

African Swine Fever (ASF)

Vanuatu Stepping up with awareness campaign



Introduction



DAILYPOST.VU

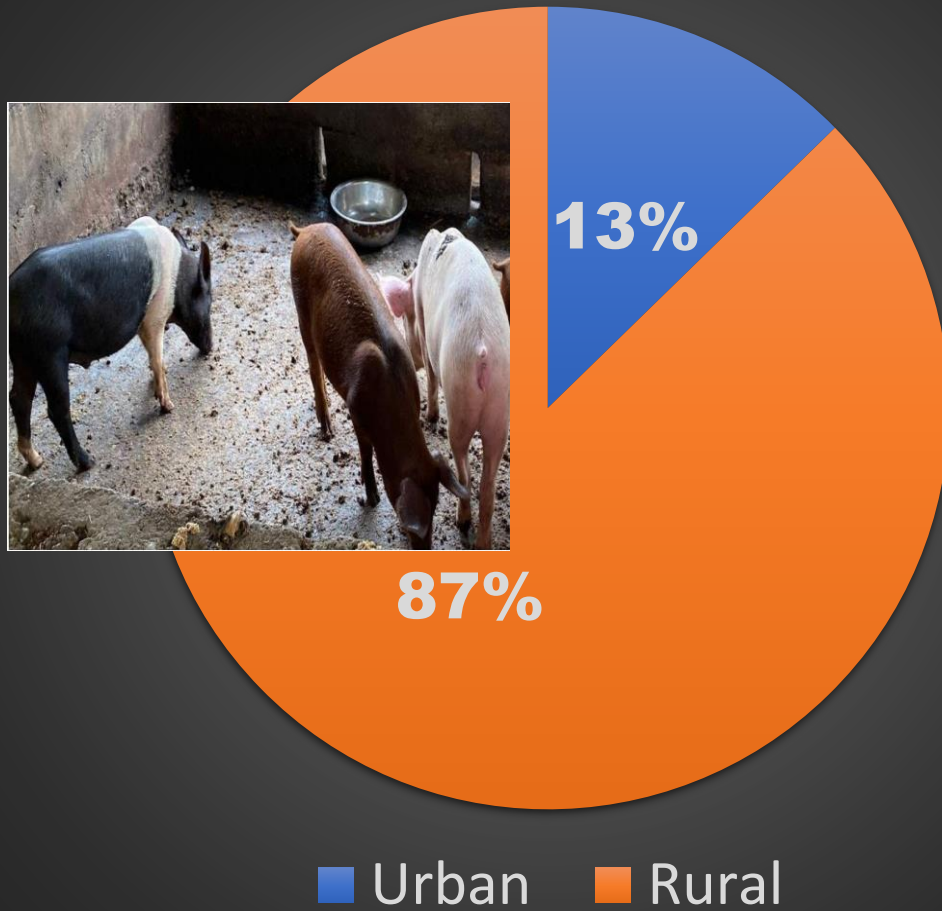
MALFFB wants Biosecurity Staff in each Province



- Smallest island nation with ~319,137(2021) population
- Scattered 81 islands; Area: 12,189 Sq Km; grouped in 6 province
- Agriculture-based economy relies on Copra, Cocoa, Kava & Cattle
 - Pig raised in small scales and semi-commercial farms
- Pigs are very important in cultural, socio-economy and livelihood like any pacific island countries
 - 2016 mini census – 89, 903 Pig population

Distribution!

2016 Mini Census Pig Population



- People lack the knowledge on ASF of which 87% lives in the rural areas & 13% lives in Rural areas (2016)
- Not everyone knows about African Swine Fever in Pigs
 - Target Audience _ Travelers, Pig Farmers, Traders & Importers, Meat processors, Livestock & Biosecurity Sector
- Communities & communication is a challenge!
- COVID- travel restrains (Campaign started 2021)

Strategy!

- Joint Operation!
- Trainings
- Development of EDRP for ASF draft
- Identify & Develop Key Message
- Train the Trainers (MALFFB Team)
- Awareness & more Awareness!



