Overview of the FMD situation in the Middle East

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Contents

• FMD distribution in ME

• Recent FMD outbreaks in ME

• FMD control and eradication in ME
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FMD distribution in ME

Reporting to OIE
20 countries of ME
Jan. 2014 to Oct. 2015

FMD reported: 13/20
Afghanistan, Egypt, Iran, Iraq, Libya, Oman, PAT, Qatar, Saudi Arabia, Somalia, Sudan, Turkey and UAE

FMD absent: 7/20
Bahrain, Cyprus, Djibouti, Jordan, Kuwait, Lebanon, Syria
FMD serotypes reported to OIE (01/01/14-12/10/15)

FMD-affected countries in the Middle East providing serotype information between 2005 and 2014, by semester (data based on reports received up to 12 October 2015), and frequency of serotypes notified (OIE/WAHID)

5 circulating serotypes

**Serotype O**: 11/13 countries
Afghanistan, Egypt, Iran, Iraq, Libya, Oman, PAT, Qatar, Sudan, Turkey, UAE

**Serotype A**: 6 countries
Afghanistan, Egypt, Iran, Iraq, Sudan & Turkey

**Serotype Asia 1**: 3 countries
Afghanistan, Iran & Turkey

**Serotype SAT 1**: Afghanistan

**Serotype SAT 2**: Egypt
FMD pools in ME

Pool 3

North Africa, Middle East & Central Asia

Main serotypes O, A, Asia 1
Potential Sources of FMDV strains in ME

from West Eurasia (Pool 3) and East Africa (Pool 4), West-Central Africa (Pool 5) and from South Asia (Pool2 to parts of the Arabian Gulf)

Type O, Type A, Type Asia-1, Type SAT2
FMD distribution in ME (Pool 3)
Contents

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Recent FMD outbreaks in ME
(Source OIE/WAHID)

2nd semester 2015

Turkey (Sept 2015)
Saudi Arabia (Sept 2015)
Israël (Nov. 2015)
FMD in Saudi Arabia

Start: 13/09/2015
Confirmed: 16/10/2015

Izdahair District, Riyadh

FMD in 2 cattle / 93 cattle+ 30 sheep
Serotype A (# FMDV A/India)
Last FMDV A in 2011 (No genotyping).

Quarantine, zoning, no treatment of affected animals,
vaccination of 45 000 sheep & cattle

Resolved: 07/10/2015
FMD in Turkey

Start: 29/09/2015
Confirmed: 05/10/2015

AMASYA  Cattle  789
BITLIS   Cattle  460

Serotype A

Quarantine, zoning, no treatment of affected animals, vaccination of all animals

Continuing
FMD in Israël

Start: 13/11/2015
Confirmed: 21/11/2015

2 300 pigs / 172 clinical signs (1 lot sows & piglets) / 120 deaths (piglets)

Serotype pending

Quarantine, zoning, no treatment of affected animals,

vaccination of all animals (Trivalent vaccine A, O, Asia 1)

Continuing
• FMD distribution in ME

• Recent FMD outbreaks in ME

• FMD control and eradication in ME
2011: One Framework – from endemic to free without vaccination. *In achievable Stages.*

**Getting started:**
- Policy
- Strategy
- Implementation
- Monitoring
- Evaluation

**Stage 3:** *option to apply for OIE endorsed National FMD Control programme*

**Stage 5:** OIE recognition and endorsement options
OIE FMD official status in ME
(May 2015)
FAO-OIE GF-TADS PCP in ME

GF TADS Steering Committee for ME (Since 2006)
FMD= priority disease

Regional GF TADS action Plan (2012-16)

Regular regional FMD PCP meetings:
• share info on FMD viruses’ circulation within ME,
• review the progress of each country along the FMD Regional Roadmaps,
• control activities in line with the recommendations of the previous consultative meeting.
Stage 1

1. Value chain analysis
2. FMD distribution & hypothesis
3. Socio-economic impact
4. Circulating strains
5. Enabling Environment
6. Commitment to regional approach
7. Identification of "Hotspots"
8. Strategic FMD control plan

Plan to study epidemiology and socio-economics

Percentage achievement

- % recommended
- % required
FMD PCP situation progress in ME

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6th RSC ME meeting + & FMD roadmap meeting for ME (Doha, Qatar 1 – 3 December 2015)

OIE/FAO GF TADS consultative meeting on FMD situation progress (Amman, Jordan, 2-4 March 2014)

Stage 1 (pending): Yemen
Stage 1: ATP, Saudi Arabia
Stage 2 (pending): Egypt, Irak, Jordan, Lebanon, Oman, Syria
Stage 2: Bahraïn, UAE
Stage 3: Kuwait, Qatar
Conclusion

• **5 FMDV serotypes** circulate in ME (O, A, Asia1, SAT-2 & SAT 1) which is under the risk of incursion of new serotypes from virus pools 2, 4 and 5.

• ME countries are at **different stages of managing FMD** which reflects proper socio-economic and livestock sectors development.

• ME countries have engaged a GF TADs PCP stepwise approach for the control and eradication of FMD in the region, in line with the Global Strategy.

• **Impact of the regional crisis** in ME?
Thank you for your attention!