

8 Apr. 2024

Standing Group of Experts on African Swine Fever for Europe

*African Swine Fever*

# Japan's ASF prevention measures

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**MAFF**

Ministry of Agriculture, Forestry and Fisheries

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# Lessons Learned

As of 4 Mar. 2024

## ASF situation in Republic of Korea

First occurrence date

16 Sep. 2019

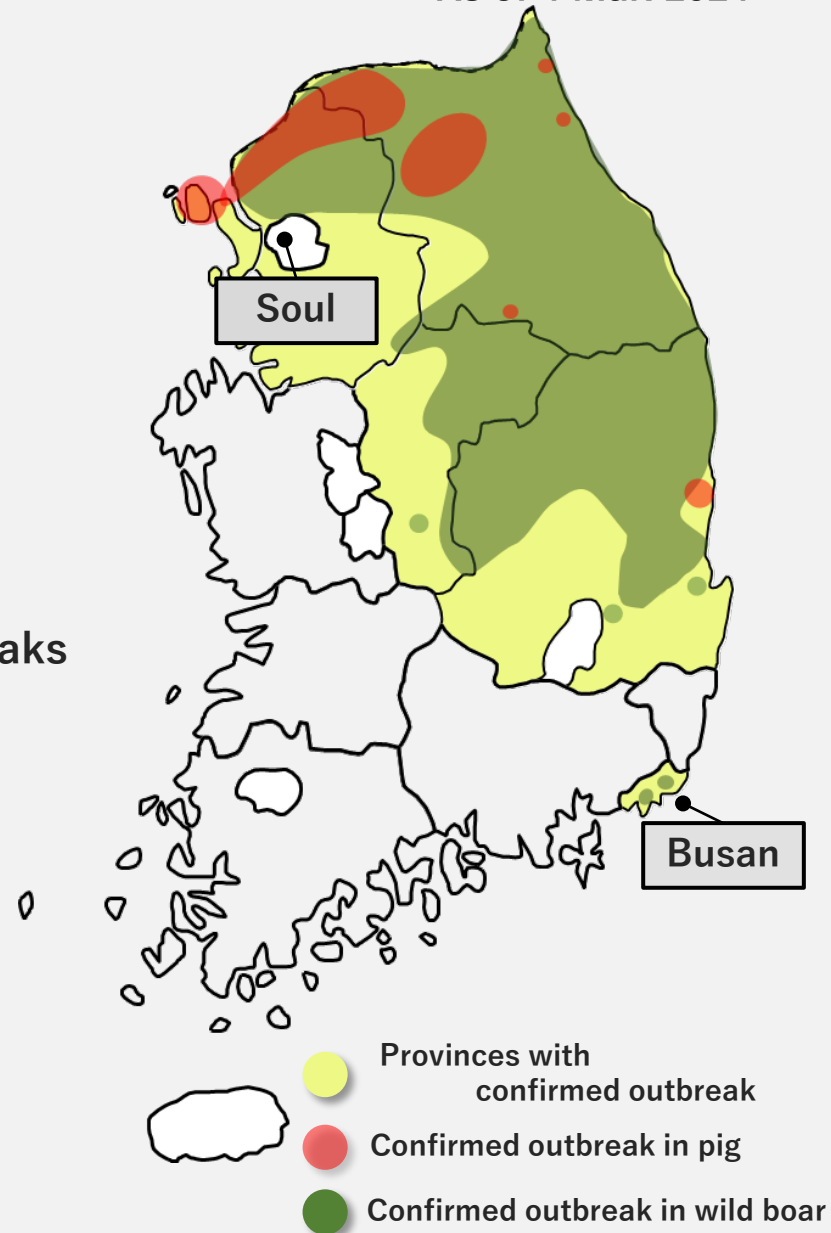
Number of cases

Pigs ..... **40** outbreaks

Wild Boars .. **3,731** outbreaks

Number of pigs raised

Approx. **11.2** million



# Lessons Learned

## Action Plans in Republic of Korea

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- Enhanced surveillance
- Carcass searching and disposal
- Movement control and depopulation by fencing
- Public awareness



