



NATIONAL SANITARY VETERINARY AND FOOD SAFETY AUTHORITY OF ROMANIA

Classical Swine Fever in Romania

updating report

SCFCAH, 11-12-th of April

Brussels

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Present situation of CSF in Romania

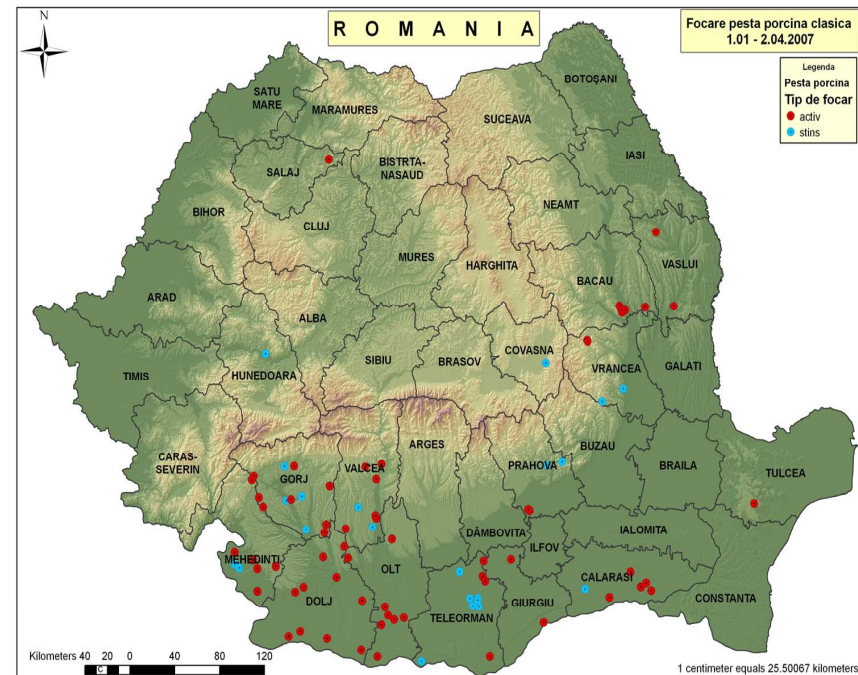
- The situation of CSF in Romania seems to be improved; so far the number of outbreaks is moderate, comparing with the situation of the previous years;
- Outbreaks appeared so far only in backyard premises; any professional holding have been affected up to now;
- There are 147 outbreaks declared from the begging of the year, from which 87 are still active;
- There were 1826 affected animals: 410 dead, and 1416 killed when applied control measures;
- The main number of outbreaks are located in the South and the East of the country, in Muntenia and Moldova regions;
- In the last two weeks, any new case appeared.

No. of outbreaks	March 2007	March 2006
Total outbreaks	147	273
Active outbreaks	87	161
Dead pigs	410	517
Culled pigs	1416	1186
Total affected pigs	1826	1703
Localities affected	81	166
Counties affected	18	29
Wild boars affected	12	3

