

Arab Republic of Egypt.

Ministry of Agriculture and Land Reclamation.

General Organization for Veterinary Services



Epidemic situation of FMD in Egypt & measures that have been taken for control since Jan 2013

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Epidemic situation of FMD in Egypt

Total number of notification through passive surveillance from Jan – May 2013

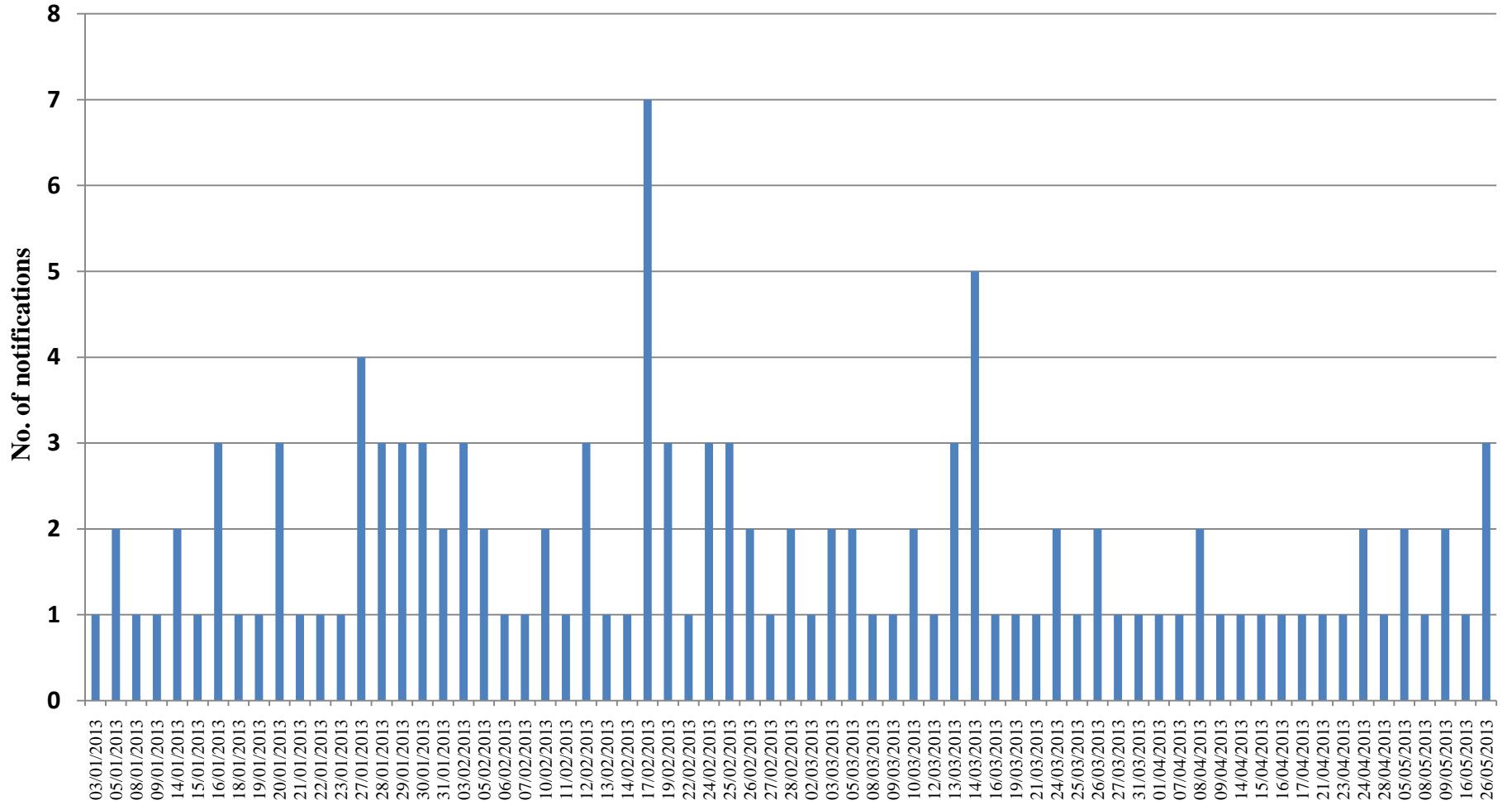
Total number of notifiable foci	Total number of confirmed foci	Total number of + ve foci with NSP	Total number of – ve foci	pending
80	(32) were A	15	23	10

The total numbers of notified villages from Jan. to May 2013 for the 1st notification

