulphonamide
45	Levasole Injectable	Levamisole	Imidazothiazoles
46	Levamisole	Levamisole	Imidazothiazoles
47	Noromectin	Ivermectin	Avermectins
48	Noromectin Plus	Ivermectin / Clorsulon	Avermectins / Benzenesulphonamide
49	Phoenectin Injection	Ivermectin	Avermectins
50	ProMectin Injection	Ivermectin	Avermectins
51	Tramisol Injectable	Levamisole	Imidazothiazoles

## List 4 – FEED USE ANTHELMINTIC

Code	Product Name	Active Ingredient	Class
60	Rumatel	Morantel Tartrate	Tetrahydropyrimidine
61	Safe-Guard 0.5% Alfalfa Pellets	Fenbendazole	Benzimidazoles
62	Safe-Guard En-Pro-AL Molasses Block	Fenbendazole	Benzimidazoles
63	Safe-Guard 20% Protein Block	Fenbendazole	Benzimidazoles
64	Safe-Guard Free Choice Mineral	Fenbendazole	Benzimidazoles
65	Safe-Guard Type B Medicated Feed	Fenbendazole	Benzimidazoles



Animal and  
Plant Health  
Inspection  
Service

Veterinary  
Services

# Beef 2007-08 Parasite Burden Evaluation Collection Record

National Animal Health  
Monitoring System

2150 Centre Ave, Bldg B  
Fort Collins, CO 80526

Form Approved  
OMB Number 0579-0326  
Expires: 10/31/2010

## Phase 1 - Last date to take samples is December 2, 2008

**Samples must be shipped on Monday, Tuesday, or Wednesday.**

<b>State:</b>	<b>Operation Number:</b> <small>(from Producer Agreement)</small>	<b>Collection date:</b> <small>(mm/dd/yy)</small>	<b>Number of samples in this box:</b> <small>(should be 20, explain if not)</small>	<b>Kit Number:</b>  <div style="text-align: center; font-size: 2em; font-weight: bold;">A</div>
---------------	--	--	--	---

**Write in responses. If zero or none, write in 0. If you can not answer a question or it is not applicable, please note the reason why in the margin.**

1. In the area these samples were taken, how many:
  - a. weaned replacement heifers (6 – 18 months of age) are present? ..... \_\_\_\_\_ head
  - b. other weaned calves including stockers (6 – 18 months of age) are present? ... \_\_\_\_\_ head
 Total weaned calves ..... \_\_\_\_\_ total
  
2. In this same group/area, how many:
  - a. cows and bulls greater than 18 months of age are present? ..... \_\_\_\_\_ head
  - b. **unweaned** calves are present? ..... \_\_\_\_\_ head
  
3. Before today, have these weaned calves EVER been treated with a dewormer?..... <sub>1</sub> Yes <sub>3</sub> No  
 IF YES, what date were they last treated? (*Explain in margin if you don't know.*) ..... \_\_\_\_\_ mm/dd/yy  
 IF YES, using the Dewormer Reference List on the back of the Collection Instruction Sheet, what was the name and code number for the product used?  
 Product name: \_\_\_\_\_ code from list: \_\_\_\_\_  
  
 If a second product was used at the *same time*, what was the name and code?  
 Product name: \_\_\_\_\_ code from list: \_\_\_\_\_



**Mail the original copy of this form to NAHMS using the attached business-reply envelope. Send a copy with the samples and keep a copy for your records. Expect results to be mailed to you in 2-4 weeks. Thank you for completing this Phase of the sampling.**

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 0579-0326. The time required to complete this information collection is estimated to average 1.5 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-207  
JAN 2008**

**If you signed up to take Phase 2 samples, retain the instructions and the attached form/labels to use for the second collection.**

## When to Take Phase 2 Samples

**Phase 2 samples must be taken 10 to 14 days after the dewormer treatment done at Phase 1.**

- If the treatment did not take place, please do not collect Phase 2 samples.

