

United States  
Department of  
Agriculture

Animal and  
Plant Health  
Inspection  
Service

Veterinary  
Services

# Swine 2006 Initial VS Visit



National Animal  
Health Monitoring  
System

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

Form Approved  
OMB Number 0579-  
Approval expires 08/31/09

State FIPS: _____ 2 digits	Operation #: _____ 4 digits	Site #: _____ 2 digits	Interviewer: _____ initials	Date: ____/____/____ mm/dd/yy
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Collection Period: September 5–November 17, 2006

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 Report (GSFR). So **before** your Initial visit, fill in the shaded column below using the SITE inventory (or operation inventory if there is only one site) found on page 2, item 4 of the GSFR.

Then complete Today's Inventory column during your visit. By using the GSFR 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 GSFR questionnaire (section 1, item 4):		As of June 1:	1. As of <u>today</u> , how many hogs and pigs are:	
a	Sows and bred gilts for breeding		a	Sows and bred gilts for breeding
b	Unmated gilts in the breeding herd (replacements)		b	Unmated gilts in the breeding herd (replacements)
c	Unmated gilts for breeding not yet in the breeding herd (replacements)		c	Unmated gilts for breeding not yet in the breeding herd (replacements)
d	Suckling pigs		d	Suckling pigs
e	Boars and young males for breeding		e	Boars and young males for breeding
f	Cull boars, sows and gilts		f	Cull boars, sows, and gilts
g	Weaned market hogs under 60 pounds		g	Weaned market hogs under 60 pounds
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)
	The total number for this site as of June 1, 2006			Today's total number of hogs and pigs on this site?

➔ **NOTE:** Save the yellow copy of this page for the Second visit to compare inventories.

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

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0579-. 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-178  
SEP 2006

## 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.

2. Were there any <b>Breeding Females</b> on this site in the last 12 months? [Circle YES or NO in code box.] <b>If NO, SKIP to "Nursery-Age Pigs," Section 3 on page 5.</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="2" style="padding: 2px;">Code</th> </tr> <tr> <td style="width: 50%; padding: 2px;">Yes<sub>1</sub></td> <td style="width: 50%; padding: 2px;">No<sub>3</sub></td> </tr> </table>	Code		Yes <sub>1</sub>	No <sub>3</sub>																																																								
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3. In the last 12 months, were any of the following disease problems known or suspected to have caused sickness or mortality in one or more females in the breeding herd? <b>If Yes</b> , indicate whether the disease problem was diagnosed by a veterinarian or a laboratory. [Circle YES, NO, or Don't Know in code boxes a-p.]	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 2px;">Present in Breeding Females in last 12 months?</td> <td style="width: 40%; padding: 2px;">Code</td> <td style="width: 30%; padding: 2px;">If Yes, was it diagnosed by either a veterinarian or a lab?</td> </tr> <tr> <td></td> <td style="text-align: center;">Code</td> <td style="text-align: center;">Code</td> </tr> <tr> <td style="padding: 2px;">a. 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4. Are Breeding Females usually vaccinated against any of the following diseases? [Circle YES, NO, or Don't Know in code boxes a-j.] <b>If Yes</b> , indicate whether the vaccine was <b>primarily given by feed, water or injection</b> . [Circle 1=Feed, 2=Water, 3=Injection, 4=Other]	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%; padding: 2px;">Code</td> <td style="width: 40%; padding: 2px;">If Yes, Code</td> </tr> <tr> <td></td> <td style="text-align: center;">F W I O</td> </tr> <tr> <td style="padding: 2px;">a. APP (<i>Actinobacillus pleuropneumoniae</i>)</td> <td style="padding: 2px;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub> 1 2 3 4</td> </tr> <tr> <td style="padding: 2px;">b. <i>Salmonella</i></td> <td style="padding: 2px;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub> 1 2 3 4</td> </tr> <tr> <td style="padding: 2px;">c. Swine dysentery</td> <td style="padding: 2px;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub> 1 2 3 4</td> </tr> <tr> <td style="padding: 2px;">d. TGE (Transmissible gastroenteritis)</td> <td style="padding: 2px;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub> 1 2 3 4</td> </tr> <tr> <td style="padding: 2px;">e. Pseudorabies</td> <td style="padding: 2px;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub> 1 2 3 4</td> </tr> <tr> <td style="padding: 2px;">f. Leptospirosis</td> <td style="padding: 2px;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub> 1 2 3 4</td> </tr> <tr> <td style="padding: 2px;">g. Parvo virus</td> <td style="padding: 2px;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub> 1 2 3 4</td> </tr> <tr> <td style="padding: 2px;">h. Erysipelas</td> <td style="padding: 2px;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub> 1 2 3 4</td> </tr> <tr> <td style="padding: 2px;">i. Glasser's disease (<i>Haemophilus parasuis</i>)</td> <td style="padding: 2px;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub> 1 2 3 4</td> </tr> <tr> <td style="padding: 2px;">j. Other vaccinations not including <i>Mycoplasma</i>, PRRS, or flu done in Breeding Females: (specify: _____)</td> <td style="padding: 2px;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub> 1 2 3 4</td> </tr> </table>	Code	If Yes, Code		F W I O	a. APP ( <i>Actinobacillus pleuropneumoniae</i> )	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> 1 2 3 4	b. <i>Salmonella</i>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> 1 2 3 4	c. Swine dysentery	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> 1 2 3 4	d. TGE (Transmissible gastroenteritis)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> 1 2 3 4	e. Pseudorabies	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> 1 2 3 4	f. Leptospirosis	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> 1 2 3 4	g. Parvo virus	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> 1 2 3 4	h. Erysipelas	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> 1 2 3 4	i. Glasser's disease ( <i>Haemophilus parasuis</i> )	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> 1 2 3 4	j. Other vaccinations not including <i>Mycoplasma</i> , PRRS, or flu done in Breeding Females: (specify: _____)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> 1 2 3 4																																				
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5. Are Breeding Females usually vaccinated against <i>Mycoplasma pneumoniae</i> during the following time periods? [Circle YES, NO, or Don't Know in code boxes a-g.] (Circle all NO if do not vaccinate against <i>Mycoplasma</i> .)	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 70%;"></td> <td style="width: 30%; text-align: center;">Code</td> </tr> <tr> <td style="padding: 2px;">a. Prior to entering the breeding herd, i.e., as young pigs</td> <td style="padding: 2px;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></td> </tr> <tr> <td style="padding: 2px;">b. As gilts at time of entering the breeding herd</td> <td style="padding: 2px;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></td> </tr> <tr> <td style="padding: 2px;">c. During gestation up to 4 weeks BEFORE farrowing</td> <td style="padding: 2px;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></td> </tr> <tr> <td style="padding: 2px;">d. During the LAST 4 weeks of gestation</td> <td style="padding: 2px;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></td> </tr> <tr> <td style="padding: 2px;">e. From farrowing through weaning</td> <td style="padding: 2px;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></td> </tr> <tr> <td style="padding: 2px;">f. After weaning through the breeding period</td> <td style="padding: 2px;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></td> </tr> <tr> <td style="padding: 2px;">g. At regular intervals, regardless of reproductive stage</td> <td style="padding: 2px;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></td> </tr> </table>		Code	a. Prior to entering the breeding herd, i.e., as young pigs	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	b. As gilts at time of entering the breeding herd	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	c. During gestation up to 4 weeks BEFORE farrowing	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	d. During the LAST 4 weeks of gestation	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	e. From farrowing through weaning	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	f. After weaning through the breeding period	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	g. At regular intervals, regardless of reproductive stage	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>																																												
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g. At regular intervals, regardless of reproductive stage	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>																																																												

