

# FERAL SWINE SURVEY – 2017

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United States  
 Department  
 of Agriculture



**NATIONAL  
 AGRICULTURAL  
 STATISTICS  
 SERVICE**

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**Animal and Plant Health Inspection Service**

Please make corrections to name, address and ZIP Code, if necessary.

The information you provide will be used for statistical purposes only. In accordance with the Confidential Information Protection provisions of Title V, Subtitle A, Public Law 107–347 and other applicable Federal laws, your responses will be kept **confidential** and will not be disclosed in identifiable form to anyone other than employees or agents. By law, every employee and agent has taken an oath and is subject to a jail term, a fine, or both if he or she willfully discloses ANY identifiable information about you or your operation. Response is **voluntary**.

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 number is 0535-0256. The time required to complete this information collection is estimated to average 30 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

## SECTION 1 – GENERAL

1. On June 1, 2017, how many acres did your operation: a. Own? ..... b. Rent or Lease from others or use Rent Free? ( <b>Exclude</b> land used on an animal unit month (AUM) basis, BLM and Forest Service land.) . . . . + c. Rent to others? ..... - 2. Calculate item 1a + 1b - 1c. Then the total acres operated on June 1, 2017 was. . . . . =	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: center;">Acres</th> </tr> <tr> <td style="text-align: center;">100</td> </tr> <tr> <td style="text-align: center;">101</td> </tr> <tr> <td style="text-align: center;">102</td> </tr> <tr> <td style="text-align: center;">103</td> </tr> </table>	Acres	100	101	102	103
Acres						
100						
101						
102						
103						

3. In what state and county is the majority of your operation located? <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; border: 1px solid black; text-align: center; padding: 5px;">State</td> <td style="width: 50%; border: 1px solid black; text-align: center; padding: 5px;">County</td> </tr> <tr> <td style="border: 1px solid black; height: 20px;"></td> <td style="border: 1px solid black; height: 20px;"></td> </tr> </table>	State	County			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: center;">OFFICE USE</th> </tr> <tr> <td style="text-align: center;">60</td> </tr> <tr> <td style="text-align: center;">55</td> </tr> </table>	OFFICE USE	60	55
State	County							
OFFICE USE								
60								
55								

4. During the last three years, have wild pigs been present in the county reported in item 3? **For the purposes of this study, wild pigs refer to all species of feral swine, feral hogs, and wild boar.**

106    1  Yes    3  No    2  Don't Know

5. During the last three years, have wild pigs been present on your operation?

107    1  Yes    3  No    2  Don't Know



(i) In 2016, how many head of these livestock were lost to wild pig predation?	144 ____ head	145 ____ head
(ii) What was the total market value of these livestock that were lost to wild pig predation?	146 \$	147 \$
i. In 2016, could you attribute deaths of these livestock on your operation to <b>disease</b> from wild pigs? (If <b>Yes</b> , Continue. If <b>No</b> , SKIP to item j.)	294 <input type="checkbox"/> Yes <input type="checkbox"/> No	295 <input type="checkbox"/> Yes <input type="checkbox"/> No
(i) In 2016, how many head of these livestock were lost to disease from wild pigs?	296 ____ head	297 ____ head
(ii) What was the total market value these livestock that were lost to disease from wild pigs?	298 \$	299 \$
j. In 2016, did you seek veterinary services for these livestock due to the presence of or contact with wild pigs? (If <b>Yes</b> , continue. If <b>No</b> , SKIP to item k.)	300 <input type="checkbox"/> Yes <input type="checkbox"/> No	301 <input type="checkbox"/> Yes <input type="checkbox"/> No
(i) What was the total cost of veterinary services used for these livestock due to the presence of or contact with wild pigs?	305 \$	306 \$
k. In 2016, did you use any medical treatments on these livestock due to the presence of or contact with wild pigs? (If <b>Yes</b> , continue. If <b>No</b> , SKIP to item l.)	307 <input type="checkbox"/> Yes <input type="checkbox"/> No	308 <input type="checkbox"/> Yes <input type="checkbox"/> No
(i) What was the total cost of the medical treatments used for these livestock due to the presence of or contact with wild pigs?	309 \$	310 \$
l. In 2016, could you attribute any deaths of these livestock on your operation to <b>other/unknown causes</b> of wild pigs? (If <b>Yes</b> , continue. If <b>No</b> , SKIP to item 4.)	311 <input type="checkbox"/> Yes <input type="checkbox"/> No	312 <input type="checkbox"/> Yes <input type="checkbox"/> No
(i) In 2016, how many head of these livestock were lost to wild pigs due to other/unknown causes?	313 ____ head	314 ____ head
(ii) What was the total market value of these livestock that were lost to other/unknown causes of wild pigs??	315 \$	316 \$

