



United States Department of Agriculture

**GENERAL SWINE FARM
QUESTIONNAIRE Swine 2012
July 2012**



Animal and Plant Health Inspection Service
2150 Centre Ave, Bldg. B
Fort Collins, CO 80526-8117

Form Approved
OMB Number 0579-0315
EXP. DATE: XX/XXXX
Project Code

Multiple Site Identification

State	Stratum	ID	Tract	Site Number	Line Number
_____	_____	_____	_____	_____	000

Office use only

0001

BEGINNING TIME
[MILITARY].

0002

INTRODUCTION

[Rephrase in your own words.]

We would like to ask you some more questions about the hogs and pigs, regardless of ownership, on the land you operate. To understand important issues in the hog industry, we need to obtain information about the health status of your hogs and swine health problems you may have had, as well as about productivity and management.

You may find it easier to answer some of the questions if you have your records available. Response is **voluntary** and not required by law. However, your report is needed to make Regional and National estimates as accurate as possible.

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 0579-0315. The time required to complete this information collection is estimated to average 1hour per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

**NAHMS-288
SEPT 2011**

SECTION 1:

SAMPLE UNIT DEFINITION

I would like to determine the number of distinct production sites on which you raise hogs or pigs. For the purposes of this study a site may consist of facilities in proximity to one another and operated as one unit while separate sites might consist of facilities at different physical locations.

1. Do you raise hogs at **more than** one production site?
 Yes [Enter code 1 and continue] **NO** [Enter code 3 and go to Section 2]..... 0101

2. On how many separate production sites were your hogs **raised** on **June 1, 2012?**
 (Contractee locations where hogs are raised for you as a contractor should be **included**.)..... 0102

3. Of these sites, how many had:

	Number of Sites
a. Only sows and gilts for breeding?.....	0103
b. Only other hogs and pigs? (no sows or gilts for breeding).....	0104
c. Both sows and gilts for breeding and other hogs and pigs together ?	0105

[ENUMERATOR NOTE: The total of 3a + 3b + 3c should equal the number in the box for Item 2.]

Now I would like to select a maximum of three to ten sites for further questions. [Go to the Site Selection Form and use the random-number table to select the sites and complete a questionnaire for each selected site.]

SECTION 2:

SWINE INVENTORY [Site and/or Operation]

[ENUMERATOR NOTE: If only one production site, complete column for operation inventory and leave column for site inventory blank. If multiple sites, complete both the operation and site inventory columns.]

1. Of the total hogs and pigs on hand June 1, 2012 (including those raised by someone else for you on contract), how many were:

	Site		Operation
a. Sows and bred gilts for breeding?.....	0106+	0115
b. Unmated gilts in the breeding herd? (replacements).....	0107+	0116
c. Unmated gilts for breeding not yet in the breeding herd? (replacements).....	0108+	0117
d. Suckling pigs?.....	0109+	0118
e. Boars and young males for breeding?.....	0110+	0119
f. Cull boars, sows and gilts?	0111+	0120
g. Weaned market hogs under 60 pounds?.....	0112+	0121
h. Market hogs 60 pounds and over (excluding cull sows, gilts and boars)?.....	0113+	0122
i. Then the total number of hogs and pigs on this site/operation June 1, 2012 , was =	0114=	0123

[ENUMERATOR NOTE: If both columns of Item 1 equal ZERO, go to Section 9.]

2. Which of the following best describes the business and marketing arrangements of this swine operation?
 [Enter one code only]

Codes	Enter One Code
1	0124
2	
3	
4	

a. Contract producer – act as contractor or contractee
 b. Independent producer – market on own
 c. Independent producer – market through a cooperative
 d. Other (Specify _____)

3. During the 6-month period of **December 1, 2011, through May 31, 2012:**

a. Did any sows or gilts farrow?..... Yes₁ No₃

b. Were any sows or gilts bred?..... Yes₁ No₃

[ENUMERATOR NOTE: If both Items 3a and 3b are NO, SKIP to Section 3, Item 31; otherwise, CONTINUE.]

