



Animal and  
Plant Health  
Inspection  
Service

Veterinary  
Services

# Swine 2012 VS Visit

National Animal Health  
Monitoring System

2150 Centre Ave., Bldg. B  
Fort Collins, CO  
80526-8117

Form Approved  
OMB Number 0579-0315  
Approval Expires: March 2013

State FIPS: _____ 2 digits	Operation #: _____ 4 digits	Site #: _____ 2 digits	Interviewer: _____ initials	Date: ____/____/____ mm/dd/yy
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Arrival time at site: \_\_\_\_\_

## Section 1—Today's Inventory

**INTERVIEWER'S INSTRUCTION:** It is important that you and the Producer complete this questionnaire for the **same sites** for which NASS completed the General Swine Farm Questionnaire (GSFQ). **Before** your visit, fill in the shaded column below using the **site** inventory (or operation inventory if there is only one site) found in Section 2, Question 1 (p 2) of the GSFQ.

Then complete the Today's Inventory column during your visit. By using the GSFQ numbers as a comparison, you should be able to confirm that you and the Producer are considering the same site when completing this questionnaire. Note that the numbers may not match exactly but will probably be similar.

From GSFQ questionnaire (Section 2, Question 1):		On hand on June 1:	<u>Today</u> , how many hogs and pigs are:		Today's inventory
a	Sows and bred gilts for breeding		a	Sows and bred gilts for breeding? v100	
b	Unmated replacement gilts in the breeding herd		b	Unmated replacement gilts in the breeding herd? v101	
c	Unmated replacement gilts for breeding not yet in the breeding herd		c	Unmated replacement gilts for breeding not yet in the breeding herd? v102	
d	Suckling pigs		d	Suckling pigs? v103	
e	Boars and young males for breeding, including teaser boars		e	Boars and young males for breeding, including teaser boars? v104	
f	Cull sows, gilts, and boars		f	Cull sows, gilts and boars? v105	
g	Weaned market hogs under 60 pounds		g	Weaned market hogs under 60 pounds? v106	
h	Market hogs 60 pounds and over, excluding cull sows, gilts, and boars		h	Market hogs 60 pounds and over, excluding cull sows, gilts, and boars? v107	
i	Total number for this site as of June 1, 2012		i	Total number of hogs and pigs on this site today? v108	

➔ **NOTE: If the Interviewee has electronic or paper records that would assist this process, ask him/her to bring them out now.**

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 0572-0315. The time required to complete this information collection is estimated to average 1.0 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-291  
SEPT 2012**

## Section 2—Sows and Breeding-age Gilts

This section asks questions about sows and breeding-age gilts that are in the breeding herd. The term "breeding females" is used to describe these pigs for the following questions.

1. During the last 12 months, did this site have any **breeding females**?.....v200 <sub>1</sub> Yes <sub>3</sub> No

**[If Question 1 = No, SKIP to Section 3.]**

2. During the last 12 months, were the following disease problems present in breeding females? [DK = Don't know]
- |  |      |                          |     |                          |    |                          |    |
|--|------|--------------------------|-----|--------------------------|----|--------------------------|----|
| a. APP ( <i>Actinobacillus pleuropneumoniae</i> ).....                         | v201 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| b. PRRS (porcine reproductive and respiratory syndrome) .....                  | v202 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| c. <i>Mycoplasma pneumonia</i> .....   | v203 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| d. Influenza .....   | v204 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| e. <i>Salmonella</i> .....   | v205 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| f. Swine dysentery .....   | v206 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| g. TGE (transmissible gastroenteritis) .....                                   | v207 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| h. Gastric ulcers .....  | v208 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| i. Porcine circovirus 2 (PCVAD, formerly known as PMWS) .....                  | v209 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| j. Ileitis / Proliferative enteritis ( <i>Lawsonia intracellularis</i> ) ..... | v210 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| k. Leptospirosis .....   | v211 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| l. Parvovirus .....  | v212 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| m. Erysipelas.....   | v213 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| n. Glasser's disease ( <i>Haemophilus parasuis</i> ).....                      | v214 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| o. Roundworms .....  | v215 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| p. Mange .....   | v216 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| q. Lice .....  | v217 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| r. Other disease problems (specify: _____) v218oth..                           | v218 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
3. Were breeding females on this site during the last 12 months vaccinated at any time (including prior to their arrival on this site) against the following diseases?
- |   |      |                          |     |                          |    |                          |    |
|---|------|--------------------------|-----|--------------------------|----|--------------------------|----|
| a. APP ( <i>Actinobacillus pleuropneumoniae</i> ).....                        | v219 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| b. <i>Actinobacillus suis</i> (autogenous) .....                              | v220 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| c. Atrophic rhinitis ( <i>Bordetella/Pasteurella</i> ) .....                  | v221 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| d. <i>Clostridium difficile</i> (autogenous) .....                            | v222 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| e. <i>Clostridium perfringens</i> Type A .....                                | v223 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| f. <i>Clostridium perfringens</i> Types C and D .....                         | v224 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| g. Erysipelas .....   | v225 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| h. E. coli (K88, K99, 987P, F41).....   | v226 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| i. Glasser's disease ( <i>Haemophilus parasuis</i> ).....                     | v227 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| j. Ileitis / Proliferative enteritis ( <i>Lawsonia intracellularis</i> )..... | v228 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| k. Influenza .....  | v229 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| l. Leptospirosis .....  | v230 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| m. <i>Mycoplasma hyopneumoniae</i> .....                                      | v231 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| n. Parvovirus .....   | v232 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| o. Porcine circovirus 2 .....   | v233 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| p. PRRS.....  | v234 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| q. Rotavirus .....  | v235 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| r. <i>Salmonella</i> .....  | v236 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| s. <i>Streptococcus suis</i> .....  | v237 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| t. TGE (transmissible gastroenteritis).....                                   | v238 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |
| u. Other vaccinations (specify: _____) v239oth .                              | v239 | <input type="checkbox"/> | Yes | <input type="checkbox"/> | No | <input type="checkbox"/> | DK |

**[If Question 3p = No or Don't Know, SKIP to Question 6.]**

4. Are breeding females usually vaccinated against **PRRS** during the following time periods?
- a. Prior to entering the breeding herd (i.e., as young pigs)..... v240 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - b. As gilts at time of entering the breeding herd..... v241 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - c. During gestation up to 4 weeks **before** farrowing..... v242 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - d. During the **last** 4 weeks of gestation..... v243 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - e. From farrowing to weaning..... v244 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - f. After weaning through breeding/mating ..... v245 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - g. At regular intervals, regardless of reproductive stage..... v246 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - h. In response to a PRRS outbreak (i.e., whole herd exposure via vaccination).. v247 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK

**[If all Questions 4b-4h = No or Don't Know, SKIP to Question 6.]**

5. Were the following types of PRRS vaccines used in **breeding females** during the last 12 months?
- a. Commercial modified live PRRS vaccine ..... v248 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - b. Autogenous PRRS vaccine (killed) ..... v249 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
6. Have the following measures been taken **specifically** to control or eliminate PRRS in breeding females on this site in the last 12 months? *[Check No if measure is taken but **not specifically** to control/eliminate PRRS.]*
- a. Expose replacement gilts via infected (seeder) animals..... v250 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - b. Expose replacement gilts via feedback of tissues from infected animals ..... v251 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - c. Expose only replacement gilts via live virus inoculation (LVI) using serum from infected animals ..... v252 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - d. Expose breeding herd via live virus inoculation (LVI) using serum from infected animals ..... v253 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - e. Segregate gilts from breeding herd (parity segregation) so that they enter the sow herd after weaning their first litter ..... v254 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - f. Depopulate whole herd ..... v255 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - g. Temporarily cease introduction of replacement gilts (roll-over; herd closure) .... v256 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
    - If Yes:
      - i. For how many weeks were introductions interrupted?..... v257 \_\_\_\_\_ weeks
      - ii. Was an off-site breeding project used?..... v258 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - h. Introduce PRRS-negative replacement gilts ..... v259 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - i. Introduce PRRS-positive replacement gilts (exposed, recovered, immune, and nonshedding)..... v260 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - j. Use semen only from boars that are PRRS negative and monitored ..... v261 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - k. Use air filtration system..... v262 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - l. Other measures not including vaccination (specify: \_\_\_\_\_) v263oth v263 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK

Question 7—Codes for PRRS Herd Status Category	
1 – Unknown	4 – Positive stable undergoing elimination
2 – Positive unstable	5 – Provisional negative
3 – Positive stable	6 – Negative

7. What is the PRRS status of the breeding herd? *[Use the attached sheet to identify the PRRS status of the breeding herd and then enter corresponding status code from list above.]*..... v264 \_\_\_\_\_ code

**[If Question 3k = No or Don't Know, SKIP to Question 10.]**

8. Are breeding females usually vaccinated against influenza during the following time periods?
- a. Prior to entering the breeding herd (i.e., as young pigs)..... v265 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - b. As gilts at time of entering the breeding herd..... v266 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - c. During gestation up to 4 weeks **before** farrowing..... v267 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - d. During the **last** 4 weeks of gestation..... v268 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - e. From farrowing to weaning..... v269 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - f. After weaning through breeding/mating ..... v270 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - g. At regular intervals, regardless of reproductive stage..... v271 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK

**[If all Questions 8b-8g = No or Don't Know, SKIP to Question 10.]**

9. Were the following types of influenza vaccines used in **breeding females** during the last 12 months?
- a. Commercial influenza vaccine (killed)..... v272 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - b. Autogenous influenza vaccine (killed)..... v273 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
10. During the last 12 months, were any breeding females given antibiotics to **treat** disease conditions? [*Answer NA if no disease in breeding females.*] ..... v274 <sub>1</sub> Yes <sub>2</sub> NA <sub>3</sub> No

11. During the last 12 months, were the following disease problems present in **preweaned** (suckling) pigs?
- a. PRRS..... v275 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - b. Influenza..... v276 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - c. Undifferentiated pneumonia ..... v277 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - d. TGE (transmissible gastroenteritis)..... v278 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - e. Rotavirus ..... v279 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - f. *E. coli* (colibacillosis) ..... v280 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - g. Coccidiosis ..... v281 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - h. *Salmonella*..... v282 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - i. *Clostridium* ..... v283 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - j. *Strep. suis* (meningitis, polyserositis, arthritis) ..... v284 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - k. Greasy pig disease (*Staph. hyicus*) ..... v285 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - l. Navel infections (perhaps with swollen joints) ..... v286 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - m. Other disease problems in preweaned pigs (specify: \_\_\_\_\_) v287oth v287 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK

## Section 3—Nursery Pigs

1. During the last 12 months, did this site raise weaned pigs in a nursery unit, grower/finisher unit, or wean-to-finish unit? ..... v300 <sub>1</sub> Yes <sub>3</sub> No
- [If Question 1 = No, SKIP to Section 6.]**
2. During the last 12 months, did this site raise **all** weaned pigs in a **wean-to-finish** unit? ..... v301 <sub>1</sub> Yes <sub>3</sub> No
- [If Question 2 = Yes, SKIP to Section 5.]**
3. During the last 12 months, did this site raise pigs in a **nursery phase**? ..... v302 <sub>1</sub> Yes <sub>3</sub> No
- [If Question 3 = No, SKIP to Section 4.]**

This section asks questions about “nursery pigs,” which are weaned pigs in a nursery production phase.

4. During the last 12 months, were the following disease problems present in nursery pigs? If Yes, what percent of the age group was affected during the most recent occurrence of the disease?

				If Yes, percent of age group affected
a. APP ( <i>Actinobacillus pleuropneumoniae</i> ).....v303/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
b. Glasser's disease ( <i>Haemophilus parasuis</i> ).....v304/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
c. <i>Mycoplasma pneumonia</i> .....v305/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
d. Influenza.....v306/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
e. PRRS (porcine reproductive and respiratory syndrome) .....v307/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
f. <i>Salmonella</i> .....v308/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
g. <i>E.coli</i> diarrhea .....v309/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
h. Swine dysentery .....v310/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
i. TGE (transmissible gastroenteritis).....v311/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
j. Other diarrhea .....v312/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
k. Edema disease ( <i>E.coli</i> enterotoxemia) .....v313/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
l. Porcine circovirus 2 (PCVAD, formerly known as PMWS) .....v314/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
m. Porcine dermatitis and nephropathy syndrome (PDNS) .....v315/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
n. Greasy pig disease ( <i>Staph.hyicus</i> ) .....v316/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
o. <i>Strep. suis</i> ( <i>Strep. meningitis</i> ) .....v317/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
p. Roundworms .....v318/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
q. Mange.....v319/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
r. Lice .....v320/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
s. Other disease problems (specify:_____ ) v321oth ... v321/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %

**[If Question 4h = No or Don't Know, SKIP to Question 6.]**

5. Of the Question 4h nursery pigs (those affected by swine dysentery), what percentage:
- a. Were treated?.....v322 \_\_\_\_\_ %
- b. Died? .....v323 \_\_\_\_\_ %

6. Were nursery pigs on this site during the last 12 months vaccinated at any time against the following diseases?
- a. APP (*Actinobacillus pleuropneumoniae*) ..... v324 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - b. *Actinobacillus suis* (autogenous) ..... v325 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - c. Atrophic rhinitis (*Bordetella/Pasteurella*) ..... v326 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - d. *Clostridium difficile* (autogenous) ..... v327 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - e. *Clostridium perfringens* Type A ..... v328 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - f. *Clostridium perfringens* Types C and D ..... v329 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - g. Erysipelas ..... v330 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - h. *E. coli* (K88, K99, 987P, F41) ..... v331 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - i. Glasser's disease (*Haemophilus parasuis*) ..... v332 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - j. Ileitis (*Lawsonia intracellularis*) ..... v333 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - k. Influenza ..... v334 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - l. Leptospirosis ..... v335 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - m. *Mycoplasma hyopneumoniae* ..... v336 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - n. Porcine circovirus 2 (PCVAD, formerly known as PMWS) ..... v337 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - o. PRRS ..... v338 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - p. Rotavirus ..... v339 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - q. *Salmonella* ..... v340 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - r. *Streptococcus suis* ..... v341 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - s. TGE (transmissible gastroenteritis) ..... v342 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - t. Other vaccinations (specify: \_\_\_\_\_) v343oth ... v343 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK

**[If Question 6k = No or Don't Know, SKIP to Question 10.]**

7. Are pigs usually vaccinated against influenza while in the nursery phase? .....v344 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK

**[If Question 7 = No or Don't Know, SKIP to Question 10.]**

8. At what age (in weeks since birth) do pigs receive doses of influenza vaccine?  
[Please give pig age for all doses given regardless of production phase.]
- a. 1st dose .....v345 \_\_\_\_\_ weeks
  - b. 2nd dose [Write in "NA" if only one dose given.] .....v346 \_\_\_\_\_ weeks
  - c. 3rd dose [Write in "NA" if only one or two doses given.] .....v347 \_\_\_\_\_ weeks
9. Were the following types of influenza vaccines used in nursery pigs during the last 12 months?
- a. Commercial influenza vaccine (killed) ..... v348 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - b. Autogenous influenza vaccine (killed) ..... v349 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK

Question 10—Action Codes	
1 – Have not had clinical respiratory disease in nursery pigs during last 12 months	4 – Treated all pigs in same pen with clinically ill pigs with antibiotics
2 – Did not treat any pigs with antibiotics	5 – Treated all pigs in same pen and pens adjacent to clinically ill pigs with antibiotics
3 – Treated only clinically ill pigs with antibiotics	6 – Treated all pigs in entire room with clinically ill pigs with antibiotics (all pigs with shared airspace)

10. For the **most recent** occurrence of a respiratory disease outbreak in nursery pigs during the last 12 months, which option from the code list above best describes the action taken?  
[Enter one code only from list above. Antibiotics can be given in water/feed or by injection.] ..... v350 \_\_\_\_\_ code
11. How many groups completed the nursery phase during the last **6 months**? ..... v351 \_\_\_\_\_ groups

Medications Given by Injection

12. During the last 6 months, were any medications given by **injection** for any reason to nursery pigs? .....v352 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK

**[If Question 12 = No or Don't Know, SKIP to Question 14.]**

Question 13—Primary Reason Codes	
1 – Growth promotion	5 – Polyserositis/meningitis treatment
2 – Disease prevention/control	6 – Parasite treatment/deworming
3 – Respiratory disease treatment	7 – Other treatment
4 – Enteric (intestinal or GI) disease treatment	(specify: _____) v353oth

13. *[Show medication list to respondent.]* For any medications given by **injection** for any reason in the last 6 months to nursery pigs, enter the **primary** reason given *[enter one code only from list above]* and the average **number** of pigs per age group that received medication.

Active ingredient	Trade name (example)		Primary reason code	Average number pigs medicated per age group
a. Ampicillin	Polyflex	v353/a	_____	_____
b. Amoxicillin	Amoxi-Inject	v354/a	_____	_____
c. Ceftiofur	Excenel; Naxcel; Excede	v355/a	_____	_____
d. Enrofloxacin	Baytril 100	v356/a	_____	_____
e. Erythromycin	Erythro	v357/a	_____	_____
f. Florfenicol	Nuflor	v358/a	_____	_____
g. Gentamicin	Garacin	v359/a	_____	_____
h. Lincomycin	Lincocin	v360/a	_____	_____
i. Oxytetracycline	LA200; Oxytet; Biomycin	v361/a	_____	_____
j. Penicillin benzathine	BP48, long-acting Pen	v362/a	_____	_____
k. Penicillin G Potassium	Pen-G	v363/a	_____	_____
l. Tulathromycin	Draxxin	v364/a	_____	_____
m. Tylosin	Tylan	v365/a	_____	_____
n. Dexamethasone	Glucortin-20	v366/a	_____	_____
o. Doramectin	Dectomax	v367/a	_____	_____
p. Flunixin meglumine	Banamine S	v368/a	_____	_____
q. Isoflupredone	Predef 2x	v369/a	_____	_____
r. Ivermectin	Ivomec	v370/a	_____	_____
s. Levamisole	Tramisol; Levasole	v371/a	_____	_____
t. Vitamin A, D, E		v372/a	_____	_____
u. Other medications (specify: _____)		v373oth v373/a	_____	_____

Medications Given by Water

14. During the last 6 months, were any medications given by **water** for any reason to nursery pigs? ..... v374 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK

**[If Question 14 = No or Don't Know, SKIP to Question 16.]**

Question 15—Primary Reason Codes	
1 – Growth promotion	5 – Polyserositis/meningitis treatment
2 – Disease prevention/control	6 – Parasite treatment/deworming
3 – Respiratory disease treatment	7 – Other treatment
4 – Enteric (intestinal or GI) disease treatment	(specify: _____) v375oth

15. [Show medication list to respondent.] For any medications given by **water** for any reason in the last 6 months to nursery pigs, enter the **primary** reason given [enter one code only from list above] and **total** number of **days** medication was given in the water.