6. Are Breeding Females usually vaccinated against <b>Porcine Reproductive and Respiratory Syndrome</b> during the following time periods? [Circle YES, NO, or Don't Know in code boxes a-g.] (Circle all NO if do not vaccinate against PRRS.) <b>If 6b-g are all NO or Don't Know, SKIP to item 9.</b>	<b>Code</b>
a. Prior to entering the breeding herd, i.e., as young pigs	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
b. As gilts at time of entering the breeding herd	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
c. During gestation up to 4 weeks BEFORE farrowing	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
d. During the LAST 4 weeks of gestation	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
e. From farrowing through weaning	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
f. After weaning through the breeding period	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
g. At regular intervals, regardless of reproductive stage	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
7. Were any of the following types of PRRS vaccines used in Breeding Females in the last 12 months? [Circle YES, NO, or Don't Know in code boxes a-c.]	<b>Code</b>
a. Commercial modified live or killed PRRS vaccine	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
b. Autogenous PRRS vaccine	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
c. On-farm serum exposure	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
8. Has more than one BRAND or TYPE of <b>PRRS</b> vaccine been used in Breeding Females in the last 12 months? [Circle YES, NO, or Don't Know in code box.]	<b>Code</b>
	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
9. Are any of the following measures used SPECIFICALLY to control or prevent <b>PRRS</b> in Breeding Females? [Circle YES, NO, or Don't Know in code boxes a-f.] ( <b>NOTE: Circle NO if measure is taken but not specifically to control/prevent PRRS.</b> )	<b>Code</b>
a. Obtain replacement gilts from PRRS-negative source	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
b. Test replacement gilts for PRRS	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
c. Expose incoming gilts to PRRS	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
d. Closed herd to new gilt introduction (e.g., no purchased gilts)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
e. Use only PRRS-negative semen or breeding boars	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
f. Other measures not including vaccination (specify: _____)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
10. Regarding "new" swine flu (H3N2), are Breeding Females usually vaccinated against swine flu <b>H3N2</b> during the following time periods? [Circle YES, NO, or Don't Know in code boxes a-g.] (Circle all NO if do not vaccinate against this swine flu. Circle YES if H3N2 is part of a vaccine containing H1N1. <b>Note: If producer doesn't know, ask to see bottle.</b> ) <b>If 10b-g are all NO or Don't Know, SKIP to item 12.</b>	<b>Code</b>
a. Prior to entering the breeding herd, i.e., as young pigs	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
b. As gilts at time of entering the breeding herd	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
c. During gestation up to 4 weeks BEFORE farrowing	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
d. During the LAST 4 weeks of gestation	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
e. From farrowing through weaning	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
f. After weaning through the breeding period	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
g. At regular intervals, regardless of reproductive stage	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
11. Were any of the following types of swine flu <b>H3N2</b> vaccines used in Breeding Females in the last 12 months? [Circle YES, NO, or Don't Know in code boxes a-b.] (Circle YES if H3N2 is part of a vaccine containing H1N1.)	<b>Code</b>
a. Commercial killed vaccine for swine flu	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
b. Autogenous vaccine for swine flu	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>

12. Regarding "traditional" swine flu (H1N1), are Breeding Females usually vaccinated against TRADITIONAL swine flu (H1N1) during the following time periods? [Circle YES, NO or Don't Know in code boxes a-g.] (Circle all NO if do not vaccinate against traditional swine flu. Circle YES if H1N1 is part of a vaccine containing H3N2. <b>Note: If producer doesn't know, ask to see bottle.</b> <b>If 12b-g are all NO or Don't Know, SKIP to item 14.</b>	<b>Code</b>
a. Prior to entering the breeding herd, i.e., as young pigs	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
b. As gilts at time of entering the breeding herd	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
c. During gestation up to 4 weeks BEFORE farrowing	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
d. During the LAST 4 weeks of gestation	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
e. From farrowing through weaning	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
f. After weaning through the breeding period	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
g. At regular intervals, regardless of reproductive stage	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
13. Were any of the following types of TRADITIONAL swine flu (H1N1) vaccines used in Breeding Females? [Circle YES, NO, or Don't Know in code boxes a-b.] (Circle YES if H1N1 is part of a vaccine containing H3N2.)	<b>Code</b>
a. Commercial killed vaccine for swine flu	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
b. Autogenous vaccine for swine flu	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
14. In the last 12 months, were any Breeding Females given antibiotics to TREAT disease conditions? [Circle YES or NO in code box.] (Circle NO if no disease in Breeding Females.)	<b>Code</b>
	Yes <sub>1</sub> No <sub>3</sub>
15. Who is the primary decision maker for deciding which antibiotics are used to treat sick Breeding Females on this site? (Enter only one code from List 1 below.)	<b>Code</b>