● Fences along with roads



● Side entrance

# Lessons Learned

Source: Shigeki Hirata  
Institute of Livestock and Grassland Sci., NARO

## Geographic Differences

Europe

Japan

Overview

20%

Forest rate

68%

Hilly areas

Landscape

Many high-altitude areas with complex topography (many steep slopes)

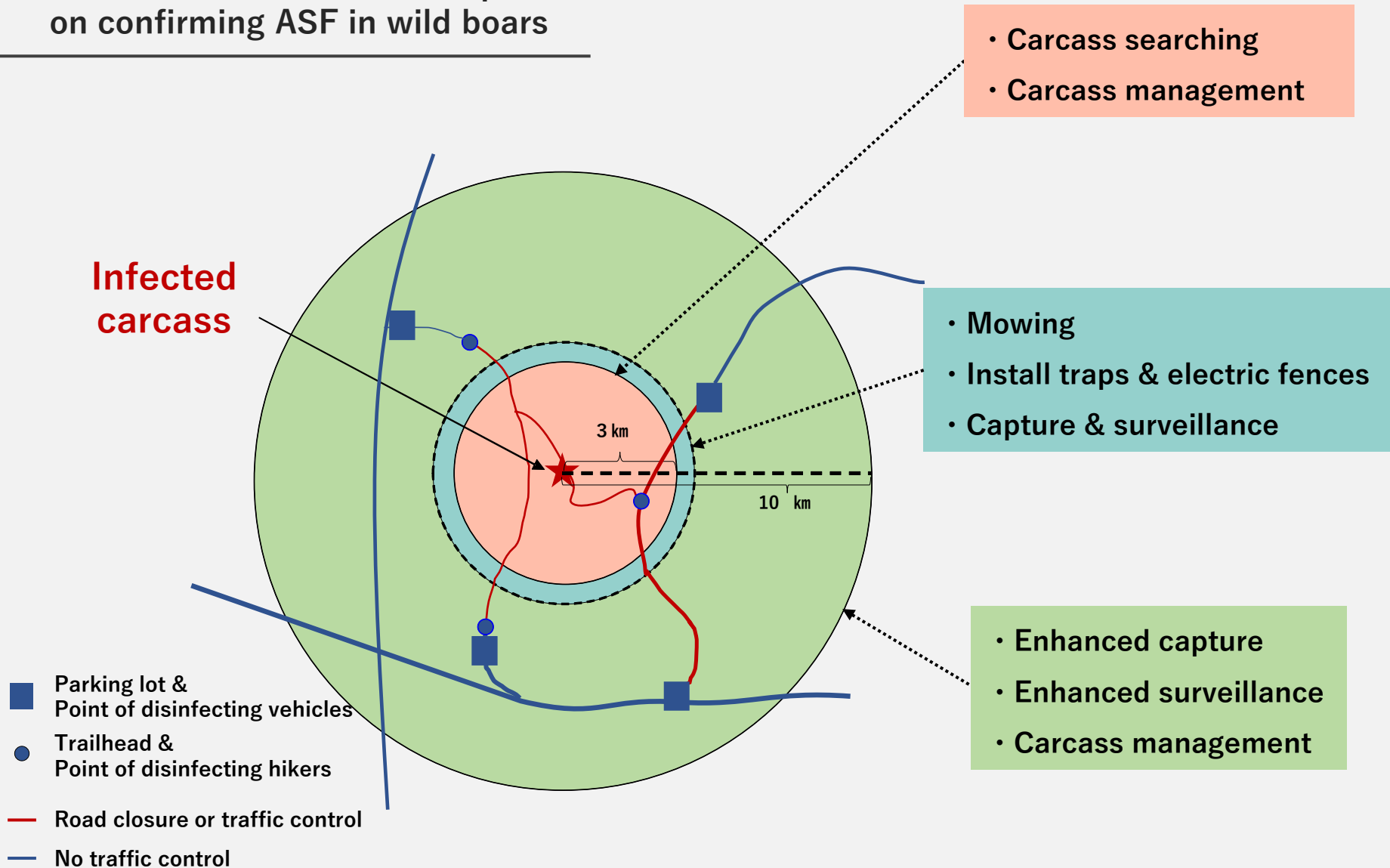
Forest is well maintained, and the forest structure and composition are somewhat more or less uniform.

