#### FERAL SWINE SURVEY - 2019

OMB No. 0535-0256 Approval Expires: 6/30/2018 Project Code: 931

QID: 153784 SMetaKey: 3784



United States Department of Agriculture



NATIONAL AGRICULTURAL STATISTICS SERVICE

#### USDA/NASS

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**Animal and Plant Health Inspection Service** 

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

November 30, 2018

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#### **SECTION 1 - GENERAL**

Ι.	Or	i January 1, 2019, now many acres did y	our operation:		Acres				
	a. Own?								
	b. Rent or lease <b>from</b> others or use rent free? (Exclude land used on an animal unit month (AUM) basis, BLM and Forest Service land.) +								
	C.	Rent to others?			102				
2.	Ca	alculate item 1a + 1b - 1c. Then the total	acres operated on, 2019 was	=	103				
3.	In '	what state and county is the majority of y	your operation located?		OFFICE USE				
		State	County		104				
					105				
4. During the last three years, have wild pigs been present in the county reported in item 3? For purposes of "wild pig" refers to any pig or hog that is roaming free and does not have an owner. Other names for "wild p feral hog, wild hog, wild boar, feral pig, and feral swine.  106 1 Yes 3 No 2 Don't Know									
5.	Du 107	rring the last three years, have wild pigs $_{1}$ $_{1}$ Yes $_{3}$ No $_{2}$ Don't Kno	• •						

# **SECTION 2 - CROPS**

	108	<sub>1</sub> Yes – Continue	₃ No – Go to Section 3
2.	Repo	ort up to three crops, inc	uding trees/orchards, hay, sod, etc., harvested in 2018 with the highest value o

1. Were any crops, including trees/orchards, hay, sod, etc., harvested on your operation in 2018?

production.

		Crop With Highest Value of Production	Crop With Second Highest Value of Production	Crop With Third Highest Value of Production
a.	In 2018, which crop(s) harvested on your operation produced the highest value of production? Report for up to three crops.	109	110	111
b.	How many total acres of this crop were planted?	   112 	  113 	114
C.	How many total acres of this crop were harvested?	115	116	117
	(i) What was the average yield per acre of this crop?	118	119	120
	(ii) What was the unit for the yield reported in row c(i) above?	121	122   1 Bushels   2 Hundredweight   3 Pounds   4 Tons   5 Other (Specify:	123
	(iii) What was the average price received, or expected to be received, for this crop harvested in 2018? (If this crop was or will be used on the operation instead of being sold, please give your best estimate of the crop's value)	124   	125   	126   
	(iv) Was this crop certified as organic?	127 	128 1 Yes 3 No	129 1 Yes 3 No