List 1
1. Owner of operation
2. Farm manager on site but not the owner
3. Local veterinary practitioner
4. Consulting or second-opinion veterinarian
5. Company veterinarian or company nutritionist
6. Service manager who oversees more than one site
7. Other (specify: _____)
8. Don't use antibiotics to treat sick Breeding Females

16. In the last 12 months, were any of the following disease problems known or suspected to have caused sickness or mortality in one or more PREWEANED (suckling) pigs? <b>If Yes</b> , indicate whether the disease problem was diagnosed by a veterinarian or a laboratory. [Circle YES, NO, or Don't Know in code boxes a-j.]	Present in preweaned pigs in last 12 months?	<b>If Yes</b> , was it diagnosed by either a veterinarian or lab?
	<b>Code</b>	<b>Code</b>
a. PRRS (Porcine Reproductive and Respiratory Syndrome)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
b. Undifferentiated pneumonia	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
b. TGE (Transmissible gastroenteritis)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
c. Rotavirus	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
d. <i>E. coli</i> (colibacillosis)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
e. Coccidiosis	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
f. <i>Clostridium</i>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
g. <i>Strep. suis</i> (meningitis, polyserositis, arthritis)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
h. Greasy pig disease ( <i>Staph. hyicus</i> )	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
i. Navel Infections (perhaps with swollen joints)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
j. Other disease problems in preweaned pigs (specify: _____)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>

### Section 3—Nursery-Age Pigs

This section asks questions about all weaned pigs from weaning to approximately 60 pounds. The term "Nursery-Age pigs" will be used to describe these pigs for the following questions.

17. Were there any <b>Nursery-Age pigs</b> on this site in the last 12 months? [Circle YES or NO in code box.] <b>If NO, SKIP to "Grower/Finisher Pigs" section 4 on page 9.</b>	<b>Code</b> Yes <sub>1</sub> No <sub>3</sub>						
18. Does this site feed <b>most of the</b> Nursery-Age males and females different rations (split-sex feeding)? [Circle YES or NO in code box.] <b>If NO, skip to item 19.</b> a. If <b>YES</b> , how old, in weeks, are the pigs when split-sex feeding is started in the nursery phase?	<b>Code</b> Yes <sub>1</sub> No <sub>3</sub>  <b>Age in weeks</b> _____						
19. In the last 12 months, were any of the following disease problems known or suspected to have caused sickness or mortality in one or more of the Nursery-Age pigs? <b>If Yes</b> , indicate whether the disease problem was diagnosed by a veterinarian or a laboratory. [Circle YES, NO, or Don't Know in code boxes a-r.]	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Present in Nursery-Age pigs in last 12 months?</td> <td style="width: 50%; text-align: center;">If Yes, was it diagnosed by either a veterinarian or a lab?</td> </tr> <tr> <td style="text-align: center;"><b>Code</b></td> <td style="text-align: center;"><b>Code</b></td> </tr> <tr> <td style="text-align: center;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></td> <td style="text-align: center;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></td> </tr> </table>	Present in Nursery-Age pigs in last 12 months?	If Yes, was it diagnosed by either a veterinarian or a lab?	<b>Code</b>	<b>Code</b>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
Present in Nursery-Age pigs in last 12 months?	If Yes, was it diagnosed by either a veterinarian or a lab?						
<b>Code</b>	<b>Code</b>						
Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>						
a. APP ( <i>Actinobacillus pleuropneumoniae</i> )	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>						
b. Glasser's disease ( <i>Haemophilus parasuis</i> )	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>						
c. <i>Mycoplasma pneumoniae</i>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>						
d. Influenza [If NO or Don't Know, SKIP to item 19e.]	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>						
(i) Swine Influenza (H3N2)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>						
(ii) Traditional swine flu (Swine Influenza H1N1)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>						
e. PRRS (Porcine Reproductive and Respiratory Syndrome)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>						
f. <i>Salmonella</i>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>						
g. Swine dysentery	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>						
h. TGE (Transmissible gastroenteritis)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>						
i. <i>E. coli</i> diarrhea	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>						
j. Other diarrhea	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>						
k. Edema disease ( <i>E. coli</i> enterotoxemia)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>						
l. Postweaning Multisystemic Wasting Syndrome (PMWS aka PCVAD)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>						
m. Porcine dermatitis and nephropathy syndrome (PDNS)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>						
n. Greasy pig disease ( <i>Staph. hyicus</i> )	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>						
o. <i>Strep. suis</i> ( <i>Strep. meningitis</i> )	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>						
p. Roundworms	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>						
q. Lice	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>						
r. Other disease problems in Nursery-Age pigs (specify: _____)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub> Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>						
20. Are pigs usually vaccinated against <i>Mycoplasma pneumoniae</i> while in the nursery phase? [Circle YES, NO, or Don't Know in code box.] (This response MUST agree with items 22g and 44h.) <b>If NO or Don't Know, SKIP to item 22.</b>	<b>Code</b> Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>						