Forest complexity

The forest structure is complex, including bamboo that is not found in EU.

# Lessons Learned

Measures to be taken in Japan  
on confirming ASF in wild boars

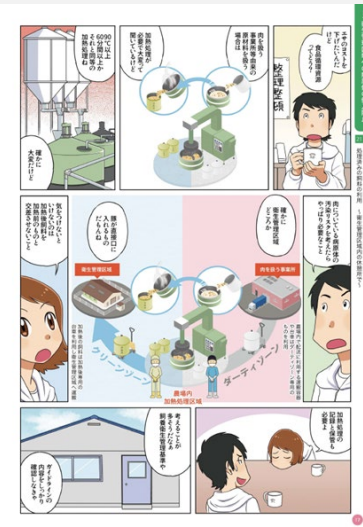
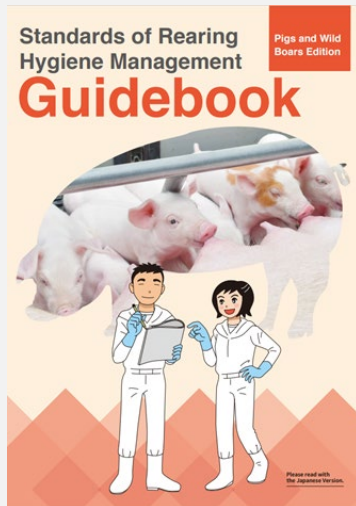


# Lessons Learned

## Biosecurity measures on swine farm

To ensure the compliance with the Official Biosecurity Standards;

- On-site inspection by Local Livestock Hygiene Service Centre
- Annual self-check scheme for owners
- Guidebooks in manga format