		Crop With Highest Value of Production	Crop With Second Highest Value of Production	Crop With Third Highest Value of Production Crop
	the best of your knowledge, were wild s present on any field of this crop?	130  1 Yes-Continue  3 No-Go to Item 2e  2 Don't Know-Go to Item 2e	131  1 Yes-Continue  3 No-Go to Item 2e  2 Don't Know-Go to Item 2e	132  1 Yes-Continue  3 No-Go to Item 2e  2 Don't Know-Go to Item 2e
	Did the presence of wild pigs make this crop more costly to harvest?	xxx 1 Yes-Continue 3 No-Go to Item 2d.iii 2 Don't Know-Go to Item 2d.iii	Xxx  1 Yes-Continue  3 No-Go to Item 2d.iii  2 Don't Know-Go to Item 2d.iii	xxx  1 Yes-Continue  3 No-Go to Item 2d.iii  2 Don't Know-Go to Item 2d.iii
r } \ \ &	What is your best estimate of how much more costly this crop was to narvest in 2018 because of the presence of wild pigs (including the value of your time, labor, and any additional equipment that may have been required)?	Xxx	   Xxx 	Xxx \$
(iii) '	Was this crop damaged by wild pigs?	133 1	134   1 Yes-Continue   3 No-Go to Item 2e   2 Don't Know-Go to   Item 2e	135
	How many acres of this crop were damaged by wild pigs?	136  - 	137   	138
(	What was the average yield per acre of the acres damaged by wild pigs? (use the same unit used on previous page)	139 	140       	141
` ` `	If these acres had not been damaged, what would have been their yield per acre? (use the same unit used on previous page)	142   	143    -  - 	144
e. Did	you have crop insurance on this crop?	145  1 Yes-Continue  3 No-Go to Section 3	146  1 Yes-Continue  3 No-Go to Section 3	147 $_{1}$ Yes-Continue $_{3}$ No-Go to Section 3
	Did the crop insurance policy cover wildlife damage?	148  1 Yes-Continue  3 No-Go to Section 3  2 Don't Know-Go to Section 3	149  1 Yes-Continue  3 No-Go to Section 3  2 Don't Know-Go to Section 3	150  ₁□ Yes-Continue  ₃□ No-Go to Section 3  ₂□ Don't Know-Go to Section 3
	Did you file a claim on this crop for wild pig damage?	151 1 Yes-Continue 3 No-Go to Section 3	152 1 Yes-Continue 3 No-Go to Section 3	153 1 Yes-Continue 3 No-Go to Section 3
i	What was the total payment received or expected to be received from the insurance company for the wild pig damage claim?	154       \$	\$	<b>\$</b>

## **SECTION 3 – LIVESTOCK**

1.	We	ere any livestock on your operation in 2018?			
	157	₁ Yes – Continue ₃ No – Go to Section 4			
2.	Ho	w many of the following types of livestock were on your operation on December 31, 2018?			
			None	Head	
	a.	Cattle and Calves		158	
	b.	Domestic Hogs and Pigs		159	
	C.	Sheep and Lambs		160	
	d.	Goats and Kids		161	
	e.	Poultry		162	
	f.	Horses, Ponies, and Mules		163	
	g.	Other (Specify: 1003)		164	
3.	In 2	2018, to the best of your knowledge, were wild pigs ever <b>seen</b> in areas where livestock are	kept?		
	165	1 Yes − Continue 3 No − Go to Item 5			
4.	In 2	2018, to the best of your knowledge, how often were wild pigs <b>seen</b> in areas where livestoo	k are kep	ot?	
66		¹ ☐ Daily			
		² ☐ Weekly			
		³ ☐ About once a month			
		$^4$ $\square$ Less frequently than once a month			
5.		2018, was there evidence that wild pigs entered or gained access to livestock barns or pen	s?		
	167	1 Yes 3 No 2 Don't Know 4 Not Applicable			
3.	In 2	2018, was there evidence that wild pigs entered or gained access to livestock feed, grain, a	nd hay?		
	168	1 Yes 3 No 2 Don't Know 4 Not Applicable			
7.	In 2	2018, could you attribute any of the following livestock diseases on your operation to the pr	esence o	f wild pigs?	
	a.	Swine Brucellosis (Brucella Suis)	₁☐ Yes		
	b.	Pseudorabies (Aujeszky's disease)	ı Yes	S ₃ No	
	c.	Porcine Reproductive and Respiratory Syndrome (PRRS)	ı Yes	S ₃ No	
	d.	Swine Influenza virus. 172	<sub>1</sub> Yes	S 3 No	
	6	Other (Specify: 1004 ) 173	1 Yes	NO.	