21. At what age in weeks do Nursery-Age pigs typically receive doses of <i>Mycoplasma</i> vaccine?	<b>Age in weeks</b>
a. 1st dose	
b. 2nd dose (Write in "N/A" if only one dose given.)	
c. 3rd dose (Write in "N/A" if only one or two doses given.)	
22. Are any of the following measures used SPECIFICALLY to control or prevent <i>Mycoplasma</i> pneumonia in Nursery-Age pigs? [Circle YES, NO, or Don't Know in code boxes a-k.] (Circle NO if measure is taken but <b>not specifically</b> to control/prevent <i>Mycoplasma</i> pneumonia.)	<b>Code</b>
a. Early weaning at 16 days or less with no antibiotics	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
b. Early weaning at 16 days or less with antibiotics in feed or water or by injection	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
c. Early weaning at more than 16 days with antibiotics in feed or water or by injection	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
d. All-in, all-out in farrowing phase	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
e. All-in, all-out in nursery phase	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
f. Vaccinate sows and gilts with <i>Mycoplasma</i> vaccine (This response MUST agree with item 5.)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
g. Vaccinate Nursery-aged pigs with <i>Mycoplasma</i> vaccine (This response MUST agree with items 20 and 44h.)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
h. Treat pigs showing clinical signs of pneumonia with antibiotics	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
i. Treat healthy pigs that share pen or air space with ill pigs as preventive measure	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
j. Treat sows to reduce or prevent infection of piglets	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
k. Other measures taken (specify: _____)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
23. Are pigs usually vaccinated against <b>PRRS</b> while in the nursery phase? [Circle YES, NO, or Don't Know in code box.] <b>If NO or Don't Know, SKIP to item 27.</b>	<b>Code</b>
	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
24. At what age, in weeks, do Nursery-Age pigs typically receive doses of <b>PRRS</b> vaccine?	<b>Age in weeks</b>
a. 1st dose	
b. 2nd dose (Write in "N/A" if only one dose given.)	
c. 3rd dose (Write in "N/A" if only one or two doses given.)	
25. Were any of the following types of PRRS vaccines used in Nursery-Age pigs in the last 12 months? [Circle YES, NO, or Don't Know in code boxes a-c.]	<b>Code</b>
a. Modified live PRRS vaccine	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
b. Autogenous PRRS vaccine	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
c. On-farm serum vaccination	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
26. Has more than one BRAND or TYPE of PRRS vaccine been used in the last 12 months in Nursery-Age pigs? [Circle YES, NO, or Don't Know in code box.]	<b>Code</b>
	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
27. Are any of the following measures used SPECIFICALLY to control or prevent PRRS in Nursery-Age pigs? [Circle YES, NO, or Don't Know in code boxes a-g.] (Circle NO if measure is taken but <b>not specifically</b> to control/prevent PRRS.)	<b>Code</b>
a. Obtain weaned pigs from PRRS-negative sow herd	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
b. Obtain early weaned pigs from stable PRRS-positive sow herds	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
c. Single (limited) source of weaned pigs	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
d. Matched source of weaned pigs for PRRS status	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
e. Nursery depopulation (unit completely emptied and cleaned/disinfected)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
f. Obtain weaned pigs from farrowing rooms that limit cross-fostering	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
g. Other measures not including vaccinations (specify: _____)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
28. Are pigs usually vaccinated against swine flu (H3N2) while in the nursery phase? [Circle YES, NO,	<b>Code</b>

<p><i>or Don't Know in code box.] (Circle YES if H3N2 is part of a vaccine containing H1N1. <b>Note: If producer doesn't know, ask to see bottle.</b>)</i>  <b>If NO or Don't Know, SKIP to item 31.</b></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></td> </tr> </table>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>			
Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>					
<p>29. At what age, in weeks, are Nursery-Age pigs usually vaccinated against swine flu (H3N2)?</p> <p>a. 1st dose</p> <p>b. 2nd dose <i>(Write in "N/A" if only one dose given.)</i></p> <p>c. 3rd dose <i>(Write in "N/A" if only one or two doses given.)</i></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><b>Age in Weeks</b></td> </tr> <tr> <td style="height: 20px;"> </td> </tr> <tr> <td style="height: 20px;"> </td> </tr> <tr> <td style="height: 20px;"> </td> </tr> </table>	<b>Age in Weeks</b>			
<b>Age in Weeks</b>					
<p>30. Were any of the following types of swine flu (H3N2) vaccines used in Nursery-Age pigs in the last 12 months? <i>[Circle YES, NO, or Don't Know in code boxes a-b.]</i></p> <p>a. Commercial killed vaccine for swine flu</p> <p>b. Autogenous vaccine for swine flu</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><b>Code</b></td> </tr> <tr> <td style="text-align: center;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></td> </tr> <tr> <td style="text-align: center;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></td> </tr> </table>	<b>Code</b>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	
<b>Code</b>					
Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>					
Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>					
<p>31. Are pigs usually vaccinated against TRADITIONAL swine flu (H1N1) while in the nursery phase? <i>[Circle YES, NO, or Don't Know in code box.] (Circle YES if H1N1 is part of a vaccine containing H3N2. <b>Note: If producer doesn't know, ask to see bottle.</b>)</i>  <b>If NO or Don't Know, SKIP to item 34.</b></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><b>Code</b></td> </tr> <tr> <td style="text-align: center;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></td> </tr> </table>	<b>Code</b>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>		
<b>Code</b>					
Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>					
<p>32. At what age, in weeks, are Nursery-Age pigs usually vaccinated against TRADITIONAL swine flu (H1N1)?</p> <p>a. 1st dose</p> <p>b. 2nd dose <i>(Leave blank if only one dose given.)</i></p> <p>c. 3rd dose <i>(Leave blank if only one or two doses given.)</i></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><b>Age in Weeks</b></td> </tr> <tr> <td style="height: 20px;"> </td> </tr> <tr> <td style="height: 20px;"> </td> </tr> <tr> <td style="height: 20px;"> </td> </tr> </table>	<b>Age in Weeks</b>			
<b>Age in Weeks</b>					
<p>33. Were any of the following types of TRADITIONAL swine flu (H1N1) vaccines used in Nursery-Age pigs in the last 12 months? <i>[Circle YES, NO, or Don't Know in code boxes a-b.]</i></p> <p>a. Commercial killed vaccine for swine flu</p> <p>b. Autogenous vaccine for swine flu</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><b>Code</b></td> </tr> <tr> <td style="text-align: center;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></td> </tr> <tr> <td style="text-align: center;">Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></td> </tr> </table>	<b>Code</b>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	
<b>Code</b>					
Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>					
Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>					
<p>34. Who is the primary decision maker for deciding which antibiotics are used to treat <b>sick</b> Nursery-Age pigs? <i>(Enter only one code from List 2 below.)</i></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><b>Code</b></td> </tr> <tr> <td style="height: 20px;"> </td> </tr> </table>	<b>Code</b>			
<b>Code</b>					
<p>35. Who is the primary decision maker for deciding which antibiotics are used for <b>growth promotion</b> of Nursery-Age pigs? <i>(Enter only one code from List 2 below.)</i></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><b>Code</b></td> </tr> <tr> <td style="height: 20px;"> </td> </tr> </table>	<b>Code</b>			
<b>Code</b>					