✓ Translated into other languages

**01** Lessons Learned

**02** Action plans for ASF  
in Japan





# | Action plans for ASF in Japan

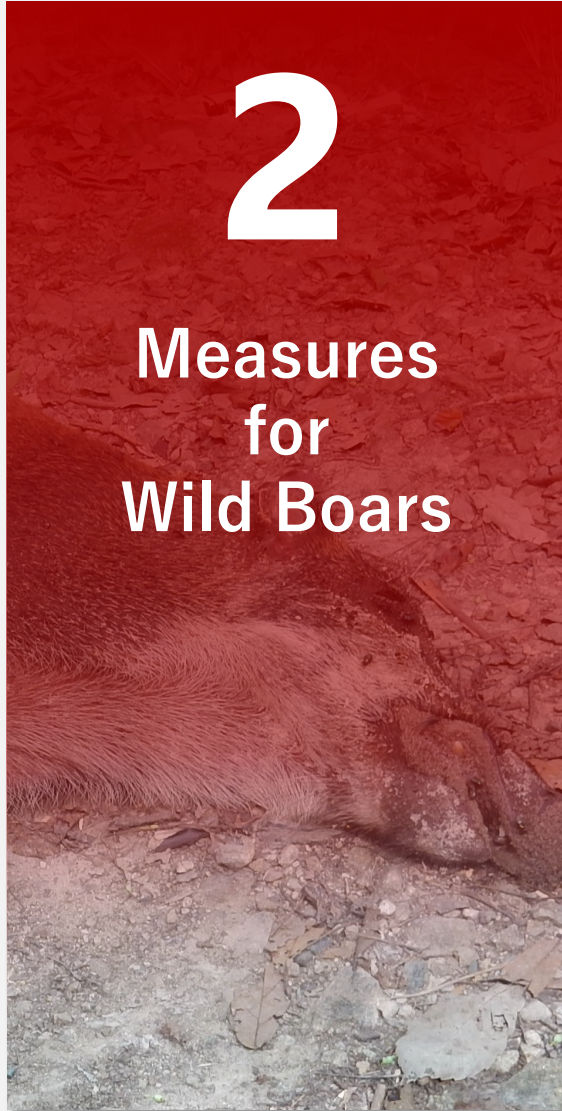
1

Border Control



2

Measures  
for  
Wild Boars



3

Enhanced  
Biosecurity  
on farms



# Action plans for ASF in Japan

1

Border control

Do not bring ASFV from

Overseas

Awareness-raising at foreign airports



Airport/Seaport

Provision of information before departure



Do not bring ASFV into

Japan

Shoe Disinfection mats



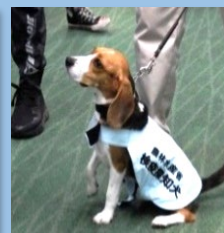
Verbal Question



Multilingual Posters



Detector Dogs



Quarantine Disposal Bin



Cooperation with Customs Authority



Quarantine Counter



Airport/Seaport

Awareness-raising



After entrance

# Action plans for ASF in Japan

1

Border control

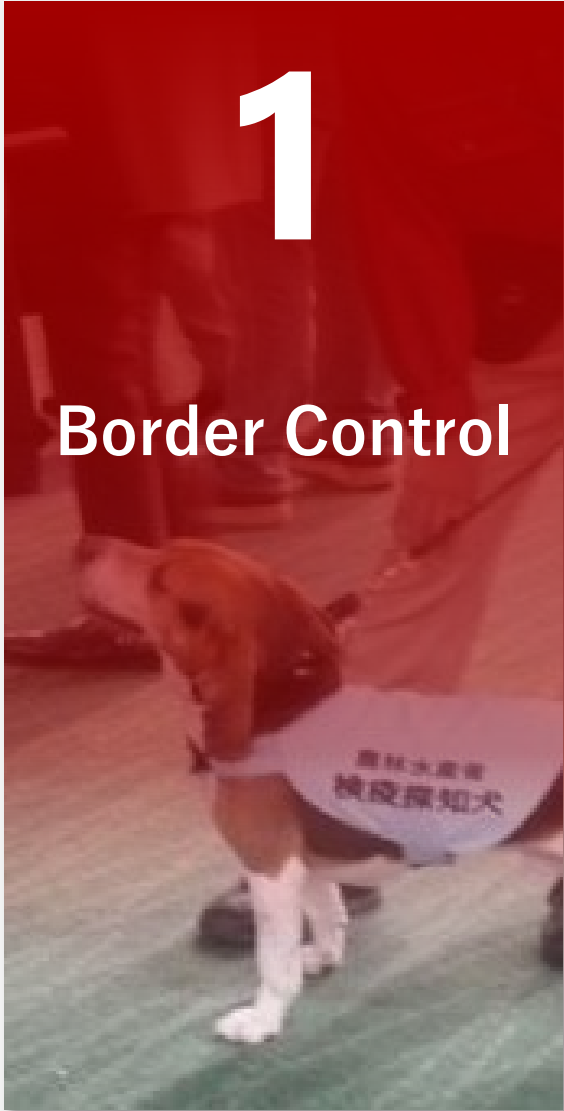
ASF virus was detected in products detained!!