AFRICAN SWINE FEVER
POLO SUBLIMATION



ASF RTK Antigen Training



Biosecurity Vanuatu Department

December 20, 2021 · 🌐

African Swine Fever Rapid Test Kit Training

African swine fever (ASF) is a highly contagious and fatal viral disease of pigs that has become the major global trans-boundary animal disease in the last decade, moving from Africa to Caucasus, Asia, south-east Asia, Europe and the Americas, resulting in the death of over 250 million pigs. As there is no effective vaccine for ASF, the disease is very difficult to manage once established and particularly once established in wild... See more

Ingenasa ASF Rapid Ag Crom kit Test Worksheet

| | | | |
|--|-----------------------------------|---|-------------|
| Date tested: | 14/12/21 | Testing Location: | BV Hunt Lab |
| Cat. # | 11. ASF. K. 42 | Lot # | 15/220 |
| Kit components brought to room temperature <input checked="" type="checkbox"/> | | All components used are from same kit <input checked="" type="checkbox"/> | |
| EDTA <input type="checkbox"/> Heparin <input checked="" type="checkbox"/> Other <input type="checkbox"/> | specify: Distill H ₂ O | Expiry date | 2022-12-31 |
| Cat. # | - | Lot # | - |

Blood samples are fresh or kept at 4°C for up to 4 days

| Date | Testing Record | Test Result | Quality Control | Staff Name | Photo taken (Y/N) |
|----------|------------------------------|---|---|------------|-------------------|
| 14/12/21 | 20µL blood, wait 1min | Positive <input checked="" type="checkbox"/> Negative <input checked="" type="checkbox"/> | Pass <input type="checkbox"/> Fail <input type="checkbox"/> | Valewe | Y |
| | 3-4 drops buffer, read 10min | Not valid <input checked="" type="checkbox"/> | Repeat <input type="checkbox"/> | | |
| | 20µL blood, wait 1min | Positive <input type="checkbox"/> Negative <input type="checkbox"/> | Pass <input type="checkbox"/> Fail <input type="checkbox"/> | | |
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| | 3-4 drops buffer, read 10min | Not valid <input type="checkbox"/> | Repeat <input type="checkbox"/> | | |

Record of testing procedure: Print out addition

Results authorised Staff initials/date: Sm/14/12/21



Animal Health Officers (Livestock & Biosecurity Departments)

KEEP VANUATU FREE FROM

**AFRICAN SWINE FEVER
ASF**



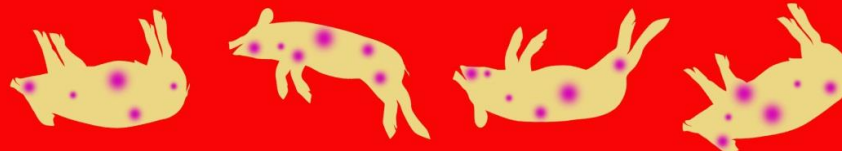
PIG OWNERS

- ✗ **DON'T FEED MEAT SCRAPS TO PIGS**
- ✓ **WEAR CLEAN CLOTHES & FOOTWEAR AROUND PIGS**
- ✓ **REPORT ANY SICKNESS OR DEATH IN PIGS TO LIVESTOCK OFFICERS.**
- ✓ **ALWAYS SOURCE PIGS FROM HEALTHY FARMS**
- ✓ **AVOID VISITING OTHER PIG FARMS**