**Phase 2 samples MUST be from weaned calves in the SAME AREA as the Phase 1 collection.**

- They do not need to be from the same specific animals.

**The same shipping guidelines must be met.**



- Samples need to be refrigerated for at least 12 hours (but no more than 3 days) before they are shipped.
- Samples must be shipped the same day they are removed from the refrigerator and boxed. Samples must be shipped on a Monday, Tuesday, or Wednesday.

**Collect, refrigerate, and ship the samples in the same manner as Phase 1.**

**Complete the Phase 2 Collection Record.**

- The Dewormer Reference List is on the back side of this page.

**If you are not participating in Phase 2, please discard the remaining form, labels, and FedEx airbill.**

					National Animal Health Monitoring System
Animal and Plant Health Inspection Service					2150 Centre Ave, Bldg B Fort Collins, CO 80526
Veterinary Services					Form Approved OMB Number 0579-0326
<b>Beef 2007-08 Parasite Burden Evaluation Collection Record</b>					
<b>Phase 2</b>					
<b>REMEMBER: Phase 2 samples come from the same area as the animals sampled in Phase 1</b>					
You should have treated all animals in the pasture with a dewormer at the time of or within 48 hours after Phase 1 samples were collected.					
Collect Phase 2 within 10-14 days after deworming.					
<b>Complete the information in the table below and answer the questions that follow:</b>					
<b>Samples must be shipped on Monday, Tuesday, or Wednesday.</b>					
State: <i>Colo</i>	Operation Number: <i>0137</i> <small>(on Producer Agreement)</small>	Collection date: <i>2/25</i> <small>(mm/dd/yy)</small>	Number of samples sent to lab: <i>20</i> <small>(explain if not 20)</small>	Kit number: <i>1013</i>	
<b>Write in responses.</b>					
1. What date were these animals treated with a dewormer? ..... <i>2/12/08</i> <small>mm/dd/yy</small> <i>This date should be about 2 weeks ago.</i>					
2. Using the Dewormer Reference List, what is the name and code number for the product used? Product name: <i>Ivomec Injection</i> code from list: <i>43</i>					
If a second product was used at the same time, what is its name and code? Product name: _____ code from list: _____					
 <b>Mail the original copy of this form to NAHMS using the attached business-reply envelope.</b>					
Send a copy with the samples and keep a copy for your records.					
Thank you for completing this Phase of the sampling.					

# Beef 2007-08

# Dewormer Reference List

## List 1 – POUR ON ANTHELMINTIC

Code	Product Name	Active Ingredient	Class
1	Coopermec Cattle Pour-On	Ivermectin	Avermectins
2	Cowmectin Pour-On	Ivermectin	Avermectins
3	Cydectin Pour-On	Moxidectin	Avermectins
4	Dectomax Pour-On	Doramectin	Avermectins
5	Ecomectin	Ivermectin	Avermectins
6	Eprinex Pour-On	Eprinomectin	Avermectins
7	Ivermax Pour-On	Ivermectin	Avermectins
8	Iver-On	Ivermectin	Avermectins
9	Ivomec Pour-On	Ivermectin	Avermectins
10	Ivermectin Pour-On	Ivermectin	Avermectins
11	Noromectin Pour-On	Ivermectin	Avermectins
12	Phoenectin Pour-on	Ivermectin	Avermectins
13	Privermectin	Ivermectin	Avermectins
14	Totalon Topical	Levamisole	Imidazothiazoles
15	Tramisol Pour-on	Levamisole	Imidazothiazoles