SECTION 3: BREEDING AND PREWEANING ANIMAL MANAGEMENT		1	2	
1. Which management approach best describes how the majority of animals in the Gestation and Farrowing phases on your site are managed? [Enter code from List 1 below, and see <i>Enumerator Note</i> .].....		GESTATION	FARROWING	
2. What type of facility is used for the most animals in the [read column heading] phase? [Enter code from List 2 below.].....				
3. What type of waste management is most used in that [read column heading] facility? [Enter code from List 3 below.].....				
4. What type of flooring is most used in that [read column heading] facility? [Enter code from List 4 below.].....				
5. If flooring is slatted (List 4, numbers 2 or 3), what type of material for slats is most used in that [read column heading] facility? [Enter code from List 5 below.].....				
6. How are the majority of sows and gilts in the [read column heading] facility housed? [Enter code 1=INDIVIDUAL STALL, 2=GROUP HOUSING (e.g., PENS), 3=OTHER.]... a. If Item 6 is coded 3 (other) please write a brief description in box:.....				
7. What is the average # animals in the housing unit indicated in Item 6?.....		#animals	#animals	
8. What is the typical size of the holding unit indicated in Item 6 (sq. ft.)?.....		sq. ft.	sq. ft.	
[ENUMERATOR NOTE: All-in, all-out management means that every single animal is removed from a pen, room, building, or site, and the swine areas are then cleaned and disinfected before any new animals arrive. If a facility is never completely empty of pigs, the management approach is referred to as continual flow.]				
LIST 1 - Management	LIST 2 - Facility	LIST 3 - Waste Holding	LIST 4 - Flooring	LIST 5 - Slats
1. Continual flow 2. All swine removed, but swine pen/areas not cleaned and disinfected 3. All in, all out by room , with room cleaned and disinfected 4. All in, all out by building , with building cleaned and disinfected 5. All in, all out by site , with site cleaned and disinfected 6. Not applicable (e.g., no housing)	1. Total confinement (with mechanical ventilation) 2. Open building with no outside access 3. Open building with outside access 4. Lot with hut or no building 5. Pasture with hut or no building	1. None 2. Pit-holding 3. Mechanical scraper/ tractor 4. Hand-cleaned 5. Flush--under slats 6. Flush--open gutter 7. Other (Specify _____)	1. Solid surface 2. Partial slats 3. Completely slatted 4. Mats 5. Mesh 6. Dirt	1. Concrete 2. Metal 3. Plastic 4. Other
9. How many replacement gilts were introduced into the breeding herd between Dec. 1, 2011, and May 31, 2012?			Total Gilts	
[ENUMERATOR NOTE: If Item 9 is ZERO (no replacement gilts were introduced into the breeding herd between Dec. 1, 2011, and May 31, 2012), SKIP to Item 13.]				

10. Of these replacement gilts (Item 9), what percent were:		Percent
	a. Raised as commercial stock (terminal cross females)?.....	
	b. From a parent herd/multiplier herd (crossing farm)?.....	
	c. From a grandparent herd?.....	
	d. From a great-grandparent herd?.....	
	e. Another source? (Specify _____).....	
Total [Should equal 100% of Item 9]=		100%

SECTION 3: BREEDING AND PREWEANING ANIMAL MANAGEMENT (continued)

11. Between Dec. 1, 2011 , and May 31, 2012 , how many GROUPS of replacement gilts were introduced into the sow herd as breeding animals?.....	# of Groups

12. What is the average age of replacement gilts, in weeks, when they are:	Age in Weeks
a. Designated as part of the breeding herd?.....	
b. Introduced into the breeding herd (commingled with sows)?.....	

13. Typically, is **newly arriving**, new breeding stock **always**, **sometimes** or **never** put through an isolation or quarantine process when being introduced to the **site** [enter Code number from below in the Code Number box]? And if done ALWAYS or SOMETIMES, how many days does it last [enter number in Number of Days box]?

a. Breeding Females?	ALWAYS1	}	→	Code Number
	SOMETIMES.....2			
	NEVER.....3			# of Days
	NO NEW ARRIVALS.....4			
b. Breeding Males?	ALWAYS.....1	}	→	Code Number
	SOMETIMES.....2			
	NEVER3			# of Days
	NO NEW ARRIVALS.....4			

[ENUMERATOR NOTE: If BOTH Items 13a and 13b are code 4 (no new arrivals), SKIP to Item 16.]

14. Of the **newly arriving** breeding stock, are **all of them**, **some of them**, or **none of them** typically tested for disease before being introduced to the breeding herd? [leave code box blank if not applicable]

a. Breeding Females?	ALL.....1	}	→	Code
	SOME.....2			
	NONE.....3			
a. Breeding Males?	ALL.....1	}	→	Code
	SOME.....2			
	NONE.....3			

15. For **newly arriving** breeding stock, do you typically use any of the following acclimatization procedures:

- a. Feedback of feces from other swine?.....
- b. Feedback of mummies, placentas, or stillborn pigs?.....
- c. Exposure to cull females (gilts and sows)?.....
- d. Exposure to sick pigs?.....
- e. Give vaccinations?.....
- f. Other? (Specify _____).....

<input type="checkbox"/> Yes ₁	<input type="checkbox"/> No ₃
<input type="checkbox"/> Yes ₁	<input type="checkbox"/> No ₃
<input type="checkbox"/> Yes ₁	<input type="checkbox"/> No ₃
<input type="checkbox"/> Yes ₁	<input type="checkbox"/> No ₃
<input type="checkbox"/> Yes ₁	<input type="checkbox"/> No ₃
<input type="checkbox"/> Yes ₁	<input type="checkbox"/> No ₃

(ENUMERATOR NOTE: A service is one or more matings in the same heat cycle/estrous period.)

16. How many [read column heading] on this site were serviced between Dec. 1, 2011, and May 31, 2012?	Sows	Gilts

[ENUMERATOR NOTE: If both boxes are ZERO (no sows or gilts serviced), SKIP to Item 20.]