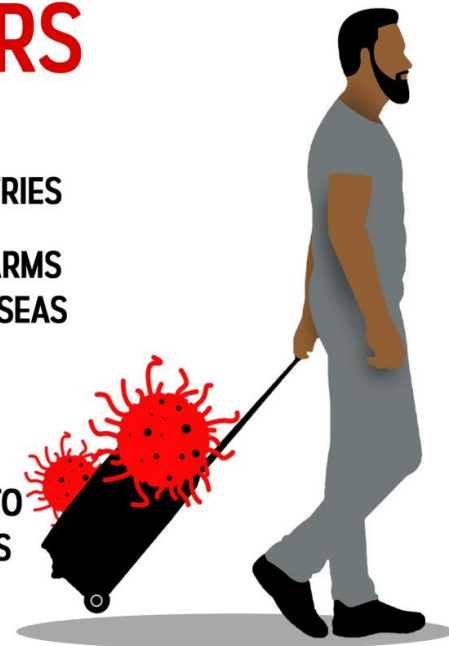
KEEP VANUATU FREE FROM

**AFRICAN SWINE FEVER
ASF**



TRAVELLERS

- ✗ **NO PIG MEAT FROM ASF-AFFECTED COUNTRIES**
- ✓ **AVOID VISITING PIG FARMS OR MEATWORKS OVERSEAS**
- ✓ **DECLARE ANY MEAT PRODUCTS ON ENTRY**
- ✓ **DECLARE ANY VISITS TO FARMS OR MEATWORKS**



Other materials
all to the public
are in Bislama
Language!

**Acknowledgment:
PHAMAPLUS
(Australian Aid)**

Versions available in:

- **BISLAMA**
- **FRENCH**
- **CHINESE**

Train the Trainers!



ASF UPDATES



PPE Demonstration

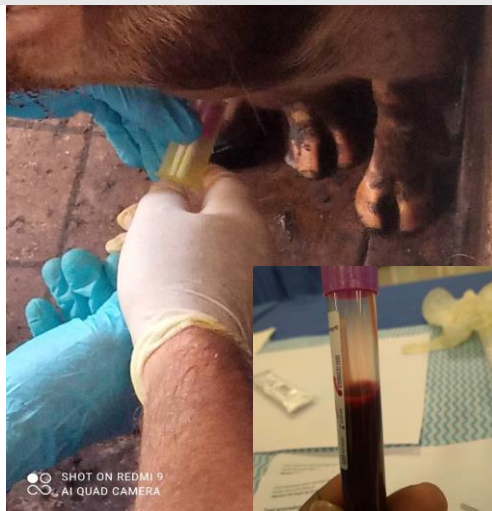


Demonstration (Normal Organs)



Good Biosecurity Farm Practices

Blood Sample Collection



MALFFB Extension Officers

Awareness

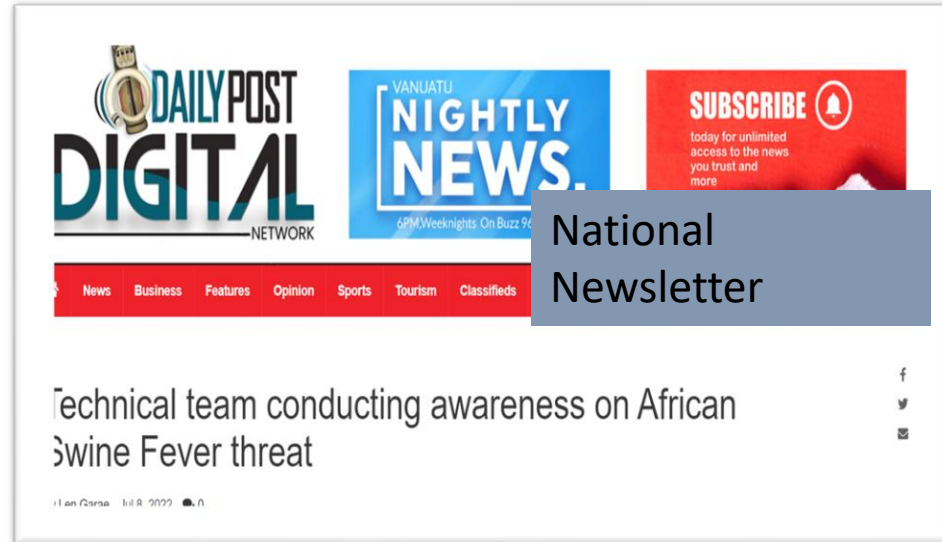


Community Awareness

National Events



More Awareness



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Technical team conducting awareness on African Swine Fever threat

