



NATIONAL SANITARY VETERINARY AND FOOD SAFETY
AUTHORITY

Classical Swine Fever in Romania
SCFCAH Animal Health and Welfare
Meeting, Bruxelles
5-th of March 2007





SUMMARY

- CSF outbreaks in Romania – 2 March 2007
- Stage of vaccination
- Activities undertaken by NSVFSA in view of vaccination against CSF
- Surveillance – results of vaccination with live attenuated vaccine
- Surveillance in wild boars





CSF situation in Romania 2 March 2007

- Total outbreaks of CSF in 2007: 119
In 68 localities
- Diagnosis on dead pigs:
- FAT: 69
- FAT + PCR: 10
- FAT + IPT with MAb: 38
- FAT + Virus Isolation: 2
- Active outbreaks: 109
- No. of animals affected: 1470
- No. of dead animals: 299
- No. of culled animals: 1171
- No. of County affected: 16
- Wild boar affected: 1





Stage of vaccination 2 March 2007 (1)

Live attenuated vaccine

domestic pigs – non professional

December 2006:

965.267 pigs

1.005.668 doses

535.704 backyards

February – March 2007

233.466 pigs

239.055 doses

71.415 backyards

TOTAL 2006 - 2007

1.198.733 pigs

1.244.723 doses

607.119 backyards

2.601.267 still unvaccinated



Stage of vaccination 2 March 2007 (2)

Marker vaccine

domestic pigs – professional

Total pigs in professional holdings 1.379.174

December 2006 – March 2007:

750.607 pigs

751.803 doses

140 holdings included in vaccination programme

105 holdings slaughtered **140.346** vaccinated pigs in

118 slaughterhouses



Activities undertaken by NSVFSA in view of vaccination against CSF (1)

Management and distribution in the field the entire quantity of vaccines (marker and live attenuated) received from the European Commission;

Organization of the auctions for the acquisition of:

3.870.000 doses of live attenuated conventional vaccine

3.200.000 doses baits for wild boars

5.000.000 syringes and needles

2.850 tattoo equipments for adults and 2.850 for piglets;

Tests in the field for the immunogenenity quality of the live conventional attenuated vaccine;

Provided instructions concerning the use of vaccines and of the stamp bags;





Activities undertaken by NSVFSA in view of vaccination against CSF (2)

Bilateral working plan between Romania and the Netherlands

In the Romanian veterinary organisation the Task Force for animal disease control is foreseen and also the legal base is available. (Some Conclusions and Recommendations)

- a. For two subjects, the creation of the Task Force and improving the monitoring system for CSF, the writing of a project plan is discussed more in detail with the project team.
- b. Additional support for the project team is needed to enable this team to get availability of the necessary experience.
- c. Because of the limited experience of the project team the involvement of Dutch experts should be concentrated on subjects directly related to the eradication of CSF.
- d. To identify with the steering committee, based on the bilateral working program, a realistic and concrete goal within the eradication of CSF.





Activities undertaken by NSVFSA in view of vaccination against CSF (3)

Cooperation with Commission and CRL

Conclusions of the meeting of 7 Feb 2007:

1. Intervet will in agreement with the Romanian authorities and the CRL elaborate a proposal for a field research project on the vaccination with marker vaccine. The project should be fully transparent and the results should benefit all parties involved.
2. Intervet will provide a clear update of the expected production of the marker vaccine for the EU bank and the possible delivery dates.
3. The CRL will assist the Romanian authorities for the training of laboratory technicians and for the reporting and the analysis of surveillance results.
4. The Romanian authorities will prepare a full report on the emergency vaccinations and the surveillance results in preparation of the next SCFCAH.
5. The Romanian authorities will undertake urgently all necessary steps, including the creation of an expert group, to carry out the surveillance measures.
6. Technical coordination meetings when necessary will be organized by the Commission with the CRL and the Romanian authorities and with Intervet if appropriate.
7. All parties concerned will inform each other by exchange of e-mail messages





The surveillance of the immune status after vaccination

Live attenuated vaccine

- Preliminary data
1002 samples from 9 counties at 21 days after the end of vaccination with conventional live attenuated vaccine received from E.U.
- 92% ELISA Immunity positive response

Marker vaccine

A new kit IDEXX- Chekit Marker CSF ELISA is now tested for registration in Romania. The preliminary reports on testing are positive. The final report shall be presented in few days and the vaccinated pigs will be tested accordingly with the programme.





Surveillance in wild boars

- Surveillance of classical swine fever in wild boar was made in the framework of vaccination campaign according with “Program of Disease’s surveillance, prevention and control action, of those transmissible from animals to human, animal welfare and environment protection for 2007”
- **In campaign 2005-2006 were hunted and tested 10.482 wild boars**
 - 17 virological positive cases in adult boars in 8 counties
 - 8 virological positive cases in young wild boars in 3 counties.
 - 251 serologic positive cases in adult wild boars in 13 counties - 39 serological positive in young wild boars.
- **In campaign 2006-2007 were hunted and tested 7.195 wild boars**
 - 11 virological positive case.
 - 254 serologic positive cases.





THE MODEL OF THE HEALTH/IDENTIFICATION MARK (Dec. 779/2006)

The model of health/identification mark which applies to the fresh pork meat and of derived products originated from vaccinated pigs obtained in approved units for intra-community exchanges (MARK IN COURSE OF MODIFICATION – DRAFT PROJECT) (779/2006)





Thank you for your attention!