17. Of the [read column heading] serviced on this site (in Item 16), what percentage received:	Sows	Gilts
	%	%
a. Pen-mating only? [If both boxes for pen-mating are 100%, SKIP to Item 20.].....	%	%
b. One mating?.....	%	%
c. Two matings?.....	%	%
d. Three or more matings?.....	%	%
Total [Should equal 100% of Item 16 for each column]=	100%	100%

SECTION 3: BREEDING AND PREWEANING ANIMAL MANAGEMENT (continued)

18. For [read column heading] serviced on this site between Dec. 1, 2011, and May 31, 2012, by means other than pen mating, what was the predominant method of mating for [Enter code from List 6 below.]:	[Enter One Code from Below per Box]	
	Sows	Gilts
a. The first mating?.....		
b. The second mating?.....		
c. The third or more mating?.....		

LIST 6 - MATING METHODS

1. Artificial insemination
2. Individual hand-mating naturally
3. Pen-mating with multiple females and one or more boars
4. Not applicable

[ENUMERATOR NOTE: If Items 18a, 18b, and 18c do not contain a 1 (no artificial insemination), SKIP to Item 20.]

19. For the 6-month period of Dec. 1, 2011, and May 31, 2012, was any of the semen used for artificial insemination on this site:		<input type="checkbox"/> Yes ₁	<input type="checkbox"/> No ₃
	a. Purchased?.....	<input type="checkbox"/> Yes ₁	<input type="checkbox"/> No ₃
	b. Collected and processed on this	<input type="checkbox"/> Yes ₁	<input type="checkbox"/> No ₃
c. Collected and processed off this site, but not purchased?.....	<input type="checkbox"/> Yes ₁	<input type="checkbox"/> No ₃	

20. During the 6-month period of Dec. 1, 2011 , through May 31, 2012 :	Head
a. How many sows and gilts farrowed (counting each time a sow farrowed separately)?.....	
b. How many pigs were born (including stillborns and mummies)?.....	
c. How many of the (Item 20b) pigs were born alive ?.....	
d. Of the (Item 20c) pigs born alive , how many have been or will be weaned ?.....	
21. Then, the number of preweaning deaths that occurred (between Dec. 1, 2011, and May 31, 2012) was: [Subtract Item 20d from 20c, and enter result.].....	Head
22. During this 6-month time period, what percentage of the preweaning deaths (Item 21) were due to:	Percent
a. Scours? (e.g., Chilling, Rotavirus, Coccidiosis, <i>E. coli</i> , TGE, or <i>Clostridia</i>)..... +	
b. Crushing by sow (laid on)?..... +	
c. Starvation?..... +	
d. Respiratory problems? (e.g., PRRS or Rhinitis)..... +	
e. Other known problems? (Specify _____)..... +	
f. Unknown problems? +	
Total [Should be equal to 100% of Item 21] =	100%
23. What was the average age , in number of days, of pigs at weaning on this site for the period Dec. 1, 2011, through May 31, 2012 ?.....	# of Days
24. Are weaned pigs moved from the farrowing facility/area to a " separate-site " nursery facility/area?.....	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃
25. What was the average number of litters per sow in the last year?.....	Avg. # of Litters
26. What was the average parity of breeding age females on this site?.....	Avg. Parity

SECTION 3: BREEDING AND PREWEANING ANIMAL MANAGEMENT (continued)	
27. During the 6-month period of Dec. 1, 2011 , through May 31, 2012 , how many breeding-age females :	Head
a. Died?.....	
b. Were culled?.....	
ENUMERATOR NOTE: If Item 27b equals ZERO (none culled), SKIP to Item 28.]	
28. Of those that were culled (Item 27b), what percent were culled due to (pick one PRIMARY reason for each animal culled):	Percent

a. Old age?..... +	
b. Lameness?.....+	
c. Small litter size, high preweaning mortality, or low birth weight?.....+	
d. Reproductive failure (failure to rebreed, failure to farrow)?..... +	
e. Injury?.....+	
f. Other reasons? (Specify _____)..... +	
Total [Should equal 100% of Item 27b]=	
100%	

29. Of all those that were culled (Item 27b), what was the average number of farrowings (parity) of these breeding-age females:	Avg. Parity

30. During the 6-month period of Dec. 1, 2011 , through May 31, 2012 :			
On this site , did you regularly give sows, boars or piglets (before or at weaning):	SOWS	BOARS	PIGLETS
a. Dewormer?..... ...	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄
b. Mange/lice treatment?.....	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄
c. Oral Vitamin D?			<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄
d. Iron (orally/injection)?.....			<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄

31. During the 6-month period of December 1, 2011, through May 31, 2012 , did this site raise weaned market pigs ?.....	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃
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[ENUMERATOR NOTE: If Item 31 equals NO, SKIP to Section 7.]

32. During the 6-month period of December 1, 2011, through May 31, 2012 , did this site place all weaned market pigs in a Wean-to-Finish unit ?.....	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃
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[ENUMERATOR NOTE: If Item 32 equals YES, SKIP to Section 6. Otherwise, continue with Section 4.]

