



Animal and  
Plant Health  
Inspection  
Service

Veterinary  
Services

# Feedlot 2011 Fecal Collection Record



National Animal Health  
Monitoring System

2150 Centre Ave Bldg B  
Fort Collins, CO 80526

Form Approved  
OMB Number 0579-0079  
Expires 6/2013

Kit # \_\_\_\_\_

➔ Have the attached Biologic Sample and Collection Agreement signed before samples are collected.

Refer to the instruction materials your Coordinator gave you for more detailed information.

This cover sheet does not need to be returned with the paperwork.

## Sampling Plan

Three pens on each feedlot will be sampled. **The pens MUST contain heifers and/or steers destined for the slaughter market.** Do not sample cows and/or bulls.

Sample the pen that has been the longest on feed, the shortest on feed, and a random pen half way through the feed period. **NOTE:** The pen for shortest on feed should have been at the feedlot for at least 48 hours.

From each pen collect 25 fresh fecal samples in individual bags. Then collect 5 composite samples. Write the PEN number on each label.

Four liner bags are included with the kit. You may find it helpful to use a separate bag for each pen and have one for trash.

**25 Individual samples** - Using a spoon or clean tongue depressor for each sample, take a fresh, golf-ball size sample keeping dirt and debris to a minimum. Place the feces in a single whirl-pak bag, remove excess air, twist down twice, and wipe off if necessary. Put on clean gloves as necessary.

**5 Composite samples** – Once you've collected the 25 individual samples, go back through the pen and pick up feces from five separate pats and place into 1 bag with the COMPOSITE label. Collect another 4 bags of 5 samples in each.

➔ **DO NOT** take fecal material from the individual sample bags to make the composites. The composites need to be randomly selected from throughout the pen.

➔ **DO NOT take samples by hand, invert the glove, and place in a bag.** The lab may not accept "gloved" samples.

Cool samples down with ice packs as soon as possible. Ship within 24 hours. Do not ship on Friday. Remember the golden rule of sample collection: Send in the samples as you would like to receive them. The lab will appreciate having most of the fecal material on the inside of the bag.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not 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 0579-0079. The time required to complete this information collection is estimated to average 1 hour per response, including the time to review instructions, search existing data resources, gather the data needed, and complete and review the information collected.

**NAHMS-269  
MAR 2012**



**Example of Eptopix SRP *E.coli* vaccine**



**Example of *Salmonella* Newport SRP vaccine**

## FEEDLOT 2011 Fecal Collection Record

State FIPS	Operation #	Kit #	Collector's initials	Date collected
2 digits	4 digits	3 digits	Initials	mm/dd/yy

### INSTRUCTIONS:

Obtain the following information for each pen sampled. Collect from heifers and/or steers destined for slaughter. Do not sample cows or bulls. Be sure the Pen Number written on the form matches the number written on the sample labels.

	Shortest on Feed	Longest on Feed	Random Pen	
<b>Feedlot pen ID</b>				penid
Number of beef heifers	head	head	head	hfr
Number of beef steers	head	head	head	str
Number of dairy heifers and/or steers	head	head	head	dry
Date placed on this operation	date	date	date	plcd
Initial average weight per head upon entry to the pen (estimate pounds if necessary)	lb	lb	lb	iwgt
Average current weight per head in pen	lb	lb	lb	cwtg
Were these animal vaccinated for <i>E. coli</i> (e.g., EpiTopix SRP®)? If YES, how many injections have been given?	<input type="checkbox"/> Yes <input type="checkbox"/> No # injects	<input type="checkbox"/> Yes <input type="checkbox"/> No # injects	<input type="checkbox"/> Yes <input type="checkbox"/> No # injects	ecol ecolinj
Were these animals vaccinated for <i>Salmonella</i> (e.g., Salmonella Newport SRP®)?	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No	salm
Was the pen mass treated with injectable antibiotic? If YES, write in the product name and date administered	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> DK . name date	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> DK . name date	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> DK . name date	ant antnm antdt
Number of sick animals in pen treated since arrival	head	head	head	sick
Number of animals from pen that died since arrival	head	head	head	died
Distance shipped from source to feedlot (in miles) If pen is not from a single source, enter "multiple."	miles	miles	miles	mile
Were these animals born in a single herd?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> DK	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> DK	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> DK	hrd
Are the cattle drinking chlorinated water?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> DK	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> DK	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> DK	wtr

### Ingredients fed in last 7 days [For additive, enter the producer name. For Roughage, check (✓) all that apply.]

	Shortest on Feed	Longest on Feed	Random Pen	
<b>Feedlot pen ID</b>				
<b>Additives – FILL IN NAME</b>				
Prebiotics such as Tasco	name	name	name	ad01
Probiotics ( <i>Lactobacillus acidophilus</i> ) such as Bovamine Culture Complex	name	name	name	ad02
Beta-agonist (OptaFlexx™, Zilmax®)	name	name	name	ad03
<b>Roughage – CHECK BOX</b>				
Alfalfa, clover, or sorghum hay				r01
Corn silage				r02
Cotton seed hulls				r03
Alfalfa, clover, or sorghum silage				r04
Other roughage (specify in column)				r05

**Ingredients fed in last 7 days** [Answer the 2 questions under concentrates; for rest of this table, check all that apply.]