4. In 2016 , could you attribute any of the following livestock diseases on your operation **to the presence of wild pigs?**

- a. Swine Brucellosis (Brucella Suis). . . . . 116  Yes  No
- b. Pseudorabies (Aujeszky's disease). . . . . 117  Yes  No
- c. Porcine Reproductive and Respiratory Syndrome (PRRS). . . . . 118  Yes  No
- d. Swine Influenza virus. . . . . 119  Yes  No
- e. Other (Specify: 1004 \_\_\_\_\_) 120  Yes  No

5. How concerned are you about the potential spread of diseases from wild pigs to livestock? Check one only

- 121  Not concerned  Moderately concerned
- Slightly concerned  Very concerned

6. In 2016, did you have sown pasture on your operation?

321  Yes – Continue       No – SKIP to Item 7

<b>Acres</b>
322

a. In 2016, how many acres of sown pasture were on your operation?

b. In 2016, could you attribute damage on sown pastures to wild pigs?

323  Yes – Continue       No – SKIP to Item 7

<b>Percent</b>
324

c. What portion of sown pasture acreage was damaged by wild pigs in 2016? .....

7. In 2016, did you have unsown pasture on your operation?

360  Yes – Continue       No – SKIP to Section 3

<b>Acres</b>
361

a. How many acres of unsown pasture were on your operation in 2016? .....

b. In 2016, could you attribute damage on unsown pasture to wild pigs?

362  Yes – Continue       No – SKIP to Section 3

<b>Percent</b>
363

c. What portion of unsown pasture acreage was damaged by wild pigs in 2016? .....

**SECTION 3 – CROPS**

1. In 2016, were any crops (including trees/orchards) on your operation?

158  Yes – Continue       No – SKIP to Section 4

<b>Crops</b>
159
160

2. For 2016, report up to two crops harvested with the **highest value of production**.....

3. In 2016, to the best of your knowledge, were wild pigs ever **present** in fields of these crops?

161  Yes – Continue       No – SKIP to Item 5       Don't Know – SKIP to Item 5

4. In 2016, to the best of your knowledge, how often were wild pigs **present** in fields of these crops?

162  Daily                                       About once a month  
 Weekly                                          Less than once a month

5. In 2016, was there **evidence** that wild pigs caused damage to fields of these crops?

163  Yes – Continue       No – SKIP to Section 4       Don't Know – SKIP to Section 4

<b>Dollars</b>
164

6. In 2016, how much income was lost due to wild pig damage to these crops?.....

## SECTION 4 – PROPERTY

1. In 2016, did wild pigs damage any property on your operation?

165

Yes – Continue     No – SKIP to Section 5     Don't Know – SKIP to Section 5

2. On your operation in 2016, which of the following types of property damage occurred due to wild pigs, what was the approximate total cost of the damage, and how severe was it?

Damage Type	Did damage occur?	Cost of damage (or estimate of repair)	How much damage occurred? Check one per row				
			Mild Damage	Moderate Damage	Somewhat Severe Damage	Very Severe Damage	Unsure
a. Damage to buildings	166 <input type="checkbox"/> Yes <input type="checkbox"/> No	167 \$	168 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Damage to fencing	169 <input type="checkbox"/> Yes <input type="checkbox"/> No	170 \$	171 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Damage to livestock waterers, water pumps, and/or irrigation equipment	172 <input type="checkbox"/> Yes <input type="checkbox"/> No	173 \$	174 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
d. Damage to vehicles (including tractors, farm equipment)	175 <input type="checkbox"/> Yes <input type="checkbox"/> No	176 \$	177 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
e. Damage to roads	181 <input type="checkbox"/> Yes <input type="checkbox"/> No	182 \$	183 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
f. Damage to livestock feed, grain, or hay	184 <input type="checkbox"/> Yes <input type="checkbox"/> No	185 \$	186 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
g. Fecal contamination of water	195 <input type="checkbox"/> Yes <input type="checkbox"/> No		196 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
h. Other damage to terraces, stream banks, or ponds	325 <input type="checkbox"/> Yes <input type="checkbox"/> No		326 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
i. Loss of wildlife habitat	189 <input type="checkbox"/> Yes <input type="checkbox"/> No		190 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
j. Field topsoil erosion	191 <input type="checkbox"/> Yes <input type="checkbox"/> No		192 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
k. Fecal contamination of crops	197 <input type="checkbox"/> Yes <input type="checkbox"/> No		198 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
l. Other (Specify: 1007_____)	199 <input type="checkbox"/> Yes <input type="checkbox"/> No	200 \$	201 <input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**SECTION 5 – CONTROL**

1. In 2016, were any control methods used on your operation in order to **reduce** or **prevent** damage from wild pigs?

<sup>202</sup>  Yes – Continue       No – SKIP to Item 3

2. On your operation In 2016, which of the following control methods were used in order to reduce or prevent damage from wild pigs, what were their approximate total costs, and how effective were they?