SECTION 4:**NURSERY PIG MANAGEMENT**

1. Which management approach best describes how the majority of animals in the Nursery phase on your site are managed? [Enter code from List 1 below, and see <i>Enumerator Note</i> .].....	
2. How many distinct age groups typically exist at one time in the Nursery phase?.....	
3. What type of facility is used for the most animals in this Nursery production phase? [Enter code from List 2 below.].....	
4. What type of waste management is most used in that facility? [Enter code from List 3 below.].....	
5. What type of flooring is most used in that facility? [Enter code from List 4 below.].....	
6. If flooring is slatted (List 4, numbers 2 or 3), what type of material for slats is most used in that facility? [Enter code from List 5 below.].....	
7. What is the average # of Nursery Pigs per pen or other holding unit?.....	#animals
8. What is the average size of pens or other holding units that contain Nursery pigs (sq. ft.)?.....	sq. ft.

[ENUMERATOR NOTE: *All-in, all-out management* means that **every** single animal is **removed** from a **pen, room, building, or site**, and the swine areas are then **cleaned** and **disinfected** before any new animals arrive. If a facility is never completely empty of pigs, the management approach is referred to as **continual flow**.]

LIST 1 - Management	LIST 2 - Facility	LIST 3 - Waste Holding	LIST 4 - Flooring	LIST 5 - Slats
1. Continual flow 2. All swine removed, but swine pen/areas not cleaned and disinfected 3. All in, all out by room , with room cleaned and disinfected 4. All in, all out by building , with building cleaned and disinfected 5. All in, all out by site , with site cleaned and disinfected 6. Not applicable (e.g., no housing)	1. Total confinement (with mechanical ventilation) 2. Open building with no outside access 3. Open building with outside access 4. Lot with hut or no building 5. Pasture with hut or no building	1. None 2. Pit-holding 3. Mechanical scraper/tractor 4. Hand-cleaned 5. Flush--under slats 6. Flush--open gutter 7. Other (Specify _____)	1. Solid surface 2. Partial slats 3. Completely slatted 4. Mats 5. Mesh 6. Dirt	1. Concrete 2. Metal 3. Plastic 4. Other

9. During the 6-month period of Dec. 1, 2011 , through May 31, 2012 , how many pigs entered the Nursery phase on this site (Include pigs weaned, purchases, and movements from other facilities.)?.....	Head
10. Of these pigs (Item 9), what percent originated from:	Percent
a. On-site (e.g., farrowing units on this site)?.....+	
b. Other sites inside this operation (e.g., farrowing units belonging to this operation)?.....+	
c. Other sites outside this operation (e.g., farm-to-farm, contract or non-contract)?.....+	
d. An auction, sale barn, or livestock market?.....+	
e. Another source? (Specify _____).....+	
Total [Should equal 100% of Item 9]=	100%

[ENUMERATOR NOTE: If Item 10a equals **100%**. **SKIP** to Item 13.]

11. During the 6-month period of Dec. 1, 2011 , through May 31, 2012 , how many different off-site sources were used to fill the Nursery units on this site?.....	Number
12. Were Nursery pigs from different sources (on-site or off-site) commingled in the same facility?.....	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄

SECTION 4:**NURSERY PIG MANAGEMENT (continued)**

NOTE: Items 13-15 refer to pigs that entered the Nursery phase (Item 9) on this site during the period of Dec. 1, 2011, through May 31, 2012.

13. How many pigs died during the Nursery phase on this site of those that entered?.....	Head
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[ENUMERATOR NOTE: If Item 13 equals ZERO (none died), SKIP to Item 15.]

14. Of those that died (Item 13), what percentage of deaths were due primarily to:	Percent
a. Scours? (e.g., Rotavirus, Coccidiosis, <i>E. coli</i> , TGE, <i>Salmonella</i> , or <i>Clostridia</i>)..... +	
b. Starvation?.....+	
c. Respiratory problems? (e.g., PRRS, PCVAD, <i>Mycoplasma</i> or Rhinitis)..... +	
d. CNS/meningitis? (e.g., <i>Hemophilus</i> , <i>Strep. suis</i> , or <i>E. coli</i> [edema disease])..... +	
e. Other known problems? (Specify _____)..... +	
f. Unknown problems?.....+	
Total died [Should equal 100% of Item 13]=	100%

15. What was the average age of pigs, in number of days, when:	Age in Days
a. They entered the nursery units?.....	
b. They left the nursery units?.....	

16. Did you regularly give nursery pigs on this site :	
a. Dewormer?.....	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄
b. Oral Vitamin D?	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄
c. Mange/lice treatment?	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄

[ENUMERATOR NOTE: IF No Grower/Finisher phase, SKIP TO Section 7. Otherwise, CONTINUE.]