1 Jan 2022

(ASF) is still threatening our livelihood. Although the ASF virus does not pose a hazard to humans, it is a highly contagious and deadly pig disease that has caused significant economic and considerable trade disruptions. Smallholder pig farms or backyard producers are thought to be the most at risk. ... [See more](#)

Short ASF Video



YOUTUBE.COM
Biosecurity is key to stop African Swine Fever - Be a Champion Farmer!
<http://www.fao.org/aq/againfo/programmes/en/empres/ASF/index.html>While th...



Biosecurity Vanuatu Department
Government organization

Press Conference

“Preparedness is the Key part of an effective emergency response”

Key Message

- Report any dead pig to a livestock or Biosecurity Officer
- Do not smuggle meat into country!
- Respect the law which carries heavy fines for culprit(s)
- Emphasis on limited resources for testing and eradication expense if there is an outbreak
- Encourage good Farm biosecurity either small or large scale farms
- Report any incident when in doubt
- Test EDRP for animal disease incident
- ASF is a contagious Food Security Issue!



Key Messages

Prevent

- Import policies to minimize trade in pork products with ASF-affected countries/zones
- Strengthen border security systems to detect & manage prohibited meat products at the border
- Strengthen farm and community biosecurity (infrastructure and regular community awareness)

Detect

- Conduct regular surveillance and community awareness activities for early detection

Respond

- Timely response to identify infected farms and villages, eliminate infection and stop disease spread

Recover

- Maintain monitoring to verify infection has been eliminated

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ASF Preparedness Score Card

| TOPIC | SELF-ASSESSMENT | COMMENT |
|--|---|---|
| PREVENTION | | |
| Import policies to minimize trade risk |  | Primarily source pig meat from ASF-free countries, Australia & NZ. NZ has 3 rd party agreement with EU to allow sourcing from ASF-free zones (e.g. Poland) |
| Strengthen biosecurity systems to detect & manage prohibited meat products |  | Scanning equipment operating. Detector Dog still waiting. No incinerator in Luganville |
| Strengthen farm and community biosecurity (infrastructure & community awareness) |  | Awareness materials prepared. Some community awareness implemented. No progress on infrastructure. |
| DETECT | | |
| Conduct regular surveillance and community awareness activities |  | Some community awareness implemented. Rapid test kit training being done |
| RESPOND | | |
| Timely response to identify infected farms and villages |  | Rapid response training yet to be implemented . Transport availability? |
| RECOVER | | |
| Maintain monitoring to verify eradication |  | YET TO ASSESS |

Challenges!

- Geographical location
- Target Population
- Communication Skills
- Develop & Dissemination of Awareness Materials
- ASF RTK Antigen expires
- Trainings affected by COVID- restrictions

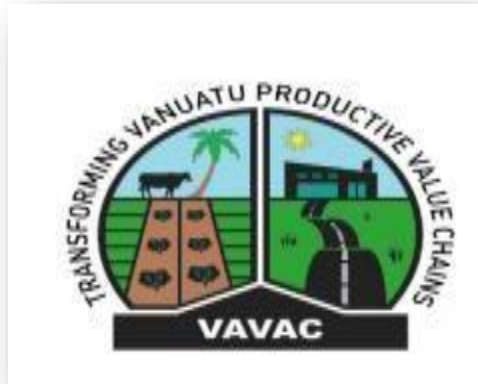


Way Forward

- Continue Awareness
- Continue Surveillance
- Finalize Prepared plan for ASF
- Initiate Simulation Exercise on EDRP
- Undergo External Trainings on ASF
- Conduct awareness on other exotic disease in Vanuatu
- Sourcing testing materials “LAMP”????




Acknowledge Partners!




[Improved communications addressed in Vanuatu Livestock Disease Emergency Response Plan](#)

[News, 10 May 2016](#)



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Tankio Tumas!

Appreciate your attention!