Control Method	Used on operation in 2016?	Cost (Include labor) (Dollars)	How effective was the control method? Check one per row			
			Not Effective	Slightly Effective	Moderately Effective	Very Effective
a. Shooting wild pigs on sight	<sup>203</sup> <input type="checkbox"/> Yes <input type="checkbox"/> No	<sup>204</sup> \$	<sup>205</sup> <input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
b. Hunting wild pigs <b>with</b> dogs	<sup>206</sup> <input type="checkbox"/> Yes <input type="checkbox"/> No	<sup>207</sup> \$	<sup>208</sup> <input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
c. Hunting wild pigs <b>without</b> dogs	<sup>209</sup> <input type="checkbox"/> Yes <input type="checkbox"/> No	<sup>210</sup> \$	<sup>211</sup> <input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
d. Aerial hunting	<sup>212</sup> <input type="checkbox"/> Yes <input type="checkbox"/> No	<sup>213</sup> \$	<sup>214</sup> <input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
e. Trapping and removing wild pigs	<sup>215</sup> <input type="checkbox"/> Yes <input type="checkbox"/> No	<sup>216</sup> \$	<sup>217</sup> <input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
f. Repellents for wild pigs	<sup>218</sup> <input type="checkbox"/> Yes <input type="checkbox"/> No	<sup>219</sup> \$	<sup>220</sup> <input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4
g. Other (Specify 1008 _____)	<sup>221</sup> <input type="checkbox"/> Yes <input type="checkbox"/> No	<sup>222</sup> \$	<sup>223</sup> <input type="checkbox"/> 1	<input type="checkbox"/> 2	<input type="checkbox"/> 3	<input type="checkbox"/> 4

3. Do you use **electric** fencing on your operation?

<sup>224</sup>  Yes – Continue       No – SKIP to Item 4

a. Approximately how much did it cost to install this **electric** fencing? . . . . .

<b>Dollars</b>
225

b. At the time of installation, how many years was the expected useful life of this **electric** fencing? . . . . .

<b>Years</b>
226

c. In 2016, did you use this **electric** fencing **primarily** to reduce damage by wild pigs?

<sup>327</sup>  Yes       No

4. In 2014, did you use **non-electric** fencing on your operation **specifically** to reduce damage by wild pigs?

<sup>227</sup> <sub>1</sub> Yes – Continue      <sub>3</sub> No – SKIP to Item 5

<b>Dollars</b>
228

a. How much did it cost to install this **non-electric** fencing? . . . . .

b. At the time of installation, how many years was the expected useful life of this **non-electric** fencing? . . . . .

<b>Years</b>
229

c. In 2016, did you use this **non-electric** fencing **primarily** to reduce damage by wild pigs?

<sup>328</sup> <sub>1</sub> Yes      <sub>3</sub> No



**SECTION 5 – CONTROL**

5. In 2016, how many wild pigs were **killed** on your operation? . . . . .

None	<b>Head</b>
<input type="checkbox"/>	230

6. In 2016, how many **live** wild pigs were **removed** from your operation? . . . . .

None	<b>Head</b>
<input type="checkbox"/>	231

**[If Item 6 is zero, go to Item 7; otherwise continue]**

a. Of the (Item 6) live wild pigs removed from your operation in 2016, were any sold?

<sup>232</sup>  Yes – Continue       No – SKIP to Item 7

b. What was the average price per head you received for the live wild pigs removed from your operation in 2016? . . . . .

<b>Dollars/Head</b>
233
\$

7. In 2016, did you seek help from a county, state, or federal agency because of the damage due to wild pigs on your operation?

<sup>234</sup>  Yes       No       Not Applicable – No damage by wild pigs

8. In 2016, did you take any measures specifically aimed at reducing contact between wild pigs and domestic livestock?

<sup>329</sup>  Yes – Continue       No – SKIP to Section 6

a. In 2016, approximately how much did you spend to install and/or maintain measures specifically aimed at reducing contact between wild pigs and domestic livestock? . . . . .

