



HELLENIC REPUBLIC  
MINISTRY OF AGRICULTURE  
DIR.GENERAL OF VETERINARY SERVICES  
ANIMAL HEALTH DIRECTORATE  
SECTION OF INFECTIOUS DISEASES,  
EPIDEMIOLOGY & DOCUMENTATION

Address : 2 Acharnon Str.  
101 76 Athens, Greece  
Telephone : 0030-1-88 35 420 / 88 36 420  
Fax : 0030-1-82 52 614 / 82 29 188  
Telex : 22 17 38 YDAG.GR  
E-mail : [vetserv@ath.forthnet.gr](mailto:vetserv@ath.forthnet.gr)  
Web Site : <http://www.minaagric.gr/greek/2.3.1.html>

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7<sup>th</sup> FOLLOW-UP REPORT (\*)

ON THE ERADICATION OF FOOT-AND-MOUTH DISEASE IN GREECE

(Situation as at 4<sup>th</sup> November 2000)

1. INTRODUCTION

Between 10<sup>th</sup> July and 10<sup>th</sup> September 2000, fourteen (14) outbreaks of FMD - serotype Asia 1 - were reported in North-Eastern Greece, out of which twelve (12) were reported in the Prefecture of Evros and two (2) in the Prefecture of Xanthi.

Reports on the incursion and evolution of FMD have been released regularly by, and are available at the web site of, the National Crisis Centre.

The specific purpose of the present report, however, is to present the definitive results of a serological surveillance carried out in the months of September and October 2000 around outbreaks of FMD with a view to prove eradication of the disease and support the request for repealing entirely Commission Decision 2000/486/EC.

(\*) Prepared for and presented at the Standing Veterinary Committee on 07-08 November 2000

## 2. ERADICATION OF FMD

Eradication of FMD was achieved by applying a stamping out/ non vaccination policy and proved by a serological investigation in affected areas designed and executed as described below.

### 2.1 Objective

To detect and destroy all seropositive animals around known sources of FMDV, so as :

- ✓ To eliminate any risk of residual infection from carrier animals, and
- ✓ To preclude any interference with future serological monitoring and screening schemes.

Successful completion of the scheme signifies eradication of FMD and leads to lifting of all restrictions and restocking of depopulated premises.

### 2.2 Modalities

In the absence of any legal provisions or technical guidelines for serological surveillance, the following scheme was proposed by the Greek Authorities :

#### a) In Protection Zones :

- o Uniform geographical distribution of samples (100 % of villages)
- o No among-flock discrimination (100 % of flocks)
- o Random within-flock sampling (10 % of animals present, min. 15 samples / flock)

\*NOTE : This scheme more than satisfies the statistical criterion for detecting 5% prevalence with 95% level of confidence.

#### b) In Surveillance Zones :

- o Uniform geographical distribution of samples (100 % of villages)
- o Random among-flock selection (20 % of flocks in every village)
- o Random within-flock sampling (10 % of animals present, min. 15 animals / flock)

In all cases serological investigation commenced after 21 days had elapsed since the last recorded outbreak in the respective area.

In case of inconclusive results, the individual animals were re-sampled after 14 days.

In case of positive results, all animals present in the flock were sampled. No serological screening in bovines and pigs was envisaged. All sampled animals were individually identified by ear tags.

### 2.3 Final results of serological surveillance

Final results of serological investigation in protection and surveillance zones around outbreaks of FMD are presented in Table 1.

Serial No. & Location of Outbreak Cluster	Serological Forecasted Samples	Surveillance Tested Samples (total/positive)
00/09 - Potamia, Xanthi	339pz + 370sz = 709	749 / 0 = completed
00/12 - Selino, Xanthi	167pz + 211sz = 378	382 / 0 = completed
Surveillance Zone of 00/09 and 00/12 inside Rodopi		280 / 0 = completed
00/01 - Evros Delta	126pz + 70sz = 196	210 / 0 = completed
00/04 - Ferres, Evros	696pz + 277sz = 973	975 / 0 = completed
00/05 - Peplos, Evros	470pz + 203sz = 673	680 / 0 = completed
00/11 - Mandra, Evros	96pz + 210sz = 306	310 / 0 = completed
00/13 - Asimenio, Evros	377pz + 130sz = 507	521 / 0 = completed
00/14 - Didim/cho, Evros	144pz + 268sz = 412	440 / 0 = completed
<b>TOTAL</b>	<b>4.154</b>	<b>4.547 / 0</b>

Table 1 : Final results of serological investigation for FMD

On the basis of results presented in Table 1 :

- ⇒ Eradication of FMD in Evros and Xanthi has been achieved and fully documented.
- ⇒ Prevention of spreading of FMD in Rodopi, throughout the epizootic, has also been documented.