Active ingredient	Trade name (example)		Primary reason code	Total days in water per age group
a. Amoxicillin		v375/a	_____	_____
b. Bacitracin	BMD soluble	v376/a	_____	_____
c. Chlortetracycline	CTC; Aureomycin sol	v377/a	_____	_____
d. Chlortetracycline/sulphamethazine	Aureo Sulmet Soluble powder	v378/a	_____	_____
e. Florfenicol	Nuflor 2.3% concentrate solution	v379/a	_____	_____
f. Gentamicin	GentaMed soluble powder	v380/a	_____	_____
g. Levamisole	Tramisol	v381/a	_____	_____
h. Lincomycin	LinxMed soluble powder	v382/a	_____	_____
i. Lincomycin/Spectinomycin	LS50	v383/a	_____	_____
j. Neomycin	Neosol; Neomix	v384/a	_____	_____
k. Oxytetracycline	Oxytet sol; Terramycin	v385/a	_____	_____
l. Penicillin G Potassium	PenAqua Sol G	v386/a	_____	_____
m. Piperazine	Wazine	v387/a	_____	_____
n. Spectinomycin	Spectam sol; SpectoGard	v388/a	_____	_____
o. Sulfachlorpyridazine	Sulid	v389/a	_____	_____
p. Sulfadimethoxine	Albon	v390/a	_____	_____
q. Sulfamethazine	Sulmet	v391/a	_____	_____
r. Tetracycline	Polyotic; Solutet; Duramycin; Tet-Sol	v392/a	_____	_____
s. Tiamulin	Denagard Liquid Concentrate	v393/a	_____	_____
t. Trimethoprim/Sulfadiazine	TMP/Sulfa; Tribriksen	v394/a	_____	_____
u. Tylosin	Tylan	v395/a	_____	_____
v. Virginiamycin	Stafac	v396/a	_____	_____
w. Salicylic Acid	Aspirin	v397/a	_____	_____
x. Vitamin D	Oral-Pro Vitamin D plus E	v398/a	_____	_____
y. Vitamin E		v399/a	_____	_____
z. Other medications (specify: _____)		v3000oth v3000/a	_____	_____



Medications Given by Feed

16. During the last 6 months, were any medications given by **feed** for any reason to nursery pigs? ..... v3001 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK

**[If Question 16 = No or Don't Know, SKIP to Question 18.]**

Question 17—Primary Reason Codes	
1 – Growth promotion	5 – Polyserositis/meningitis treatment
2 – Disease prevention/control	6 – Parasite treatment/deworming
3 – Respiratory disease treatment	7 – Other treatment
4 – Enteric (intestinal or GI) disease treatment	(specify: _____) v3002oth

17. [Show medication list to respondent.] For any medications given by **feed** for any reason during the last 6 months to nursery pigs, enter the **primary** reason given [enter one code only from list above], **average starting age** (in weeks since birth) of pigs when medications began, **total** number of **days** medication was given in feed, and **dose** in grams per ton.

	Active ingredient	Trade name (example)		Primary reason code	Average starting age (weeks)	Total days in feed per age group	Dose (g/ton)
a.	Bacitracin Methylene Disalicylate	BMD; Pennitracin	v3002/ a/b/c	_____	_____	_____	_____
b.	Bacitracin Zinc	Albac	v3003/ a/b/c	_____	_____	_____	_____
c.	Bambermycins	Flavomycin	v3004/ a/b/c	_____	_____	_____	_____
d.	Carbadox	Mecadox	v3005/ a/b/c	_____	_____	_____	_____
e.	Carbadox/Oxytetracycline	Mecadox Terramycin 10/10	v3006/ a/b/c	_____	_____	_____	_____
f.	Chlortetracycline	Aureomycin; ChlorMax	v3007/ a/b/c	_____	_____	_____	_____
g.	Chlortetracycline/Sulfathiazole/Penicillin	CSP 250	v3008/ a/b/c	_____	_____	_____	_____
h.	Chlortetracycline/Sulfamethazine/Penicillin	ASP 250; Chlormax 250	v3009/ a/b/c	_____	_____	_____	_____
i.	Florfenicol	Nuflor	v3010/ a/b/c	_____	_____	_____	_____
j.	Lincomycin	Lincomix	v3011/ a/b/c	_____	_____	_____	_____
k.	Neomycin/Terramycin	NeoTerramycin; Neo-Oxy	v3012/ a/b/c	_____	_____	_____	_____
l.	Oxytetracycline	Pennox; Terramycin	v3013/ a/b/c	_____	_____	_____	_____
m.	Tiamulin	Denagard	v3014/ a/b/c	_____	_____	_____	_____
n.	Tilmicosin	Pulmotil	v3015/ a/b/c	_____	_____	_____	_____
o.	Tylosin	Tylan	v3016/ a/b/c	_____	_____	_____	_____
p.	Tylosin/Sulfamethazine	Tylan 40 Sulfa-G	v3017/ a/b/c	_____	_____	_____	_____
q.	Tylosin/Ractopamine		v3018/ a/b/c	_____	_____	_____	_____
r.	Virginiamycin	Stafac	v3019/ a/b/c	_____	_____	_____	_____
s.	Dichlorvos	Atgard	v3020/ a/b/c	_____	_____	_____	_____
t.	Doramectin		v3021/ a/b/c	_____	_____	_____	_____
u.	Fenbendazole	Safeguard	v3022/ a/b/c	_____	_____	_____	_____
v.	Ivermectin	Ivomec	v3023/ a/b/c	_____	_____	_____	_____
w.	Levamisole	Tramisol	v3024/ a/b/c	_____	_____	_____	_____
x.	Pyrantel tartrate	Banmith	v3025/ a/b/c	_____	_____	_____	_____
y.	Ractopamine	Paylean	v3026/ a/b/c	_____	_____	_____	_____
z.	Zinc oxide		v3027/ a/b/c	_____	_____	_____	_____
aa.	Other medications (specify: _____) v3028oth			_____	_____	_____	_____

18. Are the following ingredients in any of the nursery diets?
- a. Tallow (animal fat from cattle or sheep) ..... v3029 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - b. Lard or choice white grease (pork fat)..... v3030 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - c. Other **animal fat** (specify: \_\_\_\_\_) v3031oth .. v3031 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - d. Soybean oil..... v3032 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - e. Corn oil ..... v3033 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - f. Other **vegetable fat** (specify: \_\_\_\_\_) v3034oth... v3034 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - g. Molasses ..... v3035 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - h. Spray dried plasma ..... v3036 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - i. Blood meal, serum albumin, or other blood products ..... v3037 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - j. Mucosal products such as dried porcine soluble or PEP products..... v3038 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - k. Fish meal..... v3039 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - l. Feather meal ..... v3040 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - m. Meat meal or meat-and-bone meal ..... v3041 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - n. Soybean meal or other vegetable protein source ..... v3042 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - o. Other **protein** sources (specify: \_\_\_\_\_) v3043oth .. v3043 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - p. Bakery/food manufacture byproducts (not table waste)..... v3044 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - q. Distiller's dried grain and solubles (DDGS)..... v3045 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
    - i. If Yes, what is the average percentage of DDGS in the diet? ..... v3046 \_\_\_\_\_%

19. How many different rations are routinely fed to nursery pigs while they are in the nursery production phase? ..... v3047 \_\_\_\_\_ rations

20. How many of the different rations fed to nursery pigs are:

- a. Meal/mash? ..... v3048 \_\_\_\_\_ rations
- b. Pellet?..... v3049 \_\_\_\_\_ rations
- c. Liquid? ..... v3050 \_\_\_\_\_ rations
- d. Other? (specify: \_\_\_\_\_) v3051oth..... v3051 \_\_\_\_\_ rations
- e. Total rations (*should equal answer to Question 19*) ..... v3052 \_\_\_\_\_ rations

21. Is the **last** ration fed to nursery pigs before they leave the production phase:

[Check one only and enter code.]

- <sub>1</sub> Mixed by the farm on site?
- <sub>2</sub> Mixed by the farm/company but off site?
- <sub>3</sub> Custom-mixed off farm?
- <sub>4</sub> Purchased as a commercial diet?
- <sub>5</sub> Other? (specify: \_\_\_\_\_) v3053oth ..... v3053 \_\_\_\_\_ code

22. On average, what is the **total amount** of feed (on an as-fed basis) a pig consumes while in the nursery phase? ..... v3054 \_\_\_\_\_ lb/pig

23. If the **bulk** feed bins used for nursery pigs on this site were all filled today, how many days, on average, would it take for them to run empty? ..... v3055 \_\_\_\_\_ days

24. How many shipments of pigs left this nursery site to the following destinations from December 1, 2011, through May 31, 2012?