## List 2 – ORAL USE ANTHELMINTIC

Code	Product Name	Active Ingredient	Class
20	Curatrem Drench	Clorsulon	Benzenesulphonamide
21	Levamisol Drench	Levamisole	Imidazothiazoles
22	Levasole Cattle Bolus	Levamisole	Imidazothiazoles
23	Levasole Drench	Levamisole	Imidazothiazoles
24	Omnizole	Thiabendazole	Benzimidazoles
25	Panacur Paste	Fenbendazole	Benzimidazoles
26	Panacur Suspension	Fenbendazole	Benzimidazoles
27	Prohibit Drench	Levamisole	Imidazothiazoles
28	Safe-Guard Paste	Fenbendazole	Benzimidazoles
29	Safe-Guard Cattle Drench	Fenbendazole	Benzimidazoles
30	Synanthic Paste	Oxfendazole	Benzimidazoles
31	Synanthic Suspension	Oxfendazole	Benzimidazoles
32	Valbazen Paste	Albendazole	Benzimidazoles
33	Valbazen Suspension	Albendazole	Benzimidazoles

## List 3 – INJECTABLE USE ANTHELMINTIC

Code	Product Name	Active Ingredient	Class
40	Cydectin Injectable	Moxidectin	Avermectins
41	Dectomax Injectable	Doramectin	Avermectins
42	Double Impact Injectable	Ivermectin	Avermectins
43	Ivomec Injection	Ivermectin	Avermectins
44	Ivomec Plus Injection	Ivermectin / Clorsulon	Avermectins / Benzenesulphonamide
45	Levasole Injectable	Levamisole	Imidazothiazoles
46	Levamisole	Levamisole	Imidazothiazoles
47	Noromectin	Ivermectin	Avermectins
48	Noromectin Plus	Ivermectin / Clorsulon	Avermectins / Benzenesulphonamide
49	Phoenectin Injection	Ivermectin	Avermectins
50	ProMectin Injection	Ivermectin	Avermectins
51	Tramisol Injectable	Levamisole	Imidazothiazoles

## List 4 – FEED USE ANTHELMINTIC

Code	Product Name	Active Ingredient	Class
60	Rumatel	Morantel Tartrate	Tetrahydropyrimidine
61	Safe-Guard 0.5% Alfalfa Pellets	Fenbendazole	Benzimidazoles
62	Safe-Guard En-Pro-AL Molasses Block	Fenbendazole	Benzimidazoles
63	Safe-Guard 20% Protein Block	Fenbendazole	Benzimidazoles
64	Safe-Guard Free Choice Mineral	Fenbendazole	Benzimidazoles
65	Safe-Guard Type B Medicated Feed	Fenbendazole	Benzimidazoles



Animal and Plant Health Inspection Service

Veterinary Services

National Animal Health Monitoring System

2150 Centre Ave, Bldg B Fort Collins, CO 80526

Form Approved OMB Number 0579-0326

# Beef 2007-08 Parasite Burden Evaluation Collection Record

## Phase 2

**REMEMBER: Phase 2 samples come from the same area as the animals sampled in Phase 1**

You should have treated all animals in the pasture with a dewormer at the time of or within 48 hours after Phase 1 samples were collected.

Collect Phase 2 within 10-14 days after deworming.

**Complete the information in the table below and answer the questions that follow:**

**Samples must be shipped on Monday, Tuesday, or Wednesday.**

<b>State:</b>	<b>Operation Number:</b>  (on Producer Agreement)	<b>Collection date:</b>  (mm/dd/yy)	<b>Number of samples sent to lab:</b>  (explain if not 20)	<b>Kit number:</b>  B
---------------	---	---	--	-----------------------------

**Write in responses.**

1. What date were these animals treated with a dewormer? ..... mm/dd/yy  
*This date should be about 2 weeks ago.*
2. Using the Dewormer Reference List, what is the name and code number for the product used?  
Product name: \_\_\_\_\_ code from list: \_\_\_\_\_  
  
If a second product was used at the same time, what is its name and code?  
Product name: \_\_\_\_\_ code from list: \_\_\_\_\_



**Mail the original copy of this form to NAHMS using the attached business-reply envelope.**

**Send a copy with the samples and keep a copy for your records.**

**Thank you for completing Phase 2 of the sampling.**