#### **SECTION 3 – LIVESTOCK**

8. In 2018, could you attribute any livestock deaths on your operation to the presence of wild pigs?

174	₁☐ Yes – Continue	e ₃□ No – Go to Item 11	<sub>2</sub> Don't Know -	- Go to Item 11						
ho	9. In 2018, which of the following types of livestock on your operation were lost due to wild pigs? If livestock were lost, how many were lost in 2018, what was the market value of livestock lost, and was the loss due primarily to disease or an attack by wild pigs?									
L	ivestock Type	Livestock lost due to wild pigs?	Number lost to wild pigs in 2018	livestock lost at time of death to wild pigs	Primary cause of Loss due to Wild pigs					
			(Head)	(Dollars)	(Check one)					
		175	176 	177	<sup>178</sup> ₁□ Disease					
		¹ Yes-Continue			<sub>2</sub> Attack					
a.	Cattle and Calves	₃☐ No-Go to Item 9b	    -	    \$	₃ ☐ Don't Know					
		179	180	181	182 <sub>1</sub> Disease					
		l ₁□ Yes-Continue	 	 	$_{2}\square$ Attack					
b.	Domestic Hogs and Pigs	l ₃☐ No-Go to Item 9c	 	  \$	₃ ☐ Don't Know					
		183	184	185	186 Disease					
		₁ Yes-Continue			<sub>2</sub> L Attack					
C.	Sheep and Lambs	₃☐ No-Go to Item 9d		\$	₃ ☐ Don't Know					
		187	188 	189	$_{1}^{190}$ $_{1}\Box$ Disease					
		l ₁□ Yes-Continue	 	 	<sub>2</sub> Attack					
d.	Goats and Kids	l I ₃☐ No-Go to Item 9e	 	  \$	l ₃ ☐ Don't Know					
		191	192	193	194 <sub>1</sub> Disease					
		₁ Yes-Continue	  -		<sub>2</sub> $\square$ Attack					
e.	Poultry	₃☐ No-Go to Item 9f	   	    \$	₃ ☐ Don't Know					
f.	Other	195	196	197	198 <sub>1</sub> Disease					
'.	Outo	l I 1 Yes-Continue	 	 	l 2 Attack					
(Speci	•	No-Go to Item 10	 	 Ф	l ₃ ☐ Don't Know					

# [If any of the deaths reported in Item 9 were due to disease, continue; otherwise go to Item 11]

10.	Which of the following made the diagnosis that livestock were <b>lost due to a wild pig-related disease</b> ? Check all that apply
199	☐ Farm Operator
200	$\square$ Farm Manager
201	☐ Biologist
202	☐ Veterinarian
203	Other (Specify: 1006)
11.	How concerned are you about the potential spread of diseases from wild pigs to livestock? Check one only
204	₁ ☐ Not concerned
	<sub>2</sub> Slightly concerned
	$_3$ $\square$ Moderately concerned
	₄ ☐ Very concerned

## **SECTION 4 - PROPERTY**

1 In 2018, which of the following types of damage due to wild pigs occurred on your operation? If property was damaged how much did it cost, or would you estimate it would cost, to repair the damage, and how severe was the damage?