	Shortest on Feed		Longest on Feed		Random Pen	
Feedlot pen ID						
<b>Concentrates</b>						
What is the percentage of concentrate in the ration? (dry matter basis)	%		%		%	
How is the grain processed? (If 0% above, leave blank. Otherwise enter 1 code. 1 = steam flaked; 2 = dry roll; 3 = cracked; 4 = ground high moisture; 5 = unprocessed whole grain; 6 = other	code		code		code	
Barley						
Brewer's grains/malt – wet						
Brewer's grains/malt – dry						
Corn						
Distiller grains – wet (WDGS)						
Distiller grains – dry (DDGS)						
Grain sorghum (milo)						
Whole wheat, wheat fines, and/or midds						
Other concentrates (specify in column)						
<b>Proteins</b>						
Cotton seed-whole						
Cotton seed meal						
Soybean meal						
Urea						
Other proteins (specify in column, e.g., canola meal, chicken waste, etc)						
<b>Other by-products</b>						
Corn gluten						
Potato waste						
Seaweed extract (Tasco-14)						
Tallow						
Other by-products (specify in column, e.g., beef pulp)						

Antimicrobials/medications in feed or water since arrival	Shortest on Feed		Longest on Feed		Random Pen	
	Date first offered	Date last offered*	Date first offered	Date last offered*	Date first offered	Date last offered*
Feedlot pen ID						
<b>ENTER DATES</b>						
Amprolium (Corid™)						
Bacitracin (BMD®)						
Bambermycins (Gainpro™)						
Chlortetracycline (Aureomycin® 100, CTC, Pennchlor™)						
Chlortetracycline/sulfamethazine (Aureo-S 700®)						
Decoquinat (Deccox™)						
Laidlomycin (Cattlyst®)						
Lasalocid (Bovatec™)						
Monensin (Rumensin®, Vita Ferm®)						
Neomycin (Neo-Terramycin™)						
Oxytetracycline (OTC, Terramycin®)						
Sulfachlorpyridazine (Vetisulid™)						
Sulfadimethoxine (Albon®, Di-Methox™, Sulfasol™)						
Sulfamethazine/sulfadimethoxine (Pennchlor-ST™, Sulmet®)						
Sulfaquinoxaline (Sul-Q-Nox™)						
Tetracycline (Tetrasol™, TC-Vet 324®)						
Tylosin (Tylan®)						
Virginiamycin (V-Max®)						

\*If still feeding, enter today's date.

## Feedlot 2011 Fecal Submission Record

State FIPS	Operation #	Kit #	Collector's name and Phone Number	Date collected
2 digits	4 digits	3 digits		mm/dd/yy

	Shortest on Feed	Longest on Feed	Random	
<b>Feedlot pen ID</b>				
Total bagged individual samples submitted to ARS				ind
Total COMPOSITE samples submitted to ARS				comp
If less than 30 samples from a pen, please explain why:				reas

Total time to collect the data and to collect/prepare the samples for shipping.

If more than one collector present, enter the combined time.

Do not include producer or other operation help..... \_\_\_\_\_ HOURS FECTIME

Total travel time (round trip).

If more than one data collector present, enter the combined time..... \_\_\_\_\_ HOURS FECTIME

Collector(s): *[Enter the number for each category.]*

\_\_\_\_ Federal VMO    \_\_\_\_ Federal AHT    \_\_\_\_ State personnel

\_\_\_\_ Producer or other operation help    \_\_\_\_ Other (specify: \_\_\_\_\_)  
FECVMO/FECAHT/FECST/FECPROD/FOTH  
FECOTHSPEC

SEND YELLOW COPY OF THIS PAGE, along with the samples to:

Sandra House  
 USDA, ARS, Russell Research Center  
 950 College Station Rd, Rm 535  
 Athens, GA 30605  
 (706) 546-3986

SEND WHITE COPY OF THIS PAGE, along with the Collection Record and the Biologic Agreement to your NAHMS Coordinator.