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>List 2</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <ol style="list-style-type: none"> <li>1. Owner of operation</li> <li>2. Farm manager on site but not the owner</li> <li>3. Local veterinary practitioner</li> <li>4. Consulting or second-opinion veterinarian</li> <li>5. Company veterinarian or company nutritionist</li> <li>6. Service manager who oversees more than one site</li> <li>7. Other (specify: _____)</li> <li>8. Don't use antibiotics for sickness or growth promotion in Nursery-Age pigs</li> </ol> |

<p>36. For the MOST RECENT occurrence of a respiratory disease outbreak in Nursery-Age pigs that happened in the last 12 months, which of the following best describes the action taken? <i>(Antibiotics can be in water/feed or by injection.) (Enter only one code from List 3 below.)</i></p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;"><b>Code</b></td> </tr> <tr> <td style="height: 20px;"> </td> </tr> </table>	<b>Code</b>	
<b>Code</b>			

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>List 3</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <ol style="list-style-type: none"> <li>1. Did not treat any pigs with antibiotics</li> <li>2. Treated only clinically ill pigs with antibiotics</li> <li>3. Treated all pigs in same pen with clinically ill pigs with antibiotics</li> <li>4. Treated all pigs in same pen and pens adjacent to clinically ill pigs with antibiotics</li> <li>5. Treated all pigs in entire room with clinically ill pigs with antibiotics (all pigs with shared airspace)</li> <li>6. Haven't had clinical respiratory disease in Nursery-Age pigs in last 12 months</li> </ol> |

37. Show this question to the Producer and for any antibiotics or parasite treatments given by INJECTION for any reason in the **last 6 months** to Nursery-Age pigs, enter the **primary** reason given. **(Enter only one code from List 4 on next page.) Note: If NO antibiotics or parasite treatment given by injection, draw a line across the whole question and write "None Given."**

Active Ingredient	Trade Name (example)	Primary Reason
a. Ampicillin	Polyflex	
b. Amoxicillin	Amoxi-Inject	
c. Ceftiofur	Excenel, Naxcel, Excede	
d. Erythromycin	Erythro	
e. Florfenicol	Nuflor	
f. Gentamicin	Garacin	
g. Lincomycin	Lincocin	
h. Oxytetracycline	LA200, Oxytet, Biomycin	
i. Procaine Penicillin G	Pen-G	
j. Penicillin Benzathine	BP48, long-acting pen	
k. Spectinomycin	Spectam	
l. Tylosin	Tylan	
m. Doramectin	Dectomax	
n. Ivomectin	Ivomec	
o. Levamisole	Tramisole, Levasole	
p. Tulathromycin	Draxxin	
q. Other (specify: _____ )		

38. Show this question to the Producer and for any antibiotics, parasite treatments, or feed additives put in the FEED or WATER for Nursery-Age pigs in the **last 6 months**, enter the **primary** reason given from List 4 and the number of days (number of days of **total** use if started, stopped, and started again) used in feed or water. **(Enter only one code from List 4.)** (If antibiotic was used but Don't Know the number of days write "D/K" for Don't Know.)  
**Note: If NO antibiotics or treatments given in feed or water, draw a line across the whole question and write "None Given."**

Active Ingredient	Trade Name (example)	Primary Reason	Days in Feed	Days in Water
a. Amoxicillin				
b. Arsanilic acid	Progen 20%			
c. Bacitracin	BMD			
d. Bacitracin Zinc	Albac, Baciferm			
e. Bambermycins	Flavomycin			
f. Carbadox	Mecadox			
g. Chlortetracycline	Aureofac, CTC, Chlormax			
h. Chlortetracycline/ Sulfathiazole/Penicillin	CSP250			
i. Chlortetracycline/ Sulfamethazine/Penicillin	ASP250, Chlormax 250			
j. Florfenicol	Nuflor			
k. Lincomycin	Lincomix			
l. Neomycin & Terramycin	NeoTerra			
m. Oxytetracycline	Oxytet, TM50			
n. Ractopamine	Paylean			
o. Roxarsone	3-Nitro			
p. Tiamulin	Denagard			
q. Tilmicosin	Pulmotil			
r. Tylosin	Tylan			
s. Tylosin & Sulfamethazine	Tylan 40 Sulfa-G			
t. Virginiamycin	Stafac			
u. Other (specify: _____ )				





43. At what age, in weeks, do Grower/Finisher pigs typically receive doses of <i>Mycoplasma</i> vaccine?	<b>Age in Weeks</b>
a. 1st dose	
b. 2nd dose (Write in "N/A" if only one dose given.)	
c. 3rd dose (Write in "N/A" if only one or two doses given.)	
44. Are any of the following measures used SPECIFICALLY to control or prevent <i>Mycoplasma pneumoniae</i> in Grower/Finisher pigs? [Circle YES, NO, or Don't Know in code boxes a-m.] (Circle NO if measure is taken but <b>not specifically</b> to control/prevent <i>Mycoplasma pneumoniae</i> .)	<b>Code</b>
a. Early weaning at 16 days or less with no antibiotics	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
b. Early weaning at 16 days or less with antibiotics in feed or water or by injection	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
c. Early weaning at more than 16 days with antibiotics in feed or water or by injection	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
d. All-in, all-out in farrowing phase	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
e. All-in, all-out in nursery phase	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
f. All-in, all-out in Grower/Finisher phase	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
g. Vaccinate sows and gilts with <i>Mycoplasma</i> vaccine (This response MUST agree w/ items 5 & 22f.)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
h. Vaccinate Nursery-aged pigs with <i>Mycoplasma</i> vaccine (This response MUST agree with items 20 and 22g.)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
i. Vaccinate Grower/Finisher pigs with <i>Mycoplasma</i> vaccine (This response MUST agree with item 42.)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
j. Treat pigs showing clinical signs of pneumonia with antibiotics	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
k. Treat healthy pigs that share pen or air space with ill pigs as preventive measure	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
l. Treat sows to reduce or prevent infection of piglets	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
m. Other measures taken (specify: _____)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
45. Are pigs usually vaccinated against <b>PRRS</b> while in the grower/finisher phase? [Circle YES, NO, or Don't Know in code box.] <b>If NO or Don't Know, SKIP to item 49.</b>	<b>Code</b>
	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
46. At what age, in weeks, do Grower/Finisher pigs typically receive doses of <b>PRRS</b> vaccine?	<b>Age in Weeks</b>
a. 1st dose	
b. 2nd dose (Write in "N/A" if only one dose given.)	
c. 3rd dose (Write in "N/A" if only one or two doses given.)	
47. Were any of the following types of PRRS vaccines used in Grower/Finisher pigs in the last 12 months? [Circle YES, NO, or Don't Know in code boxes a-c.]	<b>Code</b>
a. Modified live PRRS vaccine	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
b. Autogenous PRRS vaccine	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
c. On-farm serum vaccination	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
48. Has more than one BRAND or TYPE of PRRS vaccine been used in the last 12 months in Grower/Finisher pigs? [Circle YES, NO, or Don't Know in code box.]	<b>Code</b>
	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
49. Are any of the following measures used SPECIFICALLY to control or prevent PRRS in Grower/Finisher pigs? [Circle YES, NO, or Don't Know in code boxes a-g.] (Circle NO if measure is taken but <b>not specifically</b> to control/prevent PRRS.)	<b>Code</b>
a. Obtain weaned pigs from PRRS-negative sow herd	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
b. Obtain early weaned pigs from stable PRRS-positive sow herds	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
c. Single (limited) source of weaned pigs	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
d. Matched source of weaned pigs for PRRS status	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
e. Nursery depopulation (unit completely emptied and cleaned/disinfected)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
f. Obtain weaned pigs from farrowing rooms that limit cross fostering	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
g. Other measures excluding vaccinations (specify: _____)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>

