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UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE
VETERINARY SERVICES
NATIONAL ANIMAL HEALTH MONITORING SYSTEM
2150 CENTRE AVE, BLDG B
FORT COLLINS, CO 80526

2021 NAHMS Swine Large Enterprise Fecal Collection Record

Kit Contents

- 30 Whirl-Pak® bags
- 30 plastic spoons
- 5 extra Whirl-Pak® bags and spoons
- 6, 1 gallon-size Ziploc® bags
- Insulated cooler and shipping box
- 3 ice packs (freeze prior to farm visit)
- 1 absorbent sheet
- 2 liner bags (one used as trash bag, one used to line the cooler)
- Paperwork packet: Fecal Collection Record, 30 sample labels, shipping airbill

Collection Instructions

Collect samples on a **Sunday, Monday, Tuesday, or Wednesday** and ship within 24 hours. Sample from pens populated by late finisher pigs (20 weeks and older). **Ideally, take 30 samples from the floors of a maximum of 6 pens (5 samples per pen) in a finishing area.**

Determine how many pens on the site contain late finisher pigs that are 20 weeks and older. These pens may be scattered among different rooms and in different barns. If **less** than 6 pens, collect samples from all pens for a maximum of 30 samples. For example, if there are 4 pens take 8 samples from each of 2 pens and 7 samples from each of 2 pens. If **more** than 6 pens, attempt to geographically space the pens sampled. That is, from pens roughly equidistant from each other (especially if there are multiple pens in a room).

Using a new plastic spoon, collect about 2 golf-ball size (2-3 grams) of fresh feces from the pen floor and place in a single Whirl-Pak® bag. Express the air out of the bag and fold over the top twice before securing closure tabs (Do not fold top more than twice).

Write the **8-digit Farm ID** (State/operation/site), **Facility, and Pen IDs on a sample label**, peel off and place securely on the bag (Do not use the sample label to secure bags closed). Repeat. Place all samples from one pen into a gallon sized Ziploc® bags and seal the ends of the large bags. Repeat for the rest of the sampled pens.

Place the Ziploc® bags inside the liner bag with 3 frozen ice packs and the absorbent sheet. Place the liner bag inside the insulated shipment container and close the shipping container lid.

Collection Record Instructions

Complete the Fecal Collection Record Form. **Place the original (white) collection record on top of the insulated cooler box lid.** Leave the yellow copy of the collection record with the producer. Secure the shipping box.

Shipping and Results

Keep samples cool in a refrigerator, attach shipping airbill (addressed to NCSU) to the shipping box, and ship via **Fed Ex within 24 hours of collection on Monday-Thursday**. The samples will be tested for *Salmonella*, *E. coli*, and *Enterococcus*. All results will be returned to the Producer approximately 45-60 days after collection.

Swine 2021: Fecal Collection Record

Farm ID	# of People Involved ___ Fed VMO ___ Fed AHT ___ Producer ___ State VMO ___ St AHT ___ Priv Vet ___ Others-specify: _____	Key Collector Initials	Collection Date	Hours to Take and Prep Samples	Hours of Overall Travel Time	Kit Number
8-digits: St, Op, Site	Enter number for each category		MM/DD/YY	In quarter hours	In quarter hours	Must match labels

First, answer the following three questions regarding this site:

1. On this site, how many buildings house finisher pigs? _____ finisher buildings
2. What is the average number of rooms in the finisher buildings? _____ rooms per building
3. What is the average number of pens in each room? _____ pens per room

Pen Index	# of bags	LIST ALL BAG numbers taken for this pen	Facility/Barn ID ¹	Pen ID ¹	Facility Type T=Total Confinement O=Open building ²	Approximate # of pigs in pen	Average age of pigs in pen (weeks)	Approximate # of pigs share air space ³	Gender of pigs in pen G=Gilts, B=Barrows M=Mixed	Evidence of diarrhea in pen? Y=Yes N=No
1										
2										
3										
4										
5										
6										

¹Any designation will do whether text or numeric so long as it differentiates between row entries.

²Total confinement means solid exterior walls and mechanical ventilation. An open building generally has open sides or the potential for sides to be opened weather permitting.

³This would be the number of pigs in the barn or room within a barn usually.