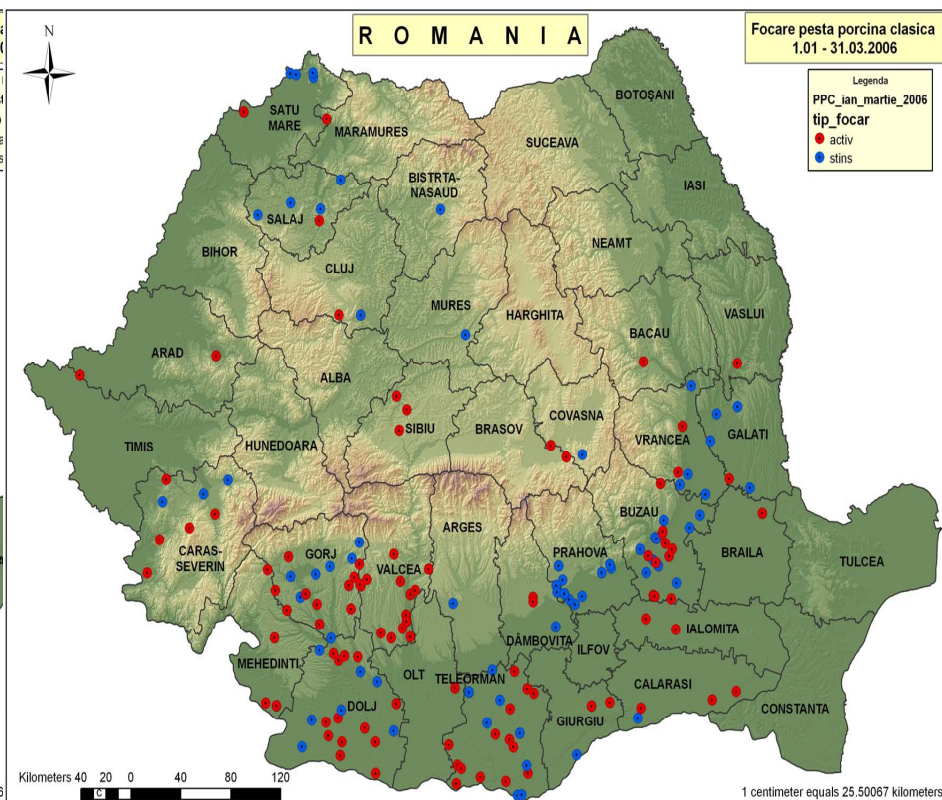
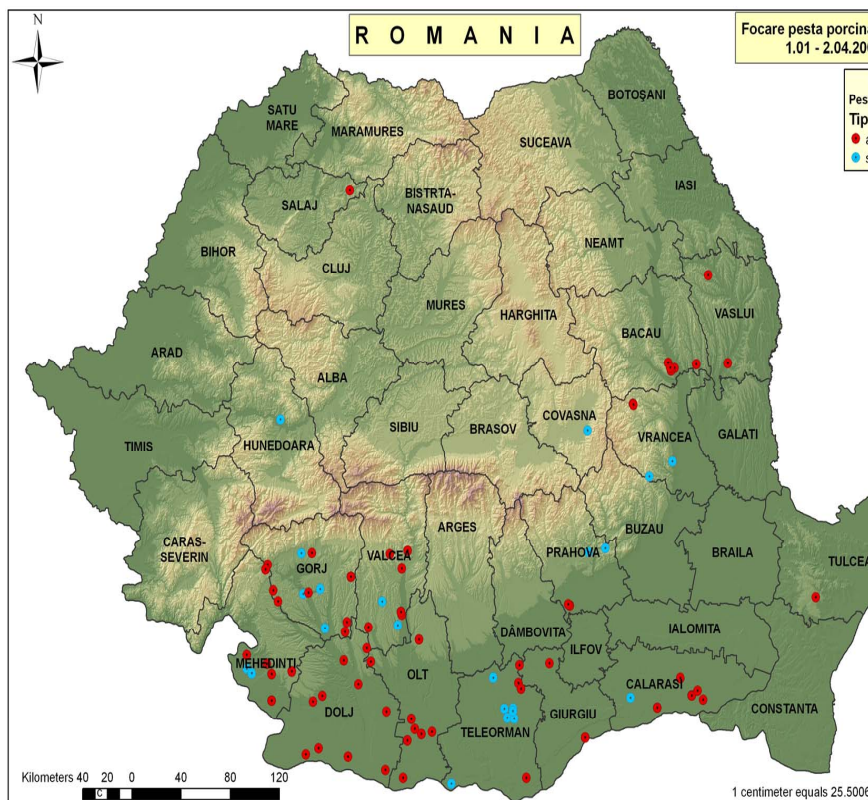


The most affected counties in the first quarter of 2007

- So far, the most affected counties are:
- Gorj and Mehedinti Counties: each one with 22 outbreaks;
- Dolj County: 19 outbreaks;
- Teleorman County: 18 outbreaks;
- Olt County: 16 outbreaks;
- Valcea County: 12 outbreaks;
- Calarasi County: 11 outbreaks.
- All of them are in the neighboring areas, in Muntenia Region; the great number of outbreaks could be due to the problems appeared in the acquisition of vaccines during January 2007, but also to the high viral charge in this area.