<p>50. Are pigs usually vaccinated against swine flu (H3N2) while in the grower/finisher phase? [Circle YES, NO, or Don't Know in code box.] (Circle YES if H3N2 is part of a vaccine containing H1N1. <b>Note: If producer doesn't know, ask to see bottle.</b>) <b>If NO or Don't Know, SKIP to item 53.</b></p>	<p><b>Code</b></p> <p>Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></p>
<p>51. At what age, in weeks, are Grower/Finisher pigs usually vaccinated against swine flu (H3N2)?</p> <p>a. 1st dose</p> <p>b. 2nd dose (Write in "N/A" if only one dose given.)</p> <p>c. 3rd dose (Write in "N/A" if only one or two doses given.)</p>	<p><b>Age in Weeks</b></p>
<p>52. Were any of the following types of swine flu (H3N2) vaccines used in Grower/Finisher pigs in the last 12 months? [Circle YES, NO, or Don't Know in code boxes a-b.]</p> <p>a. Commercial killed vaccine for swine flu</p> <p>b. Autogenous vaccine for swine flu</p>	<p><b>Code</b></p> <p>Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></p> <p>Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></p>
<p>53. Are Grower/Finisher pigs usually vaccinated against TRADITIONAL swine flu (H1N1) while in the grower/finisher phase? [Circle YES, NO, or Don't Know in code box.] (Circle YES if H1N1 is part of a vaccine containing H3N2. <b>Note: If producer doesn't know, ask to see bottle.</b>) <b>If NO or Don't Know, SKIP to item 56.</b></p>	<p><b>Code</b></p> <p>Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></p>
<p>54. At what age, in weeks, are Grower/Finisher pigs usually vaccinated against TRADITIONAL swine flu (H1N1)?</p> <p>a. 1st dose</p> <p>b. 2nd dose (Write in "N/A" if only one dose given.)</p> <p>c. 3rd dose (Write in "N/A" if only one or two doses given.)</p>	<p><b>Age in Weeks</b></p>
<p>55. Were any of the following types of TRADITIONAL swine flu (H1N1) vaccines used in Grower/Finisher pigs in the last 12 months? [Circle YES, NO, or Don't Know in code boxes a-b.]</p> <p>a. Commercial killed vaccine for swine flu</p> <p>b. Autogenous vaccine for swine flu</p>	<p><b>Code</b></p> <p>Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></p> <p>Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></p>
<p>56. Who is the primary decision maker for deciding which antibiotics are used to treat <b>sick</b> Grower/Finisher pigs? (Enter only one code from List 5 below.)</p>	<p><b>Code</b></p>
<p>57. Who is the primary decision maker for deciding which antibiotics are used for <b>growth promotion</b> of Grower/Finisher pigs? (Enter only one code from List 5 below.)</p>	<p><b>Code</b></p>

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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>List 5</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <ol style="list-style-type: none"> <li>1. Owner of operation</li> <li>2. Farm manager on site but not the owner</li> <li>3. Local veterinary practitioner</li> <li>4. Consulting or second-opinion veterinarian</li> <li>5. Company veterinarian or company nutritionist</li> <li>6. Service manager who oversees more than one site</li> <li>7. Other (specify: _____)</li> <li>8. Don't use antibiotics for sickness or growth promotion in Grower/Finisher pigs</li> </ol> |

<p>58. For the MOST RECENT occurrence of a respiratory disease outbreak in Grower/Finisher pigs that happened in the last 12 months, which of the following best describes the action taken? (Antibiotics can be in water/feed or by injection.) (Enter only one code from List 6 below.)</p>	<p><b>Code</b></p>
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| <b>List 6</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <ol style="list-style-type: none"> <li>1. Did not treat any pigs with antibiotics</li> <li>2. Treated only clinically ill pigs with antibiotics</li> <li>3. Treated all pigs in same pen with clinically ill pigs with antibiotics</li> <li>4. Treated all pigs in same pen and pens adjacent to clinically ill pigs with antibiotics</li> <li>5. Treated all pigs in entire room with clinically ill pigs with antibiotics (all pigs with shared airspace)</li> <li>6. Haven't had clinical respiratory disease in Grower/Finisher pigs in last 12 months</li> </ol> |