	now much did it cost, or v	Vouic	you estimate it we	Cost of	How much damage occurred? Check one per row								
	Did damage occur?		_	damage (or estimate of repair), including materials, labor, and the value of your time	1	Mild mage	Moderate Damage	Somewhat Severe Damage	Very Severe Damage	Unsure			
a.	Building damage	206	$_1 \square$ Yes $_3 \square$ No $_2 \square$ Don't Know	\$	208	1	2 🗆	3 🔲	4 🔲	5 🗆			
b.	Fencing damage	209	$_1 \square$ Yes $_3 \square$ No $_2 \square$ Don't Know	210 \$	211	1	2 🗆	3 🔲	4	5 🗆			
C.	Field, orchard, and/or pasture damage	xxx	1 □ Yes 3 □ No 2 □ Don't Know	xxx \$	Xxx	1	2	3 🗆	4 🔲	5			
d.	Crop damage (that was not already reported in Section 2)	xxx	¹ □ Yes ³ □ No ² □ Don't Know	xxx \$	xxx	1	2	3 🗆	4 🔲	5			
e.	Livestock waterers, water pumps, and/or irrigation equipment damage	212	¹ □ Yes ³ □ No ² □ Don't Know	213	214	1	2	3 🗌	4 🗆	5			
f.	Vehicle, tractor, and/or farm equipment damage	215	1 □ Yes 3 □ No 2 □ Don't Know	216 \$	217	1	2	3 🗆	4 🔲	5			
g.	Road damage	221	1 □ Yes 3 □ No 2 □ Don't Know	222 \$	223	1	2	3 🗆	4 🔲	5			
h.	Livestock feed, grain, and/or hay damage (that was not already reported in Section 3)	224	¹ □ Yes ³ □ No ² □ Don't Know	\$	226	1	2 🗆	з 🗌	4	5			
i.	Fecal contamination of water	235	$_1 \square$ Yes $_3 \square$ No $_2 \square$ Don't Know	xxx \$	236	1	2 🔲	3 🔲	4 🔲	5 🗆			
j.	Other damage to terraces, stream banks, and/or ponds	227	$_1 \square$ Yes $_3 \square$ No $_2 \square$ Don't Know	xxx \$	228	1	2	3 🔲	4 🔲	5 🗆			
k.	Loss of wildlife habitat and non-crop trees	229	1 ☐ Yes 3 ☐ No 2 ☐ Don't Know	\$	230	1	2	3 🗆	4 🔲	5			
l.	Field topsoil erosion	231	1 □ Yes 3 □ No 2 □ Don't Know	xxx \$	232	1	2	3 🗆	4 🗆	5			
	Fecal contamination of crops (that was not already reported in Section 2)	237	1 □ Yes 3 □ No 2 □ Don't Know	xxx \$	238	1	2 🗆	3 🔲	4 🔲	5 🗆			
	Other damage secify: 1007)	239	$_1 \square$ Yes $_3 \square$ No $_2 \square$ Don't Know	\$	241	1	2 🗆	3 🗆	4	5 🗌			

#### **SECTION 5 - CONTROL**

1. In 2018, which of the following control methods were used on your operation in order to reduce or prevent damage from wild pigs?

			Cost in 2018 (Include		How effective was the control method? Check one per row					
Control Method		Used on operation in 2018?	materials, labor, and the value of your time)  (Dollars)	1	Not ective	Slightly Effective	Moderate Effectiv			
a. Shooting wild pigs on s		243	244	245	<sub>1</sub>	2	3 🗆	4		
b. Hunting wild pigs <b>with</b>	dogs	<sup>246</sup> ₁□ Yes ₃□ No	\$	248	1	2	3 🗆	4		
c. Hunting wild pigs <b>with</b> dogs	out	<sup>249</sup> ₁□ Yes ₃□ No	\$	251	1	2	3 🗆	4		
d. Aerial hunting	:	<sup>252</sup> ₁□ Yes ₃□ No	\$	254	1	2	3 🗆	4		
e. Trapping and removing pigs	g wild	<sup>255</sup> ₁☐ Yes ₃☐ No	\$	257	1	2	3 🗆	4		
f. Repellents for wild pig		<sup>258</sup> ₁□ Yes ₃□ No	\$	260	1	2	3 🗆	4		
g. Other, excluding fencing (Specify 1008	ng   :	<sup>261</sup> ₁□ Yes ₃□ No	\$	263	₁□ _	2	3	4□		
2 If a reasonably-priced wild pig poison were available that causes minimal suffering, poses no risk to human health, and causes little harm to other wildlife, would you be likely to use it on your operation to reduce or prevent damage from wild pigs?  XXX  1 Yes  3 No										
264										
a. In what year did you in b. Approximately how mu the value of your time)	ıch did it	cost to install t	his electric fencin				or, and	Year  xxx  Dollars  265		
c. At the time of installati	on, how i	many years wa	as the expected u	seful	life of th	is electric fen	cing?	Years 266		