# | Action plans for ASF in Japan

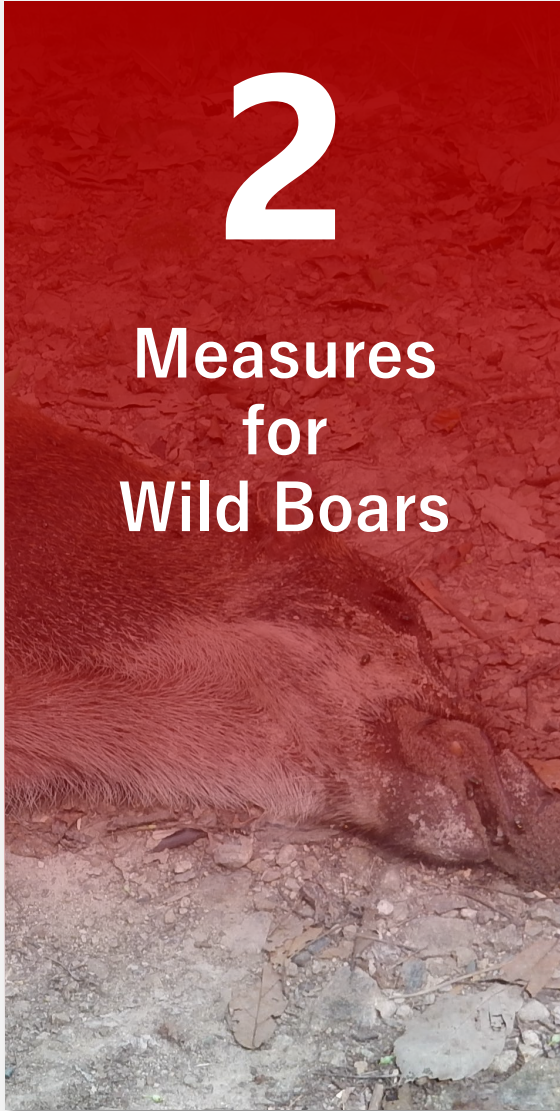
1

Border Control



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# Action plans for ASF in Japan

2

Measures  
for  
Wild Boars

## ASF surveillance

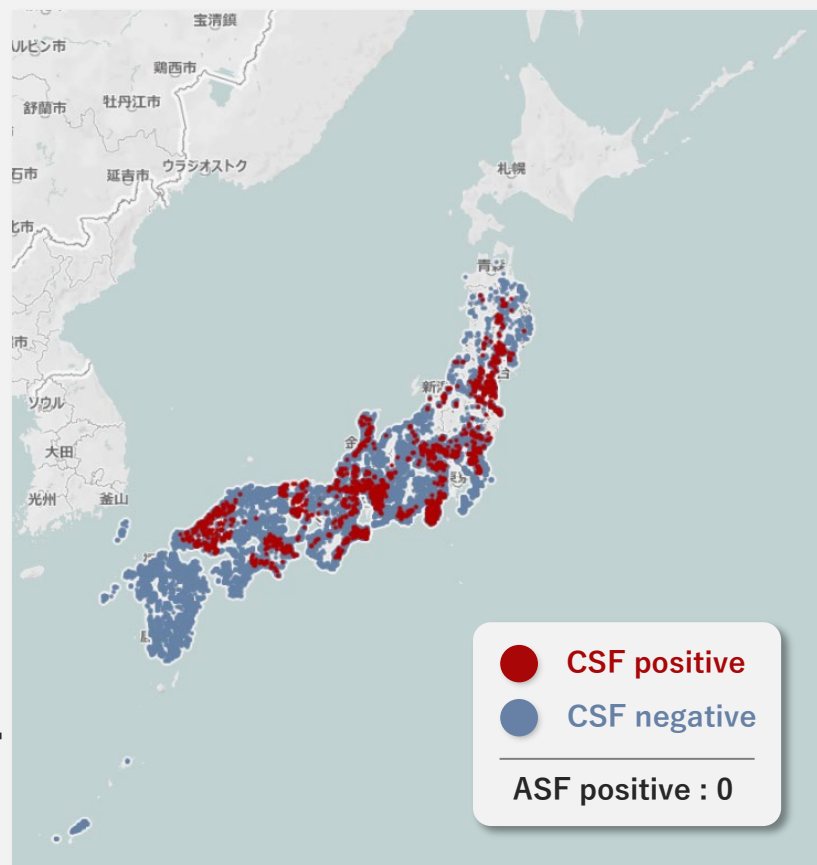
Nationwide CSF/ASF surveillance in domestic pigs and wild boars is in place.