Destination	Number of shipments	Distance to closest destination (miles)	Distance to farthest destination (miles)	Number of shipments that crossed State lines	If shipped out of State, destination State(s)
a. Grower/finisher site	_____ v3056	_____ a	_____ b	_____ c	_____ d
b. Slaughter plant as culled pigs	_____ v3057	_____ a	_____ b	_____ c	_____ d
c. Auction/livestock market	_____ v3058	_____ a	_____ b	_____ c	_____ d
d. Other (specify: _____) v3059oth	_____ v3059	_____ a	_____ b	_____ c	_____ d

## Section 4—Grower/finisher Pigs

This section asks questions about “**grower/finisher pigs**,” which are weaned pigs in a grower/finisher production phase.

1. During the last 12 months, did this site raise pigs in a **grower/finisher phase**? .....v400 <sub>1</sub> Yes <sub>3</sub> No

**[If Question 1 = No, SKIP to Section 5.]**

2. During the last 12 months, were the following disease problems present in grower/finisher pigs? If Yes, what percent of the age group was affected during the most recent occurrence of the disease?

**If Yes,  
percent of  
age group  
affected**

a. APP ( <i>Actinobacillus pleuropneumoniae</i> ) .....	v401/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
b. Glasser's disease ( <i>Haemophilus parasuis</i> ) .....	v402/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
c. <i>Mycoplasma pneumoniae</i> .....	v403/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
d. Influenza .....	v404/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
e. PRRS (porcine reproductive and respiratory syndrome) .....	v405/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
f. <i>Salmonella</i> .....	v406/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
g. Atrophic rhinitis .....	v407/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
h. Swine dysentery .....	v408/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
i. Hemorrhagic bowel syndrome .....	v409/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
j. Ileitis ( <i>Lawsonia intracellularis</i> ) .....	v410/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
k. Gastric ulcers .....	v411/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
l. Erysipelas .....	v412/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
m. Porcine circovirus 2 (PCVAD, formerly known as PMWS) .....	v413/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
n. Porcine dermatitis and nephropathy syndrome (PDNS) .....	v414/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
o. Roundworms .....	v415/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
p. Mange.....	v416/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
q. Lice .....	v417/a	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %
r. Other disease problems (specify: _____) .....	v418both	<input type="checkbox"/> <sub>1</sub> Yes	<input type="checkbox"/> <sub>3</sub> No	<input type="checkbox"/> <sub>4</sub> DK	_____ %

**[If Question 2h = No or Don't Know, SKIP to Question 4.]**

3. Of the Question 2h pigs (those affected by swine dysentery), what percentage:
- a. Were treated? ..... v419 \_\_\_\_\_ %
- b. Died? ..... v420 \_\_\_\_\_ %

4. Were grower/finisher pigs on this site during the last 12 months vaccinated at any time against the following diseases?
- a. APP (*Actinobacillus pleuropneumoniae*)..... v421 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - b. *Actinobacillus suis* (autogenous)..... v422 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - c. Atrophic rhinitis (*Bordetella/Pasteurella*) ..... v423 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - d. *Clostridium difficile* (autogenous) ..... v424 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - e. *Clostridium perfringens* Type A..... v425 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - f. *Clostridium perfringens* Types C and D ..... v426 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - g. Erysipelas ..... v427 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - h. *E. coli* (K88, K99, 987P, F41)..... v428 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - i. Glasser's disease (*Haemophilus parasuis*)..... v429 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - j. Ileitis (*Lawsonia intracellularis*) ..... v430 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - k. Influenza ..... v431 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - l. Leptospirosis ..... v432 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - m. *Mycoplasma hyopneumoniae* ..... v433 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - n. Porcine circovirus 2 (PCVAD, formerly known as PMWS) ..... v434 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - o. PRRS..... v435 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - p. *Salmonella*..... v436 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - q. TGE (transmissible gastroenteritis) ..... v437 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - r. Other vaccinations (specify: \_\_\_\_\_) v438both ... v438 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK

**[If Question 4k = No or Don't Know, SKIP to Question 8.]**

5. Are pigs usually vaccinated against influenza while in the grower/finisher phase? v439 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK

**[If Question 5 = No or Don't Know, SKIP to Question 8.]**

6. At what age (in weeks since birth) do grower/finisher pigs receive doses of influenza vaccine? [Please give pig age for all doses given regardless of production phase.]
- a. 1st dose .....v440 \_\_\_\_\_ weeks
  - b. 2nd dose [Write in "NA" if only one dose given.].....v441 \_\_\_\_\_ weeks
  - c. 3rd dose [Write in "NA" if only one or two doses given.].....v442 \_\_\_\_\_ weeks
7. Were the following types of influenza vaccines used in grower/finisher pigs during the last 12 months?
- a. Commercial influenza vaccine (killed)..... v443 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - b. Autogenous influenza vaccine (killed)..... v444 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK

Question 8—Action Codes	
1 – Have not had clinical respiratory disease in grower/finisher pigs during last 12 months	4 – Treated all pigs in same pen with clinically ill pigs with antibiotics
2 – Did not treat any pigs with antibiotics	5 – Treated all pigs in same pen and pens adjacent to clinically ill pigs with antibiotics
3 – Treated only clinically ill pigs with antibiotics	6 – Treated all pigs in entire room with clinically ill pigs with antibiotics (all pigs sharing airspace)

8. For the **most recent** occurrence of a respiratory disease outbreak in grower/finisher pigs during the last 12 months, which option from the code list above best describes the action taken? [Enter one code only from list above. Antibiotics can be given in water/feed or by injection.]..... v445 \_\_\_\_\_ code
9. How many groups completed the grower/finisher phase during the last **6 months**?..... v446 \_\_\_\_\_ groups

Medications Given by Injection

10. During the last 6 months, were any medications given by **injection** for any reason to grower/finisher pigs? ..... v447 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK

**[If Question 10 = No or Don't Know, SKIP to Question 12.]**

Question 11—Primary Reason Codes	
1 – Growth promotion	5 – Polyserositis/meningitis treatment
2 – Disease prevention/control	6 – Parasite treatment/deworming
3 – Respiratory disease treatment	7 – Other treatment
4 – Enteric (intestinal or GI) disease treatment	(specify: _____) v448both

11. *[Show medication list to respondent.]* For any medications given by **injection** for any reason in the last 6 months to grower/finisher pigs, enter the **primary** reason given *[enter one code only from list above]* and the average **number** of pigs per age group that received medication.

Active ingredient	Trade name (example)		Primary reason code	Average number pigs medicated per age group
a. Ampicillin	Polyflex	v448/a	_____	_____
b. Amoxicillin	Amoxi-Inject	v449/a	_____	_____
c. Ceftiofur	Excenel; Naxcel; Excede	v450/a	_____	_____
d. Enrofloxacin	Baytril 100	v451/a	_____	_____
e. Erythromycin	Erythro	v452/a	_____	_____
f. Florfenicol	Nuflor	v453/a	_____	_____
g. Gentamicin	Garacin	v454/a	_____	_____
h. Lincomycin	Lincocin	v455/a	_____	_____
i. Oxytetracycline	LA200; Oxytet; Biomycin	v456/a	_____	_____
j. Penicillin benzathine	BP48, long-acting Pen	v457/a	_____	_____
k. Penicillin G Potassium	Pen-G	v458/a	_____	_____
l. Tulathromycin	Draxxin	v459/a	_____	_____
m. Tylosin	Tylan	v460/a	_____	_____
n. Dexamethasone	Glucortin-20	v461/a	_____	_____
o. Doramectin	Dectomax	v462/a	_____	_____
p. Flunixin meglumine	Banamine S	v463/a	_____	_____
q. Isoflupredone	Predef 2x	v464/a	_____	_____
r. Ivermectin	Ivomec	v465/a	_____	_____
s. Levamisole	Tramisol; Levasole	v466/a	_____	_____
t. Vitamin A, D, E		v467/a	_____	_____
u. Other medications (specify: _____)		v468/a	_____	_____

Medications Given by Water

12. During the last 6 months, were any medications given by **water** for any reason to grower/finisher pigs?.....v469 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK

**[If Question 12 = No or Don't Know, SKIP to Question 14.]**

Question 13—Primary Reason Codes	
1 – Growth promotion	5 – Polyserositis/meningitis treatment
2 – Disease prevention/control	6 – Parasite treatment/deworming
3 – Respiratory disease treatment	7 – Other treatment
4 – Enteric (intestinal or GI) disease treatment	(specify: _____) v470oth

13. *[Show medication list to respondent.]* For any medications given by **water** for any reason in the last 6 months to grower/finisher pigs, enter the **primary** reason given *[enter one code only from list above]* and **total** number of **days** medication was given in the water.