4. Do you install **non-electric** fencing on your operation for the primary purpose of reducing damage by wild pigs?

		9	
	267	Yes – Continue $_3$ $\square$ No – Go to Item 5	
			Year
	a.	In what year did you install this non-electric fencing?	xxx
	h	Approximately how much did it cost to install this non cleatric fancing (including materials, labor	Dollars
	b.	Approximately how much did it cost to install this non-electric fencing (including materials, labor, and the value of your time)?	268
			Years
	•	At the time of installation, how many years was the expected useful life of this electric fencing?	269
	C.	At the time of installation, now many years was the expected useful life of this electric fericing?	
		None	Head
5.	In	2018, how many wild pigs were <b>killed</b> on your operation?	270
		None	Head
6	In	2018, how many <b>live</b> wild pigs were <b>removed</b> from your operation?	271
[If	Iter	n 6 is zero, go to Item 7; otherwise continue]	
	a.	Of the (Item 6) live wild pigs removed from your operation in 2018, were any sold?	
		$_{1}\square$ Yes — Continue $_{3}\square$ No — Go to Item 7	
			Dollars/Head
	b.	What was the average price per head you received for the live wild pigs removed from your	273
		operation in 2018?	\$
7.		2018, did you seek help from a university or a county, state, or federal agency because of the damages on your operation?	ge due to wild
		Yes –List the universities or agencies you sought help from: xxxx	
			<del></del>
		<sub>3</sub> No	
		$_4$ $\square$ NA – No damage by wild pigs	

## **SECTION 6 – HUNTING**

1.	In 2	2018, did you or anyone else hur  1 Yes — Continue  3	•	•				Don't	Know	Co	to Coot	ion 7				
•																
2.		ease answer the following items	regardinç	j nun	ung o	r wildi	ine or		operati asants	on ir	1 2018.	Cneck all t	nat a	дрріу		
		Hunting	None	l	ild gs	De	eer		d/or uail	Wat	terfowl	Turkeys	Dov	ves	Ot	her
	a.	Which animals did you or your immediate family hunt on your operation in 2018?	xxx	276		277		278		279		280	xxx		281	
	b.	Which animals did anyone other than your immediate family hunt on your operation in 2018 without paying?	xxx	282		283		284		285		286	xxx		287	
	C.	Which animals did anyone pay to be allowed to hunt on your operation in 2018? (Exclude guide or outfitting services that you provided)	xxx	288		289		290		291		292	xxx		293	
	d.	For which animals did you provide a guide or outfitting service to paying hunters on your operation in 2018?	xxx	294		295		296		297		298	xxx		299	
3.		nich animals do you think have e ibute to wild pigs? Check all tha		d a d	ecline	in po	pulat	ion or	n this op	oerat	ion in th	e last thre	e ye	ars th	nat yo	u
300		Deer														
301		☐ Pheasants and/or Quail														
302		☐ Waterfowl														
303		Turkeys														
Xxx		Doves														
304		Other														
Xxx		☐ None of these														
Xxx		☐ Don't know														
4	Du	ring 2018, what was your net inc	ome from	:							1	None	607		ollars	3
	a.	Wild pig hunting on your opera	ation?										305	,		
	h.	All hunting activities on your o	operation?										306	;	_	

## **SECTION 7 – DEMOGRAPHICS**

		Years
1.	What was your age on December 31, 2018?	307
2.	What is your gender?	Male ₃□ Female
3.	At which occupation did you spend the majority of your work time in 2018? 309 1 Farm or ranch w	ork 2 Other
4.	Do you make the majority of the decisions about farming/ranching for your operation? $^{310}$	Yes ₃□ No
5.	Are you a hired manager for this operation?	Yes ₃□ No
6.	Do you currently live on this operation?	Yes ₃□ No
		Year (YYYY)
7.	In what year did you begin to make day-to-day decisions for a farm or ranch operation?	313
	In 2018, what was your total household income before taxes, including farm and non-farm income? Ch  4	
9.	In 2018, what percent of your total household income came from farming and/or ranching? Check one	only
3	15	
	0 TOO 10	

## **SECTION 8 – CONCLUSION**

		9910	MM	DD	YY
Respondent Name:	9911 Phone: ( )	Date:			

Thank you for your time. Please return this questionnaire in the enclosed envelope.

#### OFFICE USE ONLY

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  R. Unit  9921	9985	9989	Option 9908	9906	9916