

Wild Pig Damage in Agricultural Lands in California Survey

ALL RESPONSES ARE CONFIDENTIAL

THANK YOU FOR YOUR INPUT AND COOPERATION

We estimate that this survey will take 15 minutes of your time to complete. Your responses will tell us more about Wild Pigs in California and will be used to gain insights into attitudes regarding wild pigs and the geographic distribution of their damage. Wild pigs often have other names, including wild hog, feral pig, feral hog, wild boar, Russian boar, and Eurasian boar. All these names refer to the SAME animal. In this survey, we refer to these animals as Wild Pigs.

Wild Pigs are distributed across the United States, including in California. Although landowners and others in California may encounter Wild Pigs, we know little about the extent and type of damage they cause in our state, as well as the attitudes about their presence. Therefore, your help is critical to increase our understanding of how Wild Pigs affect landowners. The answers you provide will also help us develop more effective programs to deal with Wild Pigs.

Landowners with more than one property, please fill out one survey for each property. We will share our results with state and local officials to make them aware of the concerns people have about Wild Pigs. Individual responses will be kept strictly confidential. This survey is being conducted by researchers at the University of California Cooperative Extension (UCCE). For any questions about the survey please contact John Harper of Mendocino and Lake counties extension office at 890 N. Bush Street in Ukiah, telephone number (707) 463-4495

(707) 463-4495

, email: jmharper@ucanr.edu.

Whether you have wild pigs on your property or not, your answers are important to us.

= Required

Section 1: Basic Personal Information

(Participant identity and ranch-specific information will be kept strictly confidential and never released.)

Name:

Ranch/Farm Name:

Phone:

Email:

What county or counties is your ranch or farm located? Please select all that apply.

***This will allow us to identify counties where pig damage occurs.**

Alameda
Alpine
Amador
Butte
Calaveras
Colusa
Contra Costa
Del Norte
El Dorado
Fresno
Glenn
Humboldt
Imperial
Inyo
Kern
Kings
Lake
Lassen
Los Angeles
Madera
Marin
Mariposa
Mendocino
Merced
Modoc
Mono
Monterey

Napa
Nevada
Orange
Placer
Plumas
Riverside
Sacramento
San Benito
San Bernardino
San Diego
San Francisco
San Joaquin
San Luis Obispo
San Mateo
Santa Barbara
Santa Clara
Santa Cruz
Shasta
Sierra
Siskiyou
Solano
Sonoma
Stanislaus
Sutter
Tehama
Trinity
Tulare
Tuolumne
Ventura
Yolo
Yuba

Address:

Address 2:

City:

State (abbreviation):

Zip Code:

Ranch or Farm Acreage:

Livestock Description (choose all that apply)

- Beef Cattle: Cow-Calf
- Beef Cattle: Stockers
- Sheep
- Meat Goats
- Dairy Goats
- Angora or Mohair Goats
- Dairy Cattle
- Horses
- Mules
- Donkeys
- Llamas
- Alpacas
- Guard Dogs
- Domestic Pigs

For each type or class of animals, please select the number of animals you stock:

	1-45 animals	46-100 animals	101-150 animals	151-200 animals	201-300 animals	301-400 animals	Over 401 animals
Beef Cattle: Cow-calf							
Beef Cattle:							

Stockers							
Sheep							
Meat Goats							
Dairy Goats							
Angora or Mohair Goats							
Dairy Cattle							
Horses							
Mules							
Donkeys							
Llamas							
Alpacas							
Guard Dogs							
Domestic Pigs							

Farm or Ranch description (Choose all that apply):

- Irrigated hay or pasture (alfalfa, clover-grass,etc.)
- Commercial fruit trees
- Commercial nut trees
- Commercial vegetables
- Commercial vineyard
- Commercial dairy
- Rangeland

Section 2: Views About Wild Pig Damage

Please indicate how strongly you agree or disagree with the following statements by choosing one option for each row that matches your view about wild pigs and wild pig damage. Please answer these questions whether or not you have wild pigs on your property. Please rank from "Strongly Disagree" to "Strongly Agree".