Active ingredient	Trade name (example)		Primary reason code	Total days in water per age group
a. Amoxicillin		v470/a	_____	_____
b. Bacitracin	BMD soluble	v471/a	_____	_____
c. Chlortetracycline	CTC; Aureomycin sol	v472/a	_____	_____
d. Chlortetracycline/sulphamethazine	Aureo Sulmet Soluble powder	v473/a	_____	_____
e. Florfenicol	Nuflor 2.3% concentrate solution	v474/a	_____	_____
f. Gentamicin	GentaMed soluble powder	v475/a	_____	_____
g. Levamisole	Tramisol	v476/a	_____	_____
h. Lincomycin	LinxMed soluble powder	v477/a	_____	_____
i. Lincomycin/Spectinomycin	LS50	v478/a	_____	_____
j. Neomycin	Neosol; Neomix	v479/a	_____	_____
k. Oxytetracycline	Oxytet sol; Terramycin	v480/a	_____	_____
l. Penicillin G Potassium	PenAqua Sol G	v481/a	_____	_____
m. Piperazine	Wazine	v482/a	_____	_____
n. Spectinomycin	Spectam sol; SpectoGard	v483/a	_____	_____
o. Sulfachlorpyridazine	Sulid	v484/a	_____	_____
p. Sulfadimethoxine	Albon	v485/a	_____	_____
q. Sulfamethazine	Sulmet	v486/a	_____	_____
r. Tetracycline	Polyotic; Solutet; Duramycin; Tet-Sol	v487/a	_____	_____
s. Tiamulin	Denagard Liquid Concentrate	v488/a	_____	_____
t. Trimethoprim/Sulfadiazine	TMP/Sulfa; Tribriksen	v489/a	_____	_____
u. Tylosin	Tylan	v490/a	_____	_____
v. Virginiamycin	Stafac	v491/a	_____	_____
w. Salicylic Acid	Aspirin	v492/a	_____	_____
x. Vitamin D	Oral-Pro Vitamin D plus E	v493/a	_____	_____
y. Vitamin E		v494/a	_____	_____
z. Other medications (specify: _____)		v495oth v495/a	_____	_____

Medications Given by Feed

14. During the last 6 months, were any medications given by **feed** for any reason to grower/finisher pigs?..... v496 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK

**[If Question 14 = No or Don't Know, SKIP to Question 16.]**

Question 15—Primary Reason Codes	
1 – Growth promotion	5 – Polyserositis/meningitis treatment
2 – Disease prevention/control	6 – Parasite treatment/deworming
3 – Respiratory disease treatment	7 – Other treatment
4 – Enteric (intestinal or GI) disease treatment	(specify: _____) v497oth

15. [Show medication list to respondent.] For any medications given by **feed** for any reason in the last 6 months to grower/finisher pigs, enter the **primary** reason given [enter one code only from list above], **average starting age** (in weeks since birth) of pigs when medications began, **total** number of **days** medication was in feed, and **dose** in grams per ton.

	Active ingredient	Trade name (example)	Primary reason code	Average starting age (weeks)	Total days in feed per age group	Dose (g/ton)
a.	Bacitracin Methylene Disalicylate	BMD; Pennitracin v497/a/b/c	_____	_____	_____	_____
b.	Bacitracin Zinc	Albac v498/a/b/c	_____	_____	_____	_____
c.	Bambermycins	Flavomycin v499/a/b/c	_____	_____	_____	_____
d.	Carbadox	Mecadox v4000/a/b/c	_____	_____	_____	_____
e.	Carbadox/Oxytetracycline	Mecadox Terramycin 10/ v4001/a/b/c	_____	_____	_____	_____
f.	Chlortetracycline	Aureomycin; v4002/a/b/c	_____	_____	_____	_____
g.	Chlortetracycline/Sulfa-thiazole/Penicillin	CSP 250 v4003/a/b/c	_____	_____	_____	_____
h.	Chlortetracycline/Sulfa-methazine/Penicillin	ASP 250; Chlormax 250 v4004/a/b/c	_____	_____	_____	_____
i.	Florfenicol	Nuflor v4005/a/b/c	_____	_____	_____	_____
j.	Lincomycin	Lincomix v4006/a/b/c	_____	_____	_____	_____
k.	Neomycin/Terramycin	NeoTerramycin; Neo-Oxy v4007/a/b/c	_____	_____	_____	_____
l.	Oxytetracycline	Pennox; Terramycin v4008/a/b/c	_____	_____	_____	_____
m.	Tiamulin	Denagard v4009/a/b/c	_____	_____	_____	_____
n.	Tilmicosin	Pulmotil v4010/a/b/c	_____	_____	_____	_____
o.	Tylosin	Tylan v4011/a/b/c	_____	_____	_____	_____
p.	Tylosin/Sulfamethazine	Tylan 40 Sulfa-G v4012/a/b/c	_____	_____	_____	_____
q.	Tylosin/Ractopamine	v4013/a/b/c	_____	_____	_____	_____
r.	Virginiamycin	Stafac v4014/a/b/c	_____	_____	_____	_____
s.	Dichlorvos	Atgard v4015/a/b/c	_____	_____	_____	_____
t.	Doramectin	v4016/a/b/c	_____	_____	_____	_____
u.	Fenbendazole	Safeguard v4017/a/b/c	_____	_____	_____	_____
v.	Ivermectin	Ivomec v4018/a/b/c	_____	_____	_____	_____
w.	Levamisole	Tramisol v4019/a/b/c	_____	_____	_____	_____
x.	Pyrantel tartrate	Banmith v4020/a/b/c	_____	_____	_____	_____
y.	Ractopamine	Paylean v4021/a/b/c	_____	_____	_____	_____
z.	Zinc oxide	v4022/a/b/c	_____	_____	_____	_____
aa.	Other medications (specify: _____) v4023oth v4023/a/b/c		_____	_____	_____	_____

16. Are the following ingredients in any of the grower/finisher diets?
- a. Tallow (animal fat from cattle or sheep) ..... v4024 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - b. Lard or choice white grease (pork fat)..... v4025 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - c. Other **animal fat** (specify: \_\_\_\_\_) v4026oth .... v4026 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - d. Soybean oil..... v4027 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - e. Corn oil..... v4028 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - f. Other **vegetable fat** (specify: \_\_\_\_\_) v4029oth ..... v4029 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - g. Molasses ..... v4030 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - h. Spray dried plasma ..... v4031 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - i. Blood meal, serum albumin, or other blood products ..... v4032 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - j. Mucosal products such as dried porcine soluble or PEP products ..... v4033 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - k. Fish meal..... v4034 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - l. Feather meal ..... v4035 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - m. Meat meal or meat-and-bone meal ..... v4036 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - n. Soybean meal or other vegetable protein source ..... v4037 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - o. Other **protein** sources (specify: \_\_\_\_\_) v4038oth .... v4038 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - p. Bakery/food manufacture byproducts (not table waste) ..... v4039 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - q. Distiller's dried grain and solubles (DDGS)..... v4040 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
    - i. If Yes, what is the average percentage of DDGS in the diet? ..... v4041 \_\_\_\_\_%

17. How many different rations are routinely fed to grower/finisher pigs while they are in the grower-finisher production phase? ..... v4042 \_\_\_\_\_ rations

18. How many of the different rations fed to grower/finisher pigs are:
- a. Meal/mash? ..... v4043 \_\_\_\_\_ rations
  - b. Pellet?..... v4044 \_\_\_\_\_ rations
  - c. Liquid? ..... v4045 \_\_\_\_\_ rations
  - d. Other? (specify: \_\_\_\_\_) v4046oth... v4046 \_\_\_\_\_ rations
  - e. Total rations (*should equal answer to Question 17*) ..... v4047 \_\_\_\_\_ rations

19. Is the **last** ration fed to grower/finisher pigs: [*Check one only and enter code.*]

- <sub>1</sub> Mixed by the farm on site?
- <sub>2</sub> Mixed by the farm/company but off site?
- <sub>3</sub> Custom-mixed off farm?
- <sub>4</sub> Purchased as a commercial diet?
- <sub>5</sub> Other? (specify: \_\_\_\_\_) v4048oth v4048 \_\_\_\_\_ code

20. On average, what is the **total amount** of feed (on an as-fed basis) a pig consumes while in the grower/finisher phase? ..... v4049 \_\_\_\_\_ lb/pig

21. If the **bulk** feed bins for the grower-finisher pigs on this site were all filled today, how many days, on average, would it take for them to run empty? ..... v4050 \_\_\_\_\_ days

22. How many shipments of pigs left this grower/finisher site to the following destinations from December 1, 2011, through May 31, 2012?

Destination	Number of shipments	Distance to closest destination (miles)	Distance to farthest destination (miles)	Number of shipments that crossed State lines	If shipped out of State, destination State(s)
a. Slaughter as market hogs	_____ v4051	_____ a	_____ b	_____ c	_____ d
b. Slaughter plant as culled pigs	_____ v4052	_____ a	_____ b	_____ c	_____ d
c. Breeding herd at another site	_____ v4053	_____ a	_____ b	_____ c	_____ d
d. Auction/livestock market	_____ v4054	_____ a	_____ b	_____ c	_____ d
e. Other (specify: _____) v4055oth	_____ v4055	_____ a	_____ b	_____ c	_____ d



## Section 5—Wean-to-finish Pigs

This section asks questions about “wean-to-finish pigs,” which are weaned pigs in a wean-to-finish production phase.

1. During the last 12 months, did this site raise weaned pigs in a **wean-to-finish phase**?.....v500  Yes  No

**[If Question 1 = No, SKIP to Section 6.]**

2. During the last 12 months, were the following disease problems present in wean-to-finish pigs? If Yes, what percent of the age group was affected during the most recent occurrence of the disease?

