Immediate notification report

Report Summary

Disease: African swine fever
Animal type: Terrestrial

Causal Agent: African swine fever virus
Clinical Signs: Yes

Reason: Reoccurrence of a listed disease
Date of confirmation of Event: 31/01/2006

Date of Start of Event: 11/01/2006
Date of report: 14/04/2006

Diagnosis: Clinical, Laboratory (advanced), Necropsy
Date of last occurrence: 2004

Number of reported outbreaks: Submitted= 2, Draft= 0
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Entered by: Mme Maria Cristina Ramirez

Outbreak (this report - submitted)

Province: SOUTHERN
District: Livingstone
Sub-district: Farm
Unit Type: Livingstone Management farm
Location: David Livingstone Teacher's training college

Species: Swine
Measuring units: Animals
Susceptible: 20
Cases: 7
Deaths: 5
Destroyed: 14
Slaughtered: 1

Start: 11/01/2006
End: 06/02/2006

Affected Population: pigs of exotic breeds (large white and landrace) raised in a semi-intensive system

Outbreak (this report - submitted)

Province: SOUTHERN
District: Livingstone
Sub-district: Farm
Unit Type: Farm
Location: Livingstone Management farm

Species: Swine
Measuring units: Animals
Susceptible: 125
Cases: 97
Deaths: 97
Destroyed: 28
Slaughtered: 0

Start: 11/01/2006
End: 06/02/2006

Affected Population: pigs of exotic breeds (large white and landrace) raised in a semi-intensive system

Outbreak summary: Total outbreaks = 2 (Submitted)

Species | Susceptible | Cases | Deaths | Destroyed | Slaughtered
--- | --- | --- | --- | --- | ---
Swine | 145 | 104 | 102 | 42 | 1

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Epidemiology

Epidemiological comments

There is a game park (Livingstone Zoological Park) in the district, wild suidae are poached and meat is sold to residents in Livingstone district. It is possible that this could have been the source of the infection.

Source of Infection

- Fomites (humans, vehicles, feed, etc.)
- Swill feeding

Control Measures

<table>
<thead>
<tr>
<th>Applied</th>
<th>To be applied</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Movement control inside the country</td>
<td>• Disinfection of infected premises/establishment(s)</td>
</tr>
<tr>
<td>• Stamping out</td>
<td>• Quarantine</td>
</tr>
</tbody>
</table>

Animals treated: No

Vaccination Prohibited: Yes

Country / Zone

Country or zone: the whole country

Diagnostic test results

<table>
<thead>
<tr>
<th>Laboratory Type</th>
<th>Name of Laboratory</th>
<th>Species</th>
<th>Test Type</th>
<th>Date Results Provided</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>National laboratory</td>
<td>Central Veterinary Research Institute, Lusaka</td>
<td>Swine</td>
<td>indirect fluorescent antibody (IFA) test</td>
<td>31/01/2006</td>
<td>Positive</td>
</tr>
<tr>
<td>National laboratory</td>
<td>Central Veterinary Research Institute, Lusaka</td>
<td>Swine</td>
<td>haemagglutination (HA) test</td>
<td>31/01/2006</td>
<td>Positive</td>
</tr>
</tbody>
</table>

Future Reporting

What further reports will be submitted in relation to this event?

There are 2 outbreaks that are still recorded as unresolved. It is not possible to declare this event resolved until these individual outbreaks are resolved.