7,113 CSF cases

110,564 wild boars tested

(\*from 13 Sep. 2018 to 13 Mar. 2024)

ASF has never been confirmed.



Dedicated mapping system for wild boars  
(As of 18 Mar 2024)

# Action plans for ASF in Japan

## Public Awareness

Attention to hikers and the general public: Countermeasures against CSF and ASF

2

Measures for Wild Boars



山林に立ち入る皆さまへ

**豚熱ウイルスの拡散防止にご協力をお願いします。**

野生のししの間で豚熱という病気が広がっています。人間に感染することはありませんが、豚に感染して養豚業に大きな被害を与えます。**ウイルスを山林から持ち帰らない**よう、ご協力をお願いします。

**1** ウイルスは土にも含まれます。靴の泥は山で落としましょう。

**2** いのししを誘引しないよう飲食物は捨てずに持ち帰りましょう。

**3** 家畜がいる施設に近寄らないようにしましょう。

**4** いのししの死体を見つけたら管轄の自治体に連絡して下さい。

農ガール  
イラスト：黒川あゆみ  
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農水省HP  
<https://www.maff.go.jp/j/syoutan/douei/cst/consumer.html>



If you are headed to mountains and fields  
もしあなたが山や野原に行くのなら

**3 key points to safeguard against African swine fever**

アフリカ豚熱を予防する3つのポイント

**1 Remove soil from the soles of your shoes**  
靴についた土は落としましょう

**2 Take home any leftover food**  
残った食べ物は持ち帰ろう

**3 Stay away from pig farms**  
養豚場には近づかないで

African swine fever is an infectious disease with a high mortality rate, characterized by fever and systemic hemorrhagic lesions when the virus infects wild boars and pigs. While there have been no outbreaks in Japan, and it does not infect humans, avoiding contact with wild boars and pigs will lead to the prevention of outbreaks.

For more information about African swine fever, please visit our website.  
アフリカ豚熱について詳しい情報はホームページをご覧ください。

MAFF Website  
<https://www.maff.go.jp/j/syoutan/douei/rasf.html>

農水省  
中央畜産会  
JAPAN LIVESTOCK INDUSTRY ASSOCIATION

# | Action plans for ASF in Japan

## 2

### Measures for Wild Boars

## Preparedness!!

MAFF has carried out the first epidemic prevention training for ASF in Sep 2020.



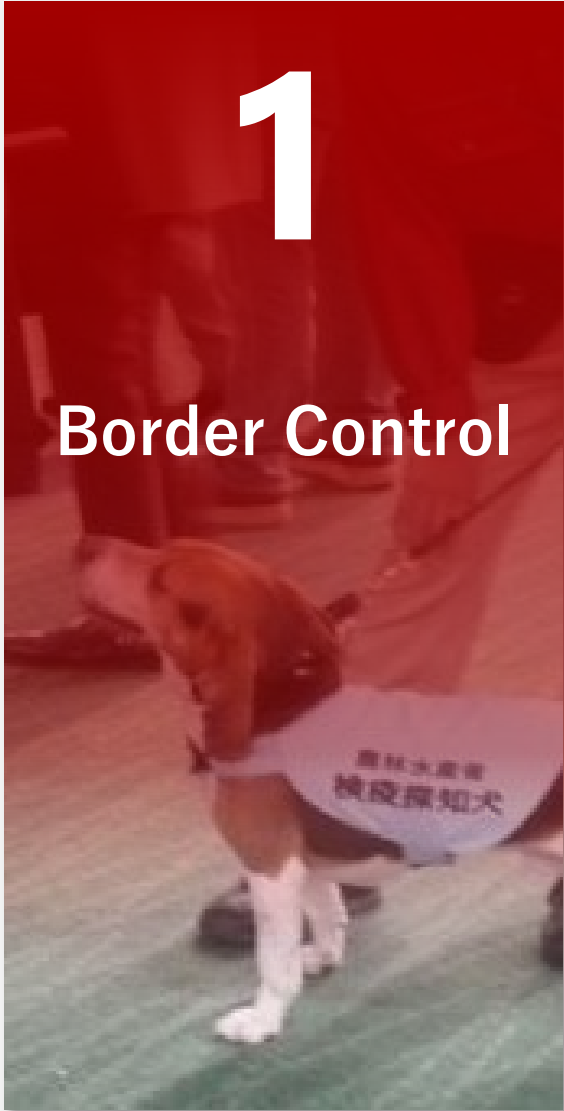
Subsequently, several prefectures conducted field training for control measures, assuming that ASF was detected in wild boars.