**If Yes,  
percent of  
age group  
affected**

a. APP ( <i>Actinobacillus pleuropneumoniae</i> ).....	v501/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %
b. Glasser's disease ( <i>Haemophilus parasuis</i> ).....	v502/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %
c. <i>Mycoplasma pneumonia</i> .....	v503/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %
d. Influenza .....	v504/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %
e. PRRS (porcine reproductive and respiratory syndrome) .....	v505/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %
f. <i>Salmonella</i> .....	v506/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %
g. <i>E. coli</i> diarrhea .....	v507/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %
h. Swine dysentery .....	v508/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %
i. TGE (transmissible gastroenteritis).....	v509/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %
j. Other diarrhea .....	v510/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %
k. Edema disease ( <i>E. coli</i> enterotoxemia) .....	v511/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %
l. Atrophic rhinitis .....	v512/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %
m. Hemorrhagic bowel syndrome .....	v513/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %
n. Ileitis ( <i>Lawsonia intracellularis</i> ) .....	v514/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %
o. Gastric ulcers .....	v515/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %
p. Erysipelas.....	v516/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %
q. Porcine circovirus 2 (PCVAD, formerly known as PMWS) .....	v517/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %
r. Porcine dermatitis and nephropathy syndrome (PDNS) .....	v518/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %
s. Greasy pig disease ( <i>Staph. hyicus</i> ) .....	v519/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %
t. <i>Strep. suis</i> ( <i>Strep. meningitis</i> ).....	v520/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %
u. Roundworms .....	v521/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %
v. Mange.....	v522/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %
w. Lice .....	v523/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %
x. Other disease problems (specify: _____) .....	v524oth... v524/a	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> DK	_____ %

**[If Question 2h = No or Don't Know, SKIP to Question 4.]**

3. Of the Question 2h pigs (those affected by swine dysentery), what percentage:
- a. Were treated?.....v525 \_\_\_\_\_ %
- b. Died? .....,v526 \_\_\_\_\_ %

4. Were wean-to-finish pigs on this site during the last 12 months vaccinated at any time against the following diseases?
- a. APP (*Actinobacillus pleuropneumoniae*)..... v527 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - b. *Actinobacillus suis* (autogenous)..... v528 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - c. Atrophic rhinitis (*Bordatella/Pasteurella*) ..... v529 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - d. *Clostridium difficile* (autogenous) ..... v530 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - e. *Clostridium perfringens* Type A..... v531 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - f. *Clostridium perfringens* Types C and D ..... v532 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - g. Erysipelas ..... v533 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - h. *E. coli* (K88, K99, 987P, F41)..... v534 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - i. Glasser's disease (*Haemophilus parasuis*)..... v535 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - j. Ileitis (*Lawsonia intracellularis*) ..... v536 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - k. Influenza ..... v537 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - l. Leptospirosis ..... v538 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - m. *Mycoplasma hyopneumoniae* ..... v539 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - n. Porcine circovirus 2 (PCVAD, formerly known as PMWS) ..... v540 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - o. PRRS..... v541 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - p. Rotavirus ..... v542 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - q. *Salmonella*..... v543 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - r. *Streptococcus suis* ..... v544 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - s. TGE (transmissible gastroenteritis)..... v545 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - t. Other vaccinations (specify: \_\_\_\_\_) v546oth . v546 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK

**[If Question 4k = No or Don't Know, SKIP to Question 8.]**

5. Are pigs usually vaccinated against influenza while in the wean-to-finish phase? . v547 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK

**[If Question 5 = No or Don't Know, SKIP to Question 8.]**

6. At what age (in weeks since birth) do wean-to-finish pigs receive doses of influenza vaccine? [Please give pig age for all doses given regardless of production phase.]
- a. 1st dose .....v548 \_\_\_\_\_ weeks
  - b. 2nd dose (Write in "NA" if only one dose given.) .....v549 \_\_\_\_\_ weeks
  - c. 3rd dose (Write in "NA" if only one or two doses given.).....v550 \_\_\_\_\_ weeks
7. Were the following types of influenza vaccines used in wean-to-finish pigs during the last 12 months?
- a. Commercial influenza vaccine (killed)..... v551 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - b. Autogenous influenza vaccine (killed)..... v552 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK

Question 8—Action Codes	
1 – Have not had clinical respiratory disease in wean-to-finish pigs during last 12 months	4 – Treated all pigs in same pen with clinically ill pigs with antibiotics
2 – Did not treat any pigs with antibiotics	5 – Treated all pigs in same pen and pens adjacent to clinically ill pigs with antibiotics
3 – Treated only clinically ill pigs with antibiotics	6 – Treated all pigs in entire room with clinically ill pigs with antibiotics (all pigs with shared airspace)

8. For the **most recent** occurrence of a respiratory disease outbreak in wean-to-finish pigs during the last 12 months, which option from the code list above best describes the action taken? [Enter one code only from list above. Antibiotics can be given in water/feed or by injection.] ..... v553 \_\_\_\_\_ code
9. How many groups completed the wean-to-finish phase during the last **6 months**? ..... v554 \_\_\_\_\_ groups

Medications Given by Injection

10. During the last 6 months, were any medications given by **injection** for any reason to wean-to-finish pigs? ..... v555 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK

**[If Question 10 = No or Don't Know, SKIP to Question 12.]**

Question 11—Primary Reason Codes	
1 – Growth promotion	5 – Polyserositis/meningitis treatment
2 – Disease prevention/control	6 – Parasite treatment/deworming
3 – Respiratory disease treatment	7 – Other treatment
4 – Enteric (intestinal or GI) disease treatment	(specify: _____) v556oth

11. *[Show medication list to respondent.]* For any medications given by **injection** for any reason in the last 6 months to wean-to-finish pigs, enter the **primary** reason given *[enter one code only from list above]* and the average **number** of pigs per age group that received medication.

Active ingredient	Trade name (example)		Primary reason code	Average number pigs medicated per age group
a. Ampicillin	Polyflex	v556/a	_____	_____
b. Amoxicillin	Amoxi-Inject	v557/a	_____	_____
c. Ceftiofur	Excenel; Naxcel; Excede	v558/a	_____	_____
d. Enrofloxacin	Baytril 100	v559/a	_____	_____
e. Erythromycin	Erythro	v560/a	_____	_____
f. Florfenicol	Nuflor	v561/a	_____	_____
g. Gentamicin	Garacin	v562/a	_____	_____
h. Lincomycin		v563/a	_____	_____
i. Oxytetracycline	LA200; Oxytet; Biomycin	v564/a	_____	_____
j. Penicillin benzathine	BP48, long-acting Pen	v565/a	_____	_____
k. Penicillin G Potassium	Pen-G	v566/a	_____	_____
l. Tulathromycin	Draxxin	v567/a	_____	_____
m. Tylosin	Tylan	v568/a	_____	_____
n. Dexamethasone	Glucortin-20	v569/a	_____	_____
o. Doramectin	Dectomax	v570/a	_____	_____
p. Flunixin meglumine	Banamine S	v571/a	_____	_____
q. Isoflupredone	Predef 2x	v572/a	_____	_____
r. Ivermectin	Ivomec	v573/a	_____	_____
s. Levamisole	Tramisol; Levasole	v574/a	_____	_____
t. Vitamin A, D, E		v575/a	_____	_____
u. Other medications (specify: _____)		v576oth v576/a	_____	_____

Medications Given by Water

12. During the last 6 months, were any medications given by **water** for any reason to wean-to-finish pigs? ..... v577 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK

**[If Question 12 = No or Don't Know, SKIP to Question 14.]**

Question 13—Primary Reason Codes	
1 – Growth promotion	5 – Polyserositis/meningitis treatment
2 – Disease prevention/control	6 – Parasite treatment/deworming
3 – Respiratory disease treatment	7 – Other treatment
4 – Enteric (intestinal or GI) disease treatment	(specify: _____) v578oth

13. *[Show medication list to respondent.]* For any medications given by **water** for any reason in the last 6 months to wean-to-finish pigs, enter the **primary** reason given *[enter one code only from list above]* and **total** number of **days** medication was given in the water.

Active ingredient	Trade name (example)		Primary reason code	Total days in water per age group
a. Amoxicillin		v578/a	_____	_____
b. Bacitracin	BMD soluble	v579/a	_____	_____
c. Chlortetracycline	CTC; Aureomycin sol	v580/a	_____	_____
d. Chlortetracycline/sulphamethazine	Aureo Sulmet Soluble powder	v581/a	_____	_____
e. Florfenicol	Nuflor 2.3% concentrate solution	v582/a	_____	_____
f. Gentamicin	GentaMed soluble powder	v583/a	_____	_____
g. Levamisole	Tramisol	v584/a	_____	_____
h. Lincomycin	LinxMed soluble powder	v585/a	_____	_____
i. Lincomycin/Spectinomycin	LS50	v586/a	_____	_____
j. Neomycin	Neosol; Neomix	v587/a	_____	_____
k. Oxytetracycline	Oxytet sol; Terramycin	v588/a	_____	_____
l. Penicillin G Potassium	PenAqua Sol G	v589/a	_____	_____
m. Piperazine	Wazine	v590/a	_____	_____
n. Spectinomycin	Spectam sol; SpectoGard	v591/a	_____	_____
o. Sulfachlorpyridazine	Sulid	v592/a	_____	_____
p. Sulfadimethoxine	Albon	v593/a	_____	_____
q. Sulfamethazine	Sulmet	v594/a	_____	_____
r. Tetracycline	Polyotic; Solutet; Duramycin; Tet-Sol	v595/a	_____	_____
s. Tiamulin	Denagard Liquid Concentrate	v596/a	_____	_____
t. Trimethoprim/Sulfadiazine	TMP/Sulfa; Tribriessen	v597/a	_____	_____
u. Tylosin	Tylan	v598/a	_____	_____
v. Virginiamycin	Stafac	v599/a	_____	_____
w. Salicylic Acid	Aspirin	v5000/a	_____	_____
x. Vitamin D	Oral-Pro Vitamin D plus E	v5001/a	_____	_____
y. Vitamin E		v5002/a	_____	_____
z. Other medications (specify: _____)		v5003oth v5003/a	_____	_____

Medications Given by Feed

14. During the last 6 months, were any medications given by **feed** for any reason to wean-to-finish pigs? ..... v5004 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK

**[If Question 14 = No or Don't Know, SKIP to Question 16.]**

Question 15—Primary Reason Codes	
1 – Growth promotion	5 – Polyserositis/meningitis treatment
2 – Disease prevention/control	6 – Parasite treatment/deworming
3 – Respiratory disease treatment	7 – Other treatment
4 – Enteric (intestinal or GI) disease treatment	(specify: _____) v5005oth

15. [Show medication list to respondent.] For any medications given by **feed** for any reason in the last 6 months to wean-to-finish pigs, enter the **primary** reason given [enter one code only from list above], **average starting age** (in weeks since birth) of pigs when medications began, **total** number of **days** medications were given in feed, and **dose** in grams per ton.