<b>Dollars</b>
330
\$

**SECTION 6 – HUNTING**

1. Do you hunt recreationally?

331  Yes  No

2. Which animals do you think have experienced a decline in population on this operation in the last three years that you attribute to wild pigs? Check all that apply

332  Deer  
 Upland Birds  
 Waterfowl  
 Turkeys  
 Other  
 None of these  
 Don't know

3. In 2016, did you or anyone else hunt on your operation?

235  Yes – Continue  No – SKIP to Section 7  Don't Know – SKIP to Section 7

4. Please answer the following items regarding hunting of wildlife on your operation in 2016. Check all that apply

Hunting	None	Wild Pigs	Deer	Upland Birds	Waterfowl	Turkeys	Other
a. Which animals did you or your immediate family hunt on your operation in 2016?	<input type="checkbox"/>	236 <input type="checkbox"/>	237 <input type="checkbox"/>	238 <input type="checkbox"/>	299 <input type="checkbox"/>	240 <input type="checkbox"/>	241 <input type="checkbox"/>
b. Which animals did anyone other than your immediate family hunt on your operation in 2016 without paying?	<input type="checkbox"/>	242 <input type="checkbox"/>	243 <input type="checkbox"/>	244 <input type="checkbox"/>	245 <input type="checkbox"/>	246 <input type="checkbox"/>	247 <input type="checkbox"/>
c. Which animals did anyone pay to be allowed to hunt on your operation in 2016? (Exclude guide or outfitting services)	<input type="checkbox"/>	248 <input type="checkbox"/>	249 <input type="checkbox"/>	250 <input type="checkbox"/>	251 <input type="checkbox"/>	252 <input type="checkbox"/>	253 <input type="checkbox"/>
d. For which animals did you provide a guide or outfitting service to paying hunters on your operation in 2016?	<input type="checkbox"/>	254 <input type="checkbox"/>	255 <input type="checkbox"/>	256 <input type="checkbox"/>	257 <input type="checkbox"/>	258 <input type="checkbox"/>	259 <input type="checkbox"/>

5. During 2016, what was your net income from:

None	<b>Dollars</b>
<input type="checkbox"/>	265
<input type="checkbox"/>	266

a. **Wild pig hunting** on your operation? .....

b. **All hunting activities** on your operation? .....

**SECTION 7 – DEMOGRAPHICS**

1. What was your age on December 31, 2016? ..... 

<b>Years</b>
267
2. What is your gender? ..... <sup>278</sup>  Male  Female
3. In 2016, did you spend most of your work time on the farm or ranch, or outside the farm or ranch? <sup>279</sup>  On the farm or ranch  Outside the farm or ranch
4. Do you make the majority of the day to day decisions about farming/ranching for this operation? ..... <sup>280</sup>  Yes - Continue  No – SKIP to Item 6
5. In what year did you begin to make day-to-day decisions for a farm or ranch operation? ..... 

<b>Year (YYYY)</b>
283
6. Are you a hired manager for this operation? ..... <sup>281</sup>  Yes  No
7. Do you currently live on this operation? ..... <sup>282</sup>  Yes  No
8. In 2016, what was your total household income before taxes? Check one only
- <sup>284</sup>  Less than \$1,000  \$50,000 to \$99,999
- \$1,000 to \$2,499  \$100,000 to \$249,999
- \$2,500 to \$4,999  \$250,000 to \$499,999
- \$5,000 to \$9,999  \$500,000 to \$999,999
- \$10,000 to \$24,999  \$1,000,000 or more
- \$25,000 to \$49,999
9. In 2016, what percent of your total household income came from farming and/or ranching? Check one only
- <sup>285</sup>  None  51% to 75%
- 1% to 25%  76% to 99%
- 26% to 50%  100%

**SECTION 8 – CONCLUSION**

Respondent Name: _____	9911 Phone: ( ) _____	9910    MM    DD    YY Date: ____ / ____ / ____
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Thank you for your time. Please return this questionnaire in the enclosed envelope.

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Response	Respondent	Mode	Enum.	Eval.	Change	Office Use for POID			
1-Comp 2-R 3-Inac 4-Office Hold 5-R – Est 6-Inac – Est 7-Off Hold – Est	9901 1-Op/Mgr 2-Sp 3-Acct/Bkpr 4-Partner 9-Oth	9902 1-Mail 2-Tel 3-Face-to-Face 4-CATI 5-Web 6-e-mail 7-Fax 8-CAPI 19-Other	9903 9998	9900	9985	9989			
						Optional Use			
						9907	9908	9906	9916
S/E Name _____									