SECTION 5:

GROWER/FINISHER MANAGEMENT

1. Which management approach best describes how the majority of animals in the Grower/Finisher phase on your site are managed? [Enter code from List 1 below, and see <i>Enumerator Note</i> .].....	
2. How many distinct age groups typically exist at one time in the Grower/Finisher phase?.....	
3. What type of facility is used for the most animals in this Grower/Finisher production phase? [Enter code from List 2 below.].....	
4. What type of waste management is most used in that facility?[Enter code from List 3 below.].....	
5. What type of flooring is most used in that facility? [Enter code from List 4 below.].....	
6. If flooring is slatted (List 4, numbers 2 or 3), what type of material for slats is most used in that facility? [Enter code from List 5 below.].....	
7. What is the average # of Grower/Finisher Pigs per pen or other holding unit?.....	#animals
8. What is the average size of pens or other holding units that contain Grower/Finisher pigs (sq. ft.)?.....	sq. ft.

[ENUMERATOR NOTE: All-in, all-out management means that every single animal is removed from a pen, room, building, or site, and the swine areas are then cleaned and disinfected before any new animals arrive. If a facility is never completely empty of pigs, the management approach is referred to as continual flow.]

LIST 1 - Management	LIST 2 - Facility	LIST 3 - Waste Holding	LIST 4 - Flooring	LIST 5 - Slats
1. Continual flow 2. All swine removed, but swine pen/areas not cleaned and disinfected 3. All in, all out by room , with room cleaned and disinfected 4. All in, all out by building , with building cleaned and disinfected 5. All in, all out by site , with site cleaned and disinfected 6. Not applicable (e.g., no housing)	1. Total confinement (with mechanical ventilation) 2. Open building with no outside access 3. Open building with outside access 4. Lot with hut or no building 5. Pasture with hut or no building	1. None 2. Pit-holding 3. Mechanical scraper/ tractor 4. Hand-cleaned 5. Flush--under slats 6. Flush--open gutter 7. Other (Specify _____)	1. Solid surface 2. Partial slats 3. Completely slatted 4. Mats 5. Mesh 6. Dirt	1. Concrete 2. Metal 3. Plastic 4. Other

9. During the 6-month period of Dec. 1, 2011 , through May 31, 2012 , how many pigs entered the Grower/Finisher phase on this site (Include those that came from the nursery phase, purchases, and movements from other facilities.)?.....	Head
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10. Of these pigs (Item 9), how many head (or what percent) originated from:	Percent
a. On-site (e.g., nursery units on this site)?.....+	
b. Other sites inside this operation (e.g., nursery units belonging to this operation)?.....+	
c. Other sites outside this operation (e.g., farm-to-farm, contract or non-contract)?.....+	
d. An auction, sale barn, or livestock market?.....+	
e. Another source? (Specify _____).....+	
Total [Should equal 100% of Item 9]=	100%

ENUMERATOR NOTE: If Item 10a equals 100%, SKIP to Item 13.]

11. During the 6-month period of Dec. 1, 2011 , through May 31, 2012 , how many different off-site sources were used to fill the Grower/ Finisher units on this site?.....	Number
12. Were Grower/ Finisher pigs from different sources (on-site or off-site) commingled in the same facility?.....	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄

SECTION 5:**GROWER/FINISHER MANAGEMENT (continued)**

NOTE: Items 13-15 refer to pigs that entered the Grower/Finisher phase (Item 9) on this site during the period of Dec. 1, 2011, through May 31, 2012.

13. How many pigs died during the Grower/Finisher phase on this site of those that entered?.....	Head
[ENUMERATOR NOTE: If Item 13 equals ZERO (none died), SKIP to Item 15.]	
14. Of those that died (Item 13), what percentage of deaths were due primarily to: a. Scours? (e.g., <i>Lawsonia</i> , <i>E. coli</i> , TGE, <i>Salmonella</i> , or Swine dysentery).....+ b. Lameness?.....+ c. Injury or trauma? (tail biting, etc.).....+ d. Respiratory problems? (e.g., PRRS, PCVAD, <i>Mycoplasma</i> , <i>Actinobacillus</i> or Flu).....+ e. Stress?.....+ f. Other known problems? (Specify _____).....+ g. Unknown problems?.....+ Total died [Should equal 100% of Item 13]=	Percent
15. What was the average age of pigs, in number of days, when: a. They entered the Grower/Finisher units?..... b. They left the Grower/Finisher units?.....	Age in Days
16. Did you regularly give Grower/Finisher pigs on this site : a. Dewormer?..... b. Mange/lice treatment?.....	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄ <input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄
[ENUMERATOR NOTE: If NO Wean-to-Finish phase, SKIP TO Section 7. Otherwise, CONTINUE.]	

SECTION 6: WEAN-TO-FINISH MANAGEMENT

1. Which management approach best describes how the majority of animals in Wean-to-Finish phase on your site are managed? [<i>Enter code from List 1 below, and see Enumerator Note.</i>].....	
2. How many distinct age groups typically exist at one time in the Wean-to-Finish phase?.....	
3. What type of facility is used for the most animals in this Wean-to-Finish production phase? [<i>Enter code List 2 below.</i>].....	
4. What type of waste management is most used in that facility? [<i>Enter code from List 3 below.</i>].....	
5. What type of flooring is most used in that facility? [<i>Enter code from List 4 below.</i>].....	
6. If flooring is slatted (List 4, numbers 2 or 3), what type of material for slats is most used in that facility? [<i>Enter code from List 5 below.</i>].....	