<p>59. The term "re-sorted" means rearranging individuals in groups of pigs, for example, sorting by size. This includes moving some finisher pigs from one group/pen to another group/pen <b>but not individuals to a sick pen</b>. Keeping a <b>group</b> of pigs together and moving them from one pen to another is <b>not</b> re-sorting.</p>	<p><b>Number of times</b></p>
<p>a. For Grower/Finisher pigs from 60 pounds to market weight, how many times are pigs usually RE-SORTED? (If wean-to-finish in same pen, the answer would be 0.)</p>	
<p>60. Are any of the following supplements or feed types (including premix) in any of the Grower/Finisher diets? [Circle 1 for YES, 3 for NO, or 4 for Don't Know in code boxes a-g.]</p>	<p><b>Code</b></p>
<p>a. Fish meal</p>	<p>Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></p>
<p>b. Meat or bone meal</p>	<p>Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></p>
<p>c. Soybean meal or other vegetable protein source</p>	<p>Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></p>
<p>d. Other PROTEIN sources (specify: _____)</p>	<p>Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></p>
<p>e. Bakery/food manufacture byproducts (not table waste)</p>	<p>Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></p>
<p>f. Animal and/or vegetable fat</p>	<p>Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></p>
<p>g. Distiller's dried grain (e.g., product of ethanol production)</p>	<p>Yes<sub>1</sub> No<sub>3</sub> D/K<sub>4</sub></p>

<p>61. Show this question to the Producer and for any antibiotics or parasite treatments given by INJECTION for any reason in the last 6 months to Grower/Finisher pigs, enter the <b>primary</b> reason given. (Enter only one code from List 7 below.)  <b>Note: If NO specific antibiotics or parasite treatment given, draw a line across the whole question and write "None Given."</b></p>		
<b>Active Ingredient</b>	<b>Trade Name (example)</b>	<b>Primary Reason Code</b>
a. Ampicillin	Polyflex	
b. Amoxicillin	Amoxi-Inject	
c. Ceftiofur	Excenel, Naxcel, Excede	
d. Erythromycin	Erythro	
e. Florfenicol	Nuflor	
f. Gentamicin	Garacin	
g. Lincomycin	Lincocin	
h. Oxytetracycline	LA200, Oxytet, Biomyacin	
i. Procaine Penicillin G	Pen-G	
j. Penicillin Benzathine	BP48, long-acting pen	
k. Spectinomycin	Spectam	
l. Tylosin	Tylan	
m. Doramectin	Dectomax	
n. Ivomectin	Ivomec	
o. Levamisole	Tramisole, Levasole	
p. Tulathromycin	Draxxin	
q. Other (specify: _____)		

- |                                                                                                                                                                                                                                                                                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>List 7</b>                                                                                                                                                                                                                                                                                                                       |
| <ol style="list-style-type: none"> <li>1. Growth promotion</li> <li>2. Disease prevention</li> <li>3. Respiratory disease treatment</li> <li>4. Enteric (intestinal or GI) disease treatment</li> <li>5. Polyserositis/meningitis treatment</li> <li>6. Parasite treatment</li> <li>7. Other treatments (specify: _____)</li> </ol> |

62. Show the Producer the list below. For any antibiotics or parasite treatments put in the WATER for Grower/Finisher pigs in the last 6 months, enter the **primary** reason given from List 7 (previous page) and the number of days (number of days of **total** use if started, stopped, and started again) used in water. **(Enter only one code from List 7.)** (If antibiotic was used but Don't Know the number of days write "D/K.") **Note: If NO antibiotics or treatments given, draw a line across the question and write "None given."**

Active Ingredient	Trade Name (example)	Primary Reason	Days in Water
a. Bacitracin	BMD soluble		
b. Chlortetracycline	CTC, Aureomycin solub		
c. Florfenicol	Nuflor		
d. Lincomycin & Spectinomycin	LS50		
e. Neomycin	Neosol, NeoMix		
f. Oxytetracycline	Oxytet solub, Terramycin		
g. Penicillin G Potassium			
h. Spectinomycin	Spectam sol, Spectogard		
i. Sulfachlorpyridazine	Sulid		
j. Sulfadimethoxine	Albon		
k. Sulfamethazine	Sulmet		
l. Tetracycline	Polyotic		
m. Tiamulin	Denagard soluble		
n. Tylosin	Tylan		
o. Levamisole	Tramisole		
p. Piperazine			
q. Virginiamycin	Stafac		
r. Other (specify: _____)			

63. Show the Producer the list below. For any antibiotics, parasite treatments, or feed additives put in the FEED for Grower/Finisher pigs in the last 6 months, enter the **primary** reason given from List 7 (previous page) and the number of days used in feed. **(Enter only one code from List 7.)** (If antibiotic was used but Don't Know the number of days write "D/K.") **Note: If NO antibiotics or treatment given, draw a line across the question and write "None given."**

Active Ingredient	Trade Name (example)	Primary Reason	Days in Feed
a. Amoxicillin			
b. Arsanilic acid	Progen 20%		
c. Bacitracin	BMD		
d. Bacitracin Zinc	Albac, Baciferm		
e. Bambermycins	Flavomycin		
f. Carbadox	Mecadox		
g. Chlortetracycline	Aureofac, CTC, Chlormax		
h. Chlortetracycline/Sulfathiazole/Penicillin	CSP250		
i. Chlortetracycline/ Sulfamethazine/Penicillin	ASP250, Chlormax250		
j. Florfenicol	Nuflor		
k. Lincomycin	Lincomix		
l. Neomycin & Terramycin	NeoTerra		
m. Oxytetracycline	Oxytet, TM50		
n. Ractopamine	Paylean		
o. Roxarsone	3-Nitro		
p. Tiamulin	Denagard		
q. Tilmicosin	Pulmotil		
r. Tylosin	Tylan		
s. Tylosin & Sulfamethazine	Tylan 40 Sulfa-G		
t. Dichlorvos	Atgard		
u. Fendbendazole	Safeguard		
v. Hygromycin B	HygroMix		
w. Ivermectin	Ivomec		
x. Levamisole	Tramisol		
y. Pyrantel Tartrate	Banmith		
z. Virginiamycin	Stafac		
ab. Other (specify: _____)			