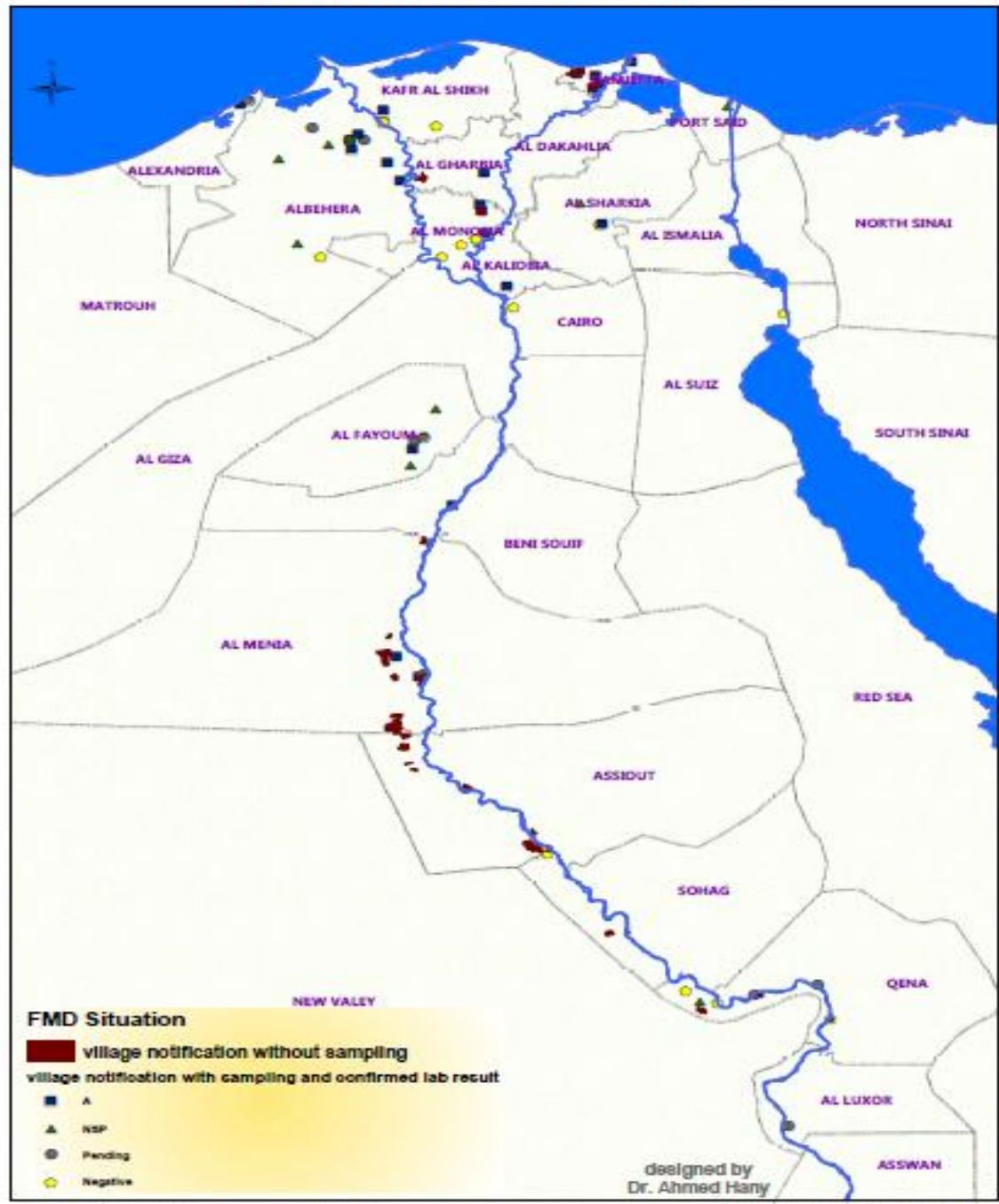
- January 2013 23 villages.
- February 2013 21 villages.
- March 2013 19 villages.
- April 2013..... 08 villages.
- May 2013..... 02 villages

total number of Egypt villages
5632 village.

No. of notifications



FMD Egypt situation in first quarter 2013



Epidemiology Department

central Administration for preventive medicine

All notified villages took the following measures for control :

- **Quarantine measure** has been taken for 1st household or farm for 21 days from the last cured case in parallel with sampling
- **Sanitary measures**
- **Symptomatic treatments**
- **Local Vet. Office follow up this focus** and report to directorate Vet. Office then to central administration at GOVS.
- **Application of ring vaccination** for 2 Km radius around the Focus.

Active surveillance started at 2/12/2012 and ended at 14/2/2013.

Objective:

Was implemented in 17 governorates to detect the dominant circulating sero-types combined with sero-surveillance for NSP to determine the prevalence of disease nationwide for cattle and buffalo.

Results:

- Out of 970 samples were (361 positive NSP and 606 negative) the prevalence was 37.53% between large ruminants .
- For serotypes :2 SAT2 + 1 A isolates from clinical cases

Table 1: the total number of samples tested seropositive to FMD-NSP antibodies in cow and buffalos distributed by the governorates

Governorates	Positive %
Kaluobia	72%
Dakhalia	70%
Ghrbia	50%
Giza	50%
Suiss	47.5%
The red sea	45%
Bani swief	43%
Sharkia	43.33%
Behaira	38%
Kafer- Elshikh	36.67%
luxor	30%
Menia	27.17%
Matrouh	12.5%
Aswan	12%
Sohage	8.57%
North sinai	0%
The new valley	0%
Grand Total	27.52%

REGIONS	Positive	Positive %
Delta	287	49%
central	45	35%
Eastern	9	18%
Upper	18	13%
Western	5	8%

Table 2
percentage of positive samples per regions

Species	Positive	Positive %
Buffalo	113	50%
Cow	250	34%
Grand Total	364	37.53%

Table 3
percentage of positive samples in cattle and buffaloes

Vaccine manage according to our resources

- GOVS contracted for 5000000 doses of the locally manufactured trivalent vaccine .
- We have already received till April 2013 [4300000 million doses]

priorities :-

- Coverage of borders governorates.
- Coverage of dairy sector.
- Coverage of young animals from 4 months till one year.
- Ring vaccination .

At August 2012

GOVS contracted with MERIAL company

for SAT1 and Asian 1 half million doses of each

for emergency vaccination in case of entrance of any.

An ancient Egyptian wall painting depicting a scene. On the left, a man in a white kilt and a woman in a white dress stand together. The man holds a long staff. In the center, another man in a white kilt is shown in profile, holding a staff or a similar object. To the right, a large spotted cow with long, curved horns stands facing right. The background is a light yellowish-brown color. The scene is set within a room, as indicated by the architectural lines and hieroglyphs on the wall. The bottom portion of the image shows a row of stylized trees with green foliage and brown trunks.

**THANKS FOR YOUR
ATTENTION**