ENUMERATOR NOTE: *All-in, all-out management means that every single animal is removed from a pen, room, building, or site, and the swine areas are then cleaned and disinfected before any new animals arrive. If a facility is never completely empty of pigs, the management approach is referred to as continual flow.*

LIST 1 - Management	LIST 2 - Facility	LIST 3 - Waste Holding	LIST 4 - Flooring	LIST 5 - Slats
1. Continual flow 2. All swine removed, but swine pen/areas not cleaned and disinfected 3. All in, all out by room , with room cleaned and disinfected 4. All in, all out by building , with building cleaned and disinfected 5. All in, all out by site , with site cleaned and disinfected 6. Not applicable (e.g., no housing)	1. Total confinement (with mechanical ventilation) 2. Open building with no outside access 3. Open building with outside access 4. Lot with hut or no building 5. Pasture with hut or no building	1. None 2. Pit-holding 3. Mechanical scraper/ tractor 4. Hand-cleaned 5. Flush--under slats 6. Flush--open gutter 7. Other (Specify _____)	1. Solid surface 2. Partial slats 3. Completely slatted 4. Mats 5. Mesh 6. Dirt	1. Concrete 2. Metal 3. Plastic 4. Other

7. During the 6-month period of **Dec. 1, 2011**, through **May 31, 2012**, how many pigs entered the **Wean-to-Finish phase** or the **Wean-to-Finish units on this site** (Include pigs weaned, purchases, and movements from other facilities.)?.....

8. Of these pigs (Item 7), what **percent** originated from:

	Percent
a. On-site (e.g., farrowing units on this site)?.....+	
b. Other sites inside this operation (e.g., farrowing units belonging to this operation)?.....+	
c. Other sites outside this operation (e.g., farm-to-farm, contract or non-contract)?.....+	
d. An auction, sale barn, or livestock market?.....+	
e. Another source? (Specify _____).....+	
Total [Should equal 100% of Item 7]=	100%

[ENUMERATOR NOTE: If Item 8a equals 100%, SKIP to Item 11.]

9. During the 6-month period of **Dec. 1, 2011**, through **May 31, 2012**, how many different **off-site** sources were used to fill the Wean-to-Finish units on this site?.....

10. Were Wean-to-Finish pigs from different sources (on-site or off-site) commingled in the same facility?.....

Yes₁ No₃ D/K₄

11. What was the **average age** of pigs, in number of days, when:

	Age in Days
a. They entered the Wean-to-Finish units?.....	
b. They left the Wean-to-Finish units (excluding those that left because of the Split (below) if applicable)?...	

12. Did you **regularly give** Wean-to-Finish pigs on **this site**:

a. Dewormer?.....	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄
b. Oral Vitamin D (as young pigs)?	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄
c. Mange/lice treatment?	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄

SECTION 6: WEAN-TO-FINISH MANAGEMENT (continued)

[ENUMERATOR NOTE: Explain to producer: in a wean-to-finish building, overstocking means to fill a pen with weaned pigs and then move some of them to another pen to provide more space at a certain size/age. This is called a Split.]

13. How often are buildings or units overstocked when they are first filled with

Always₁ Sometimes₂ Never₃ D/K₄

[ENUMERATOR NOTE: If Item 13 is NEVER or Don't Know, SKIP to Item 20.]

14. What **percentage** do you overstock by when first filling Wean-to-Finish buildings or units?.....

150% (1.5X)₁ 200% (2X)₂ 300% (3X)₃
 Other (write in percent) _____₄

15. What is the **average age** of pigs when you remove the excess ("Split")?.....

	Age in Days

NOTE: Items 16-19 refer to all pigs that entered the Wean-to-Finish phase on this site during the period of Dec. 1, 2011, through May 31, 2012 and were in the Wean-to-Finish phase BEFORE the Split.

16. What is the **average # of Wean-to-Finish Pigs** per pen or other holding

	#animals

17. What is the average **size** of pens or other holding units that contain Wean-to-Finish pigs (sq. ft.)?.....

	sq. ft.

18. Of **all pigs that entered the Wean-to-Finish phase** on this site, how many **died BEFORE** the

	Head

[ENUMERATOR NOTE: If Item 18 equals ZERO (none died), SKIP to NOTE before Item 20.]

19. Of those that died (Item 18). what **percentage** of deaths were due primarily to:

	Percent

+ a. Scours? (e.g., Rotavirus, Coccidiosis, <i>E. coli</i> , TGE, <i>Salmonella</i> , or <i>Clostridia</i>).....	
b. Starvation?.....+	
c. Lameness?.....+	
d. Respiratory problems? (e.g., PRRS, PCVAD, <i>Mycoplasma</i> , Rhinitis, <i>Actinobacillus</i> or Flu).....+	
+ e. CNS/meningitis? (e.g., <i>Hemophilus</i> , <i>Strep. suis</i> , or <i>E. coli</i> [edema disease]).....	
f. Stress?.....+	
+ g. Other known problems? (Specify _____).....	
+ h. Unknown problems?.....	
Total died [Should equal 100% of Item 18]=	100%

NOTE: Items 20-23 refer to pigs that entered the Wean-to-Finish phase on this site from Dec. 1, 2011, through May 31, 2012, and remained AFTER the split OR were there throughout the WHOLE phase if NO split (skipped from Item 13).