### Section 5—General Information

<p>64. In the last 12 months, have any <b>weaned market</b> pigs shown any of the following signs? <b>If Yes</b>, indicate the percentage of <b>Head</b> affected (in the middle column) and circle the highest level of response taken (<b>Circle number of response from List 8 below in the right column</b>).</p> <p><i>[Circle YES, NO, or Don't Know in code box for a-f.]</i>  <b>If NO weaned pigs circle N/A, SKIP to Office Use Only, and be sure items 17 and 39 are both No.</b></p> <p>a. Combination of skin blotches, matted eyes, and diarrhea</p> <p>b. Unusually high number of pigs unwilling to eat or stand up</p> <p>c. Unusually high number of pigs that have died</p> <p>d. Difficulty breathing</p> <p>e. Lambe pigs with reddened areas above the hooves</p> <p>f. Blisters on snouts</p>	<p>Present in weaned market pigs in the last 12 months</p>	<p><b>If Yes</b>, what was the percent of <b>Head</b> affected?</p>	<p><b>If Yes</b>, what was the highest level of response or action taken?</p>
N/A			
	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	%	1 2 3 4
	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	%	1 2 3 4
	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	%	1 2 3 4
	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	%	1 2 3 4
	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	%	1 2 3 4
	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	%	1 2 3 4

**Note: If ALL NO or Don't Know, SKIP to item 66.**

List 8
<p>1. Did nothing</p> <p>2. Self-treated on the operation</p> <p>3. Sought non-veterinarian assistance off the operation (e.g., field manager)</p> <p>4. Sought veterinarian or veterinary diagnostic laboratory assistance</p>

65. Which of the following best describes the outcome of antibiotic treatment for the majority of the cases in the previous question? *[Enter only one code from list 9 below]*

Code

List 9
<p>1. Symptoms responded positively with antibiotics</p> <p>2. Symptoms unresponsive to given antibiotics</p> <p>3. Antibiotics not given</p> <p>4. Don't know if treated with antibiotics</p>

66. Did you have any Grower/Finisher pigs with ileitis in the last 12 months? *[Circle YES, NO, or Don't Know in the code box.]* **If YES** what was the **earliest** and **latest** age in weeks you observed ileitis's first onset in these pigs?

**Note:** This should agree with item 41j.

Code	Earliest Age	Latest Age
Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>	weeks	weeks

67. In the last 12 months, was **Postweaning Mortality and Wasting Syndrome (PMWS aka PCVD)** present in one or more weaned pigs in your herd? **Note:** This should agree with items 19l and 41n. *[Circle YES, NO, or Don't Know in code box.]*

**If NO or Don't Know, SKIP to Office Use Only section.**

Code
Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>

68. What percentage of all Weaned pigs were affected (morbidity) by PMWS in the last 12 months?

Percent
%

69. What was the **earliest** and **latest** age in weeks you observed PMWS first onset in weaned pigs?

Earliest Age	Latest Age
	weeks

70. In weaned pigs with PMWS, which of the following clinical signs did you observe? [Circle YES, NO, or Don't Know in code boxes a-h.]	<b>Code</b>
a. Difficulty breathing	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
b. Rapid weight loss (wasting)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
c. Enlargement of mandibular or inguinal lymph nodes	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
d. Diarrhea	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
e. CNS signs (including stereotypic activity)	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
f. Yellowing of skin	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
g. Off feed	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
h. Death	Yes <sub>1</sub> No <sub>3</sub> D/K <sub>4</sub>
71. The USDA is currently planning a 2-3 year study of swine that includes quarterly visits by data collectors. Participation would be <b>voluntary</b> and <b>confidential</b> . Incentives for you to participate might include free testing for certain pathogens within your herd. <b>Would you be interested in obtaining more information about this project when it becomes available?</b>	Yes <sub>1</sub> No <sub>3</sub>

### Concordance Worksheet

The following table lists the questions that need to have matching answers. You can use this worksheet to help record the answers as you go through the survey or as a validation check at the end. Use whatever method works best for you to ensure that the answers agree, but note that this is just a worksheet for your use and is not a part of the survey.

Topic	Question	Page #	Response	Comments
Vacc Sows/Gilts for Mycoplasma	5	2		
	22f	6		
	44g	10		
Vacc Nursery Pigs for Mycoplasma	20	5		
	22g	6		
	44h	10		
Vacc Grower/Finishers for Mycoplasma	42	9		
	44i	10		
Presence of Weaned Pigs on site	17	5		Nursery Pigs
	39	9		Grower/Finishers
	64	14		Weaned market pigs—must be “yes” if either 17 or 39 is “yes”
Suspicion of PMWS	19l	5		in Nursery Pigs
	41n	9		in Grower/Finishers
	67	14		in Weaned Pigs—must be “yes” if either 19l or 41n is “yes”
Presence of ileitis in Grower/Finishers	41j	9		
	66	14		

**Continue to next page to complete the Office Use Only section**

## Office Use Only

State FIPS: _____	Operation #: _____	Site #: _____	Interviewer: _____	Date: _____ / _____ / _____
2 digits	4 digits	2 digits	initials	mm/dd/yy

72. Total time for interview including time to discuss the program and complete the questionnaire.  
If more than 1 data collector present, enter the combined time. \_\_\_\_\_ min
73. Total travel time round-trip.  
If more than 1 data collector present, enter the combined travel time. \_\_\_\_\_ min
74. Data collector(s) \_\_\_\_\_ Federal VMO \_\_\_\_\_ Federal AHT  
(Enter the number for each category) \_\_\_\_\_ State personnel \_\_\_\_\_ Other (specify in margin)
75. 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 \_\_\_\_\_ 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)
76. Will blood samples be taken? 1 Yes 3 No
77. Is the Producer willing to participate in the fecal sampling if selected? 1 Yes 2 Not offered 3 No
78. Which of the following best describes interviewee's position with this site? \_\_\_\_\_ code
- 1 = owner  
2 = manager  
3 = family member (other than owner or manager)  
4 = other hired employee  
5 = other (specify: \_\_\_\_\_)
79. Producer data quality 1 Good/Excellent 2 OK 3 Poor
80. Comments regarding this questionnaire or operation:

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

### TO BE COMPLETED BY COORDINATOR:

81. Field data quality 1 Good/Excellent 2 OK 3 Poor