Rift Valley Fever update

Sept, 1st 2021

Nimaya Mogga FAO SS
Rift Valley Fever (RVF) is a zoonotic disease (affect animals and humans) - Mosquitos play a key role in its transmission - The disease is characterized with abortions in cattle and sheep and goats - Causes Hemorrhagic fever in humans - Human infection through getting in contact with infected livestock products (fluid meat) and bite from Mosquitoes - South Sudan is endemic to RVF (especially eastern bank of the Nile river)
RVF Risk factors (flood dambos)
RVF Transmission cycle

Sylvatic cycle

Wildlife

Transovarial transmission

Aedes/Culex

Birds? Rats? Rodents?

Domestic cycle

Aedes/Culex

Transovarial transmission

Mosquitoes

Domestic animals

Human cycle

Mosquitoes

Zoonoses
RVF control activities

• Multi Agency Taskforce (One Health Approach)
• Early warning
• Awareness raising
• INVESTIGATION OF RUMOURS
• Vector control (sleep under mosquito net)
• Vaccination of livestock against RVF (currently not recommended in SS)
Current situation

• Following heavy rains and flood (increased surveillance advised)
  
  - Heavy flooding has been reported in Fangak, Akob, Ayod, Panyinjiar, Renk
  
  - One RVF rumour received from Fashoda - investigation underway
Ongoing RVF activities

- Ongoing coordination between FAO, OIE, WHO, partners and government (contingency plans)
- Result of test in South Africa on samples from Yirol was -ve
- Radio programmes on going
- Posters distribution on going
- Formation of the ‘One health flat form in South Sudan
- JRA conducted in May this year – RVF, Rabies and AMR identified as priority zoonotic diseases in SS.
- Training on join risk assessment operational tool (JRA –OT)
Conclusion recommendations

- Pay attention to any report of stormy abortions in ruminants
- Prepare sensitization messages
- Conduct sensitization and encourage stakeholders to report rumor any suspicious cases e.g. abortions in animals
- Remember that public health depends on livestock sector for early warning in RVF
- When the disease appears in Humans it has already affected animals
Thank You