20. What is the average # of Wean-to-Finish Pigs per pen or other holding unit?.....	#animals
21. What is the average size of pens or other holding units that contain Wean-to-Finish pigs (sq. ft.)?.....	sq. ft.
22. Of all pigs that entered the Wean-to-Finish phase on this site, how many died <u>AFTER</u> the Split or <u>during the WHOLE phase</u> if NO Split?	Head

[ENUMERATOR NOTE: If Item 22 equals ZERO (none died), SKIP to Section 7.]

23. Of those that died (Item 22), what percentage of deaths were due primarily to:	Percent
a. Scours? (e.g., <i>E. coli</i> , TGE, <i>Salmonella</i> , <i>Clostridia</i> , or <i>Lawsonia</i> , etc.).....	
+ b. Starvation?.....	
+ c. Lameness?.....+	
d. Injury or trauma? (tail biting, etc.).....+	
e. Respiratory problems? (e.g., PRRS, PCVAD, <i>Mycoplasma</i> , Rhinitis, <i>Actinobacillus</i> or Flu).....+	
+ f. CNS/meningitis? (e.g., <i>Hemophilus</i> , <i>Strep. suis</i> , or <i>E. coli</i> [edema disease]).....	
+ g. Stress?.....	
+ h. Other known problems? (Specify _____).....	
+ i. Unknown problems?.....+	
Total died [Should equal 100% of Item 22]=	100%

SECTION 7: BIOSECURITY

1. What percentage of [read column headings] that were reported as having died on this site were disposed of by: [<i>If column heading N/A, enter zero.</i>]	Pigs Not Yet Weaned	Weaned Pigs and Older
---	----------------------------	------------------------------

a. Burial ON this site?.....+	%	%
b. Burning ON this site?.....+	%	%
c. Renderer pickup ON this site?.....+	%	%
d. Renderer pickup OUTSIDE of this site?.....+	%	%
e. Composting ON this site?.....+	%	%
f. Composting OUTSIDE of this site?.....+	%	%
g. Some other means? (Specify _____).....+	%	%
Total [Items 1a - 1g MUST EQUAL 100%]=	100%	100%

2. Are **[read column heading]** allowed to enter the hog and pig facility?.....

Business Visitor	Non-Bus. Visit.
<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃

3. Before entering the hog and pig facility, are **[read column heading]** required to:

	Employees	Business Visitor	Non-Bus. Visit.
a. Take a shower first?.....	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> N/A ₄	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> N/A ₄	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> N/A ₄
b. Change to clean boots and coveralls first?.....	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> N/A ₄	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> N/A ₄	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> N/A ₄
c. Use the "Bench" system?.....	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> N/A ₄	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> N/A ₄	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> N/A ₄
d. Wait 24 hours or more after visiting another hog site?.....	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> N/A ₄	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> N/A ₄	<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> N/A ₄

4. Do you allow trucks and trailers from commercial livestock transporters or animal haulers to enter your hog and pig site area? (Livestock includes cattle, poultry, and sheep, not just swine.).....

Yes₁ No₃

5. Before bringing livestock trucks and trailers on site to pick up pigs, do you require that the:

a. Animal area inside of truck be cleaned?.....

Yes₁ No₃

b. Animal area inside of truck be disinfected?.....

Yes₁ No₃

c. Outside of truck be cleaned?.....

Yes₁ No₃

d. Outside of truck be disinfected?.....

Yes₁ No₃

6. For **rodent control** on **this site**, do you use:

a. Cats?.....

Yes₁ No₃

b. Dogs?.....

Yes₁ No₃

c. Traps?.....

Yes₁ No₃

d. Bait or poison?.....

Yes₁ No₃

e. Professional exterminator?.....

Yes₁ No₃

f. Anything else? (Specify _____).....

Yes₁ No₃

7. To the nearest **quarter mile**, how many miles is it from **this site** to the nearest site with any swine?.....

Miles
. _ _

8. How many **sites with swine** are within **three miles** of this site?.....

of Sites

9. Are there feral pigs in this county (including pigs on hunting clubs or captive on farms)?.....

<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃ <input type="checkbox"/> D/K ₄
--

10. How many times in the last 12 months have feral/wild pigs been seen **on** this operation?

of Times

[ENUMERATOR NOTE: If Item 10 is ZERO, SKIP to Section 8.]

11. For any of the times that feral/wild pigs were seen **on** this operation, was there any evidence that the feral swine entered or gained access to facilities used to house swine or store feed?.....