	Active ingredient	Trade name (example)	Primary reason code	Average starting age (weeks)	Total days in feed per age group	Dose (g/ton)
a.	Bacitracin Methylene Disalicylate	BMD; Pennitracin v5005/a/b/c	_____	_____	_____	_____
b.	Bacitracin Zinc	Albac v5006/a/b/c	_____	_____	_____	_____
c.	Bambermycins	Flavomycin v5007/a/b/c	_____	_____	_____	_____
d.	Carbadox	Mecadox v5008/a/b/c	_____	_____	_____	_____
e.	Carbadox/Oxytetracycline	Mecadox Terramycin 10/10 v5009/a/b/c	_____	_____	_____	_____
f.	Chlortetracycline	Aureomycin; ChlorMax v5010/a/b/c	_____	_____	_____	_____
g.	Chlortetracycline/Sulfathiazole/Penicillin	CSP 250 v5011/a/b/c	_____	_____	_____	_____
h.	Chlortetracycline/Sulfamethazine/Penicillin	ASP 250; Chlormax 250 v5012/a/b/c	_____	_____	_____	_____
i.	Florfenicol	Nuflor v5013/a/b/c	_____	_____	_____	_____
j.	Lincomycin	Lincomix v5014/a/b/c	_____	_____	_____	_____
k.	Neomycin/Terramycin	NeoTerramycin; Neo-Oxy v5015/a/b/c	_____	_____	_____	_____
l.	Oxytetracycline	Pennox; Terramycin v5016/a/b/c	_____	_____	_____	_____
m.	Tiamulin	Denagard v5017/a/b/c	_____	_____	_____	_____
n.	Tilmicosin	Pulmotil v5018/a/b/c	_____	_____	_____	_____
o.	Tylosin	Tylan v5019/a/b/c	_____	_____	_____	_____
p.	Tylosin/Sulfamethazine	Tylan 40 Sulfa-G v5020/a/b/c	_____	_____	_____	_____
q.	Tylosin/Ractopamine	v5021/a/b/c	_____	_____	_____	_____
r.	Virginiamycin	Stafac v5022/a/b/c	_____	_____	_____	_____
s.	Dichlorvos	Atgard v5023/a/b/c	_____	_____	_____	_____
t.	Doramectin	v5024/a/b/c	_____	_____	_____	_____
u.	Fenbendazole	Safeguard v5025/a/b/c	_____	_____	_____	_____
v.	Ivermectin	Ivomec v5026/a/b/c	_____	_____	_____	_____
w.	Levamisole	Tramisol v5027/a/b/c	_____	_____	_____	_____
x.	Pyrantel tartrate	Banmith v5028/a/b/c	_____	_____	_____	_____
y.	Ractopamine	Paylean v5029/a/b/c	_____	_____	_____	_____
z.	Zinc oxide	v5030/a/b/c	_____	_____	_____	_____
aa.	Other medications (specify: _____)	v5031oth v5031/a/b/c	_____	_____	_____	_____

For the purposes of this study, in a wean-to-finish building, **overstocking** means to fill a pen with weaned pigs and then later move some of them to another pen to provide more space at a certain size or age. This is called a **split**.

16. On this site, are wean-to-finish buildings or units **ever overstocked** when they are first filled with pigs? ..... v5032 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK

**[If Question 16 = No or Don't Know, SKIP to Question 23.]**

17. **Before the split**, are the following ingredients in any of the wean-to-finish diets?

- a. Tallow (animal fat from cattle or sheep) ..... v5033 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
- b. Lard or choice white grease (pork fat) ..... v5034 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
- c. Other **animal fat** (specify: \_\_\_\_\_) v5035oth ..... v5035 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
- d. Soybean oil ..... v5036 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
- e. Corn oil ..... v5037 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
- f. Other **vegetable fat** (specify: \_\_\_\_\_) v5038oth ..... v5038 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
- g. Molasses ..... v5039 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
- h. Spray dried plasma ..... v5040 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
- i. Blood meal, serum albumin, or other blood products ..... v5041 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
- j. Mucosal products such as dried porcine soluble or PEP products ..... v5042 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
- k. Fish meal ..... v5043 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
- l. Feather meal ..... v5044 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
- m. Meat meal or meat-and-bone meal ..... v5045 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
- n. Soybean meal or other vegetable protein source ..... v5046 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
- o. Other **protein** sources (specify: \_\_\_\_\_) v5047oth ..... v5047 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
- p. Bakery/food manufacture byproducts (not table waste) ..... v5048 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
- q. Distiller's dried grain and solubles (DDGS) ..... v5049 <sub>1</sub> Yes <sub>3</sub> No <sub>4</sub> DK
  - i. If Yes, what is the average percentage of DDGS in the diet? ..... v5050 \_\_\_\_\_%

18. **Before the split**, how many different rations are routinely fed to wean-to-finish pigs while they are in the wean-to-finish production phase? ..... v5051 \_\_\_\_\_ rations

19. How many of the different rations fed to wean-to-finish pigs **before the split** are:

- a. Meal/mash? ..... v5052 \_\_\_\_\_ rations
- b. Pellet? ..... v5053 \_\_\_\_\_ rations
- c. Liquid? ..... v5054 \_\_\_\_\_ rations
- d. Other? (specify: \_\_\_\_\_) v5055oth ..... v5055 \_\_\_\_\_ rations
- e. Total rations (*should equal answer to Question 18*) ..... v5056 \_\_\_\_\_ rations

20. **Before the split**, is the **last** ration fed to early wean-to-finish pigs:  
*[Check one only and enter code.]*

- <sub>1</sub> Mixed by the farm on site?
- <sub>2</sub> Mixed by the farm/company but off site?
- <sub>3</sub> Custom-mixed off farm?
- <sub>4</sub> Purchased as a commercial diet?
- <sub>5</sub> Other? (specify: \_\_\_\_\_) v5057oth ..... v5057 \_\_\_\_\_ code

21. **Before the split**, on average, what is the **total amount** of feed (on an as-fed basis) a pig consumes while in this part of the wean-to-finish phase? ..... v5058 \_\_\_\_\_ lb/pig

22. If the **bulk** feed bins used for feeding wean-to-finish pigs **before the split** on this site were all filled today, how many days, on average, would it take for them to run empty? ..... v5059 \_\_\_\_\_ days

The next six questions concern feeding **after the split** or during the whole phase if no split.

23. **After the split** or during the whole phase if no split, are the following ingredients in any of the wean-to-finish diets?