# | Action plans for ASF in Japan

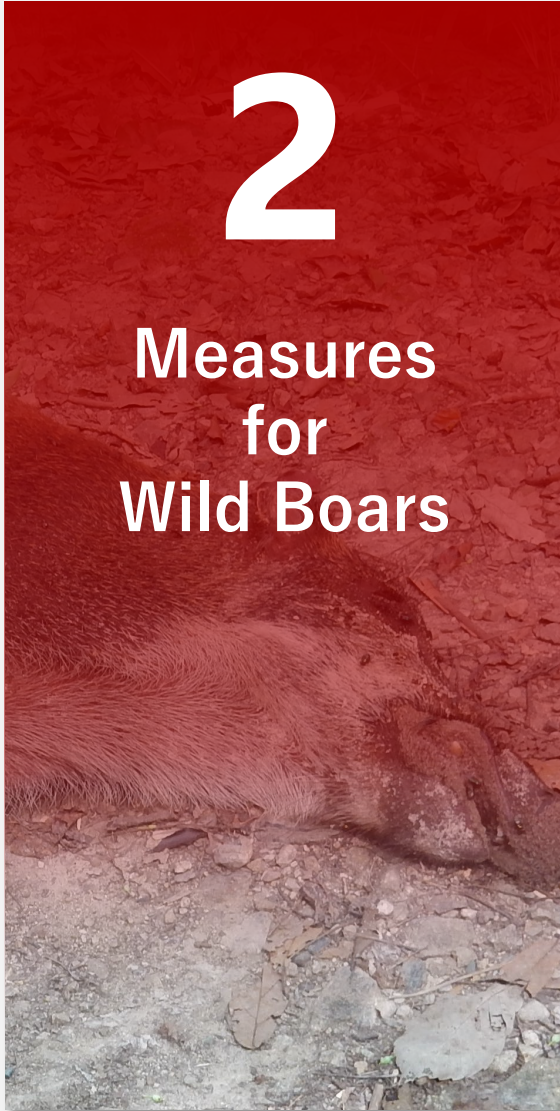
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on farms





# Action plans for ASF in Japan

## 3

### Enhanced Biosecurity on farms

#### 1 Biosecurity on farm

- Thorough cleaning and disinfection
- Preparation and use of dedicated clothes and shoes
- Record keeping of people and items entering and exiting the farm
- When using recycled feed (potentially contain meat), heat treatment to ensure inactivation of virus (60 minutes at 90 °C with stirring)



Disinfection of vehicles



Disinfection of hands



Change into rubber boots for use only in the pig house

# | Action plans for ASF in Japan

## 3

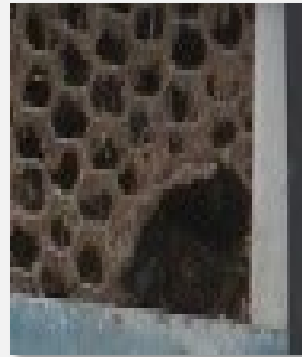
### Enhanced Biosecurity on farms

#### 2 Measures for wild animals

- Preventing the incursion of wild animals into farms by guard fences
- Preventing the contamination of feed and water
- Weeding and tidying up inside and outside of pig house
- Keep dead animals away from wild animals



Setting up guard fences



Repair walls and fences



Store dead animals securely



Thank you

**MAFF**

Ministry of Agriculture, Forestry and Fisheries