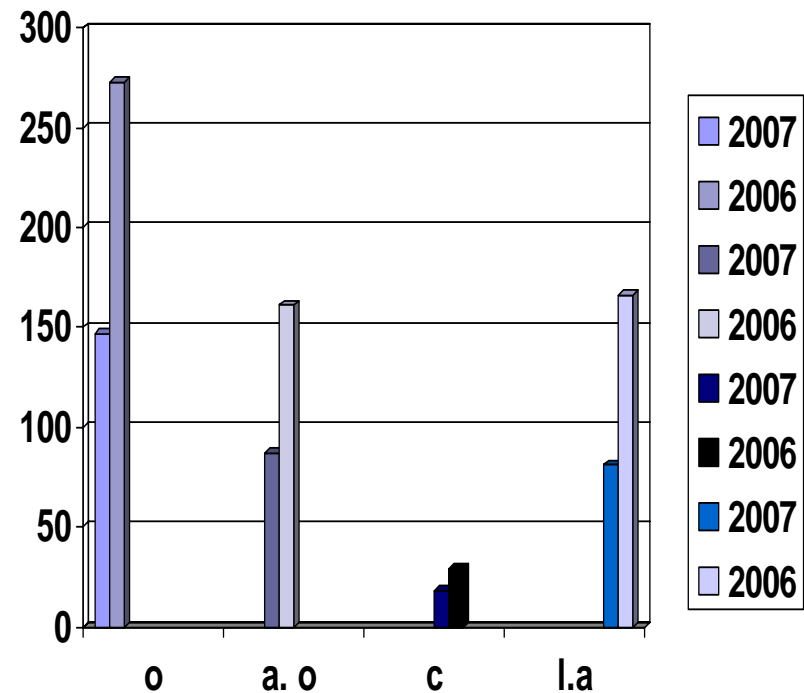
The comparative situation of CSF in 2007 and 2006





The comparative situation of CSF in 2007 and 2006

- Legend:
- o: outbreaks
- a.o: active outbreaks
- c: counties affected
- l.a: localities affected
- Comparing with the same period of the year 2006:
- the total number of outbreaks is reduced almost at a half
- the repartition of the outbreaks is mostly merged in the S-E of the country
- the number of affected counties is smaller
- the number of active outbreaks is reduced at a half, as the number of affected localities.





Possible explanations of the progresses obtained in the combating the disease

- The introduction of the emergency vaccination, beginning with 20-th of December 2006, and good results of this action; the immunization actions reduced the viral pressure and spreading of the disease;
- A better organizing of the combating of the disease at the local level of veterinary services;
- A better movement control of the pigs, since the G.O. 1700/2006 entered into force, organizing, beside the eradication measures, the pig breeding system; the measures concerning the owning of pigs in backyards became limitative, and the number of pigs gets smaller;
- The natural barriers (mountains) which stopped the spreading of the disease.



The situation concerning the vaccination with live attenuated vaccine in the non-professional holdings

- Have been vaccinated all pigs elder than 60 days elder, new introduced in holdings, and the piglets came from the vaccinated sows, elderly than 8-9 weeks of age.
- Vaccination was made with live attenuated conventional vaccine, as provided in Commission Decision no. 802/2006/CE.
- The total number of pigs in non-professional holdings are of 4 801 855 heads.

Crt . no	Region	No. of holdings	Total no. of pigs	Total no. of vaccinated pigs	Total no. of utilized doses	Total no. of doses on stock
1	Muntenia	688 373	2 150 000	1 261 748	1 312 990	744 920
2	Moldova	310 357	698 062	474 855	490 315	211 765
3	Dobrogea	24 579	153 103	110 699	112 366	75 584
4	Transilvania	335 099	1 800 690	991 578	1 010 781	642 584
	Total	1 358 408	4 801 855	2 838 880	2 926 452	1 674 853



The situation concerning the vaccination with marker vaccine in the professional holdings

Total pigs in professional holdings are of 