- |   |       |   |  |  |
|---|-------|---|--|--|
| a. Tallow (animal fat from cattle or sheep) .....                       | v5060 | <input type="checkbox"/> <sub>1</sub> Yes | <input type="checkbox"/> <sub>3</sub> No | <input type="checkbox"/> <sub>4</sub> DK |
| b. Lard or choice white grease (pork fat).....                          | v5061 | <input type="checkbox"/> <sub>1</sub> Yes | <input type="checkbox"/> <sub>3</sub> No | <input type="checkbox"/> <sub>4</sub> DK |
| c. Other <b>animal fat</b> (specify: _____) v5062oth.....               | v5062 | <input type="checkbox"/> <sub>1</sub> Yes | <input type="checkbox"/> <sub>3</sub> No | <input type="checkbox"/> <sub>4</sub> DK |
| d. Soybean oil.....   | v5063 | <input type="checkbox"/> <sub>1</sub> Yes | <input type="checkbox"/> <sub>3</sub> No | <input type="checkbox"/> <sub>4</sub> DK |
| e. Corn oil .....   | v5064 | <input type="checkbox"/> <sub>1</sub> Yes | <input type="checkbox"/> <sub>3</sub> No | <input type="checkbox"/> <sub>4</sub> DK |
| f. Other <b>vegetable fat</b> (specify: _____) v5065oth .....           | v5065 | <input type="checkbox"/> <sub>1</sub> Yes | <input type="checkbox"/> <sub>3</sub> No | <input type="checkbox"/> <sub>4</sub> DK |
| g. Molasses .....   | v5066 | <input type="checkbox"/> <sub>1</sub> Yes | <input type="checkbox"/> <sub>3</sub> No | <input type="checkbox"/> <sub>4</sub> DK |
| h. Spray dried plasma .....   | v5067 | <input type="checkbox"/> <sub>1</sub> Yes | <input type="checkbox"/> <sub>3</sub> No | <input type="checkbox"/> <sub>4</sub> DK |
| i. Blood meal, serum albumin, or other blood products .....             | v5068 | <input type="checkbox"/> <sub>1</sub> Yes | <input type="checkbox"/> <sub>3</sub> No | <input type="checkbox"/> <sub>4</sub> DK |
| j. Mucosal products such as dried porcine soluble or PEP products ..... | v5069 | <input type="checkbox"/> <sub>1</sub> Yes | <input type="checkbox"/> <sub>3</sub> No | <input type="checkbox"/> <sub>4</sub> DK |
| k. Fish meal.....   | v5070 | <input type="checkbox"/> <sub>1</sub> Yes | <input type="checkbox"/> <sub>3</sub> No | <input type="checkbox"/> <sub>4</sub> DK |
| l. Feather meal .....   | v5071 | <input type="checkbox"/> <sub>1</sub> Yes | <input type="checkbox"/> <sub>3</sub> No | <input type="checkbox"/> <sub>4</sub> DK |
| m. Meat meal or meat-and-bone meal .....                                | v5072 | <input type="checkbox"/> <sub>1</sub> Yes | <input type="checkbox"/> <sub>3</sub> No | <input type="checkbox"/> <sub>4</sub> DK |
| n. Soybean meal or other vegetable protein source .....                 | v5073 | <input type="checkbox"/> <sub>1</sub> Yes | <input type="checkbox"/> <sub>3</sub> No | <input type="checkbox"/> <sub>4</sub> DK |
| o. Other <b>protein</b> sources (specify: _____) v5074oth.....          | v5074 | <input type="checkbox"/> <sub>1</sub> Yes | <input type="checkbox"/> <sub>3</sub> No | <input type="checkbox"/> <sub>4</sub> DK |
| p. Bakery/food manufacture byproducts (not table waste) .....           | v5075 | <input type="checkbox"/> <sub>1</sub> Yes | <input type="checkbox"/> <sub>3</sub> No | <input type="checkbox"/> <sub>4</sub> DK |
| q. Distiller's dried grain and solubles (DDGS).....                     | v5076 | <input type="checkbox"/> <sub>1</sub> Yes | <input type="checkbox"/> <sub>3</sub> No | <input type="checkbox"/> <sub>4</sub> DK |
| i. If Yes, what is the average percentage of DDGS in the diet? .....    | v5077 | _____ %                                   |  |  |

24. **After the split**, or during the whole phase if no split, how many different rations are routinely fed to wean-to-finish pigs while they are in the wean-to-finish production phase? .. v5078 \_\_\_\_\_ rations

25. How many of the different rations fed to wean-to-finish pigs **after the split**, or during the whole phase if no split, are:

- |  |       |               |
|--|-------|---------------|
| a. Meal/mash? .....  | v5079 | _____ rations |
| b. Pellet?.....  | v5080 | _____ rations |
| c. Liquid? .....   | v5081 | _____ rations |
| d. Other? (specify: _____) v5082oth .....                            | v5082 | _____ rations |
| e. Total rations ( <i>should equal answer to Question 24</i> ) ..... | v5083 | _____ rations |

26. **After the split**, or during the whole phase if no split, is the **last** ration fed to wean-to-finish pigs before they leave the production phase:

[Check one only and enter code.]

- |   |                  |
|---|------------------|
| <input type="checkbox"/> <sub>1</sub> Mixed by the farm on site?              |                  |
| <input type="checkbox"/> <sub>2</sub> Mixed by the farm/company but off site? |                  |
| <input type="checkbox"/> <sub>3</sub> Custom-mixed off farm?                  |                  |
| <input type="checkbox"/> <sub>4</sub> Purchased as a commercial diet?         |                  |
| <input type="checkbox"/> <sub>5</sub> Other? (specify: _____) v5084oth        | v5084 _____ code |

27. **After the split**, or during the whole phase if no split, on average, what is the **total amount** of feed (on an as-fed basis) a pig consumes while in the wean-to-finish phase?.....v5085 \_\_\_\_\_ lb/pig

28. If the **bulk** feed bins used on this site for feeding pigs **after the split**, or during the whole phase if no split, were all filled today, how many days would it take for them to run empty?.....v5086 \_\_\_\_\_ days

29. How many shipments of pigs left this wean-to-finish site to the following destinations from December 1, 2011, through May 31, 2012? (include pigs removed at the split and sent off site)

Destination	Number of shipments	Distance to closest destination (miles)	Distance to farthest destination (miles)	Number of shipments that crossed State lines	If shipped out of State, destination State(s)
a. Another grower/finisher site	_____ v5087	_____ a	_____ b	_____ c	_____ d
b. Slaughter as market hogs	_____ v5088	_____ a	_____ b	_____ c	_____ d
c. Slaughter plant as culled pigs	_____ v5089	_____ a	_____ b	_____ c	_____ d
d. Breeding herd at another site	_____ v5090	_____ a	_____ b	_____ c	_____ d
e. Auction/livestock market	_____ v5091	_____ a	_____ b	_____ c	_____ d
f. Other (specify: _____ )	_____ v5092	_____ a	_____ b	_____ c	_____ d



## Section 6—General Site Information

This section asks questions about management practices that affect all pigs regardless of production phase.

1. How important are the following sources of swine nutritional expertise?  
*[Check one box for each source.]*

		Not at all important	Slightly important	Somewhat important	Very important	Extremely important
a. Company/staff nutritionist	v600	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
b. Feed company	v601	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
c. Consulting nutritionist	v602	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
d. Veterinarian	v603	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
e. Genetic supplier	v604	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
f. Other producers	v605	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
g. Trade journals/internet	v606	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>
h. Other sources (specify: _____) <small>v607oth    v607</small>		<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>	<input type="checkbox"/> <sub>5</sub>

2. Do you currently use or have you ever used the following diet manipulations?

		Currently using	Tried but not currently using	Never used	Don't know
a. Commercial mycotoxin binders	v608	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>
b. Distiller's dried grain and solubles (DDGS)	v609	<input type="checkbox"/> <sub>1</sub>	<input type="checkbox"/> <sub>2</sub>	<input type="checkbox"/> <sub>3</sub>	<input type="checkbox"/> <sub>4</sub>

3. Does this site feed different rations to weaned male and female market pigs  
 (split-sex feeding)?..... v610 <sub>1</sub> Yes <sub>3</sub> No

**[If Question 3 = No, SKIP to Question 5.]**

4. At what age (in weeks since birth) are the pigs when split-sex feeding is started? .....v611 \_\_\_\_\_ weeks

5. Are swine hauled from this site using trucks owned and operated by this operation? ..... v612 <sub>1</sub> Yes <sub>3</sub> No

6. Are swine hauled from this site using commercial trucks hired by this operation? ..... v613 <sub>1</sub> Yes <sub>3</sub> No

**[If Question 6 = No, SKIP to Office Use Only section.]**

7. Are swine hauled using only commercial truckers that are Transport Quality  
 Assurance (TQA) certified? .....v614 <sub>1</sub> Yes <sub>3</sub> No

## Office Use Only

State FIPS: _____ <b>2 digits</b>	Operation #: _____ <b>4 digits</b>	Site #: _____ <b>2 digits</b>	Interviewer: _____ <b>initials</b>	Date: ____/____/____ <b>mm/dd/yy</b>
--------------------------------------	---------------------------------------	----------------------------------	---------------------------------------	---

1. Total time for interview including time to discuss the program and complete the questionnaire.  
If more than one data collector present, enter the combined time. .... VITIME \_\_\_\_\_ min
  
2. Total travel time round-trip. If more than one data collector present, enter the combined  
travel time. .... VTTIME \_\_\_\_\_ min
  
3. Data collector(s) (Enter the number for each category.)  

_____ Federal VMO	_____ Federal AHT	VFED/VAHT
_____ State personnel	_____ Other (specify in margin)	VST/VOTH
  
4. Enter response code 99 if questionnaire is completed or enter one code (00–07)  
that best describes the reason why the owner is not participating ..... VRCO \_\_\_\_\_ code  
  - 99 = Survey completed
  - 00 = Producer not contacted by VMO
  - 01 = Poor time of year to contact or no time available to participate
  - 02 = Doesn't want anyone on operation
  - 03 = Bad experience with government veterinarian(s)
  - 04 = Doesn't want to do another survey or divulge information
  - 05 = Told NASS they didn't want to be contacted by VS
  - 06 = Ineligible (no longer in operation)
  - 07 = Other (explain in the comments section below)
  
5. Will blood samples be taken? ..... VBLD <sub>1</sub> Yes <sub>3</sub> No
  
6. Is the Producer willing to participate in the fecal sampling if selected? ..... VFECAL <sub>1</sub> Yes <sub>3</sub> Not offered
  
7. Which of the following best describes interviewee's position with this site? ..... VPOS \_\_\_\_\_ code  
  - 1 = owner
  - 2 = manager
  - 3 = family member (other than owner or manager)
  - 4 = other hired employee
  - 5 = other (specify: \_\_\_\_\_) VPOS<sub>oth</sub>
  
8. Producer data quality ..... VPDQ <sub>1</sub> Good/excellent <sub>2</sub> OK <sub>3</sub> Poor
  
9. Comments regarding this questionnaire or operation:

VMO or AHT Signature: \_\_\_\_\_

**TO BE COMPLETED BY COORDINATOR:**

10. Field data quality ..... VFDQ <sub>1</sub> Good/excellent <sub>2</sub> OK <sub>3</sub> Poor