<input type="checkbox"/> Yes ₁ <input type="checkbox"/> No ₃
--

SECTION 8: OVERALL SWINE FARM MANAGEMENT

1. During the 6-month period of **Dec. 1, 2011**, through **May 31, 2012**, how many hogs and pigs were **sold** or **permanently moved off this site**? (Include those sold or moved off under a contract arrangement. Include hogs and pigs sold for all uses: market hogs, feeder pigs, replacement stock, cull breeding stock, etc.).....

Head

[ENUMERATOR NOTE: If ZERO head, SKIP to Item 3].

2. The next question asks about how often one or more pigs were sent to various destinations during the period of **Dec. 1, 2011**, through **May 31, 2012**. What was the type of **pig**, type of **destination** for that type of pig, **percent of head** in Item 1 shipped this way, the **number** of shipments in each category [denoted by column 1 and 2], and the **usual** [for each category of type of destination, in miles] **distance** traveled to the destination, and did these shipments **ever cross a state line**?

[ENUMERATOR NOTE: The same TYPE OF PIG code may be recorded more than once for different TYPES OF DESTINATIONS] AND COLUMN 3 MUST ADD TO 100% of Item 1.

					Of all shipment to each destination for each type of pig		
1		2		3	4	5	6
LINE	Type of Pig (code from List 7 below)	Type of Destination (code from List 8 below)	Percent of head (Item 1) shipped this way. MUST ADD TO 100% of Item 1.	Number of shipments to destination Dec. 1, 2011, through May 31, 2012	Usual distance traveled to destination? (based on all trips- in miles, one-way)	Do Shipments ever cross state lines? Yes ¹ No ³ D/K ⁴	
	a.						
b.							
c.							
d.							
e.							
f.							
g.							
h.							

LIST 7 – Type of Pig				LIST 8 – Type of Destination			
1. Nursery piglets less than 60 lbs. 2. Feeder pigs, or pigs in weight range 60 to 249 pounds 3. Market hogs, or hogs ≥ 250 pounds 4. Breeding animal (intended for use in breeding, whether permanent or temporary move) 5. Culls (of any type, e.g., sow, gilt, or boar)				1. Directly to Slaughter 2. Sales/auction 3. Dealer 4. Show/fair 5. Feedlot/feed yard 6. Another operation 7. Another site that is part of this operation (e.g., nursery)			

3. During the past **3 years**, on **this site**, how many times did anyone test:

a. Ground water (such as for nitrates or pathogens)?.....	# Times/3 yrs
b. Nutrient content of manure (such as nitrogen level)?.....	
c. Air quality (such as ammonia or hydrogen sulfide levels)?.....	

[ENUMERATOR NOTE: For Item 4, each veterinary visitor must be classified into one role.]

4. The next two questions are about veterinary visits to **this site** during the **past 12 months** for any purpose. How many times was your site visited by a person who was a:

a. Local veterinary practitioner?.....	# Visits/ 12 months

b. Consulting or second-opinion veterinarian?.....

c. On-staff veterinarian ("company vet")?.....

d. State or Federal veterinarian?.....

e. Other type of veterinarian? (Specify _____).....

SECTION 9:

CONCLUSION

a. Request signature on VMO CONSENT FORM IF TOTAL INVENTORY on the operation JUNE 1, 2012, is **100 HEAD OR MORE**.

b. RESPONDENT LOCATION AND OTHER COMMENTS [describe location only if operator signs consent form]:

c. ENTER INTERVIEW RESPONSE CODE

- [1] No hogs on June 1, 2012: not eligible for this survey.
- [2] Out of business.
- [3] Refusal of General Swine Farm Report.
- [4] Complete, and VMO consent.
- [5] Complete: refused VMO consent.
- [6] Complete: ineligible for VMO (**less than 100 pigs**).
- [7] Out of scope for General Swine Farm Report.
- [9] Inaccessible.

Code
2000

[ENUMERATOR NOTE: If Item C equals code 3 or 5, then select the code below that best fits.]

- [1] Does not want to commit time to the project.
- [2] Does not want involvement with government veterinarian.
- [3] Does not have necessary records available.
- [4] Has participated in too many surveys.
- [5] Does not want outside people on the swine operation.
- [6] A bad time of year (planting, harvesting, second job, etc.)
- [7] Currently has or recently had disease problem with herd.
- [8] Believes that surveys and reports hurt the farmer more than help.
- [9] Could not get Owner/Contractor permission.
- [10] No reason given, or other miscellaneous reasons.

Code
2001

ENDING TIME [MILITARY].
 . . .

2002

Respondent's name: _____ Phone: _____ Date: _____

Response	Respondent	Mode	Enum.	Eval.	Office Use for POID
1-Comp	9901	1-Op/Mgr	9902	1-Mail	9903
2-R		2-Sp		2-Tel	098
3-Inac		3-Acct/Bkpr		3-Face-to-Face	100
4-Office Hold		4-Partner		4-CATI	789
5-R – Est		9-Oth		5-Web	
6-Inac – Est				6-e-mail	
7-Off Hold – Est				7-Fax	
8-Known Zero				8-CAPI	
				19-Other	
S/E Name					