	Strongly Disagree	Disagree	Somewhat Disagree	Neutral	Somewhat Agree	Agree	Strongly Agree
I enjoy seeing wild pigs around my property.							
I worry about problems wild pigs might cause to my property.							
Wild pigs are an important part of the environment.							
Wild pigs threaten the safety of people.							
Wild pigs are common where I live.							
People should learn to live with wild pigs near their homes or farms.							
CA's classification of wild pigs as a big game species negatively impacts my property.							
Wild pigs are a nuisance.							
Wild pigs are a source of disease.							
Wild pigs should be eliminated wherever possible.							
Wild pigs detract from deer hunting opportunities.							
Wild pigs have a negative impact on our local deer population.							
Wild pigs are a welcome addition to the number of big game species I can hunt.							
It should be a felony to transport and release wild pigs in California							
The laws for hunting wild pigs on private land in California are adequate.							
Wild pigs damage the environment.							
Wild pigs are harmful to native plants and wildlife in California.							
Wild pig damage facilitates invasive plant establishment.							
Recreational hunting controls wild pig damage locally.							
Current methods are effective at controlling wild pig damage.							
I would like to learn more about wild pig biology and wild pig control methods.							
The availability of cost-share funds							

would increase my willingness to engage in management actions to reduce wild pig damage (e.g., targeted trapping, shooting, and exclusion efforts)

Improving wild pig management is important to me

If you, personally, could choose to set statewide wild pig management practices, which of the following would you choose?

Big game status (requires hunting license, wild pig tag, daily bag limits, etc.) with LIMITED depredation removal

Big game status (requires hunting license, wild pig tag, daily bag limits, etc.) with UNLIMITED depredation removal

Pest status (no bag limit, removal on sight) with no recreational hunting allowed

Other (please explain)

If you selected Other in the previous question, please explain:

Section 3: Pig Damage Section

The following questions are important in helping us understand the type and extent of wild pig damage in California. Wild pig damage can include damage to property, rooting, wallowing, etc. Please answer every question as completely as possible.

Have you observed wild pig damage on your property within the last 12 months?

Yes No

Has there been wild pig damage on your property in the past

2-5 years

5-8 years

more than 8 years

No- IF NO, THANK YOU FOR YOUR RESPONSES, THE SURVEY

IS COMPLETE (please hit submit at bottom of the page!)

Where did the damage occur (check all that apply)?

- Rangeland
- Irrigated pasture or hay ground
- To vines, grapes, or vineyard floor of the commercial vineyard
- To trees, fruit, or orchard floor of commercial fruit crop
- To trees, nuts, or orchard floor of commercial nut crop
- To plants, vegetables, or crop land for commercial vegetable crop
- To irrigation systems
- To livestock (injury from conflict or predation of young by wild pigs)
- To fences
- To, or close to, a riparian area, seep, or spring
- Other

If you selected Other in the previous question, please describe:

From the list of damage above, please tell us the ONE type of damage that was most important to you:

The type of damage caused by wild pigs is viewed differently by landowners. The importance of that damage also differs. In the ABOVE question, you told us which type of damage was MOST IMPORTANT to you. How do you define importance?

- Cost me the most money
- Changed the appearance of my land in a negative way
- Had a negative impact on how I use my land
- Other (please explain)

If Other, please explain:

Did you contact state or local wildlife managers to report wild pig damage?

Yes No

If you answered YES above, what did you tell them?

Did you contact state or local elected officials to report wild pig damage?

Yes No

If you answered YES above, what did you tell them?

On your property, where do wild pigs routinely forage?

On your property, where do wild pigs rest?

On your property, when wild pigs are sighted, where do the wild pigs run to escape?

Approximately how many wild pigs have you seen on your property in the past 12 months?

Approximately how many times have you seen evidence of new pig damage on your property in the last 12 months?

How has wild pig damage on your property changed in the last 5 years?

Increasing
Decreasing
About the same

If you repair wild pig damage on your property, how many dollars do you estimate you spend each year?

How many dollars do you estimate you have spent to repair pig damage in the entire time you have owned the property?

Have you used lethal control to reduce wild pig damage on your property?

Yes No

If YES, what types of lethal control measures have you used? (check all that apply)

Depredation - Trapping
Depredation - Targeted shooting (not recreational hunting)
Recreational Hunting
Other, please specify

If Other, please describe.

Are you satisfied with the results from these lethal control measures?

Yes No

Have you used non-lethal control to reduce wild pig damage on your property?

Yes No

If YES, what types of non-lethal control measures have you used? (check all that apply)

Fencing (exclusion)
Repellent
Harassment (dogs, lights, noisemakers, etc)
Other (please explain)

If Other, please describe.

Are you satisfied with the results from these non-lethal control measures?

Yes No

In your PERSONAL experience, which control measures are effective? (Please select all that apply)

Depredation - Trapping
Depredation - Targeted shooting
Recreational hunting
Fencing
Repellent
Harassment
Other (please specify below)
None of these control measures are effective

If Other, please list additional effective control measures here:

In your PERSONAL experience, which control measures are NOT effective? (Please select all that apply)

Depredation - Trapping
Depredation - Targeted shooting
Recreational hunting
Fencing
Repellent
Harassment
Other (please specify below)

If Other, please list additional non-effective control measures here:

Substantial research has been undertaken over the last several years to examine the utility of sodium nitrite as a toxicant for wild pig removal. This product is currently registered in other countries, and could potentially be registered for use in the U.S. at some point in the future. Would you support its use in California if legalized federally?

Yes
No
Need more information

Based on your PERSONAL experience, who currently offers assistance for wild pig management in your area? (Please select all that apply)

USDA Wildlife Services
UC Cooperative Extension
CA Department of Food and Agriculture
CA Department of Fish and Wildlife biologists
CA Department of Fish and Wildlife game wardens
CA Farm Bureau
Private pest removal company
Some of my friends and family
Other (please explain)

**If Other, please list those who offer assistance
for wild pig management here:**

**Based on your PERSONAL experience, who
should be offering assistance for wild pig
management in your area? (Please select all
that apply)**

USDA Wildlife Services
UC Cooperative Extension
CA Department of Food and Agriculture
CA Department of Fish and Wildlife biologists
CA Department of Fish and Wildlife game wardens
CA Farm Bureau
Private pest removal company
Some of my friends and family
Other (please explain)

**If Other, please list those who SHOULD offer
assistance for wild pig management here:**

**Is the property in a watershed with a Total
Maximum Daily Load (TMDL) requirement for
sediment, nutrients, pathogens or
temperature?**

Yes
No
Unsure

**If Yes, what non-point source contaminant is
your watershed TMDL listed for? (select all
that apply)**

Sediment
Pathogens
Nutrients
Temperature

**If Yes, has there been wild pig damage close
to streams?**

Yes No

If Yes, please estimate the length of stream or riparian area (in feet) damaged by wild pigs:

Section 4: Smart Phone App Section

We've created a smart phone app that will allow us, with your help, to estimate wild pig acreage damage and track it over time. The following questions are to gauge interest in participation.

Do you use a smart phone (iPhone, Android, Windows, etc.) or other mobile device (e.g. iPad that is cellular capable, other tablets) with navigation (GPS) capabilities? Yes No

If yes, what type? iPhone
iPad
Android
Windows
Don't know
Other (please explain)

If Other, what device?

Do you have phone service on your property? Yes No

Would you be willing to learn how to use the app and participate in our citizen science data collection? Yes
No
Maybe, please contact me with more information

Agriculture and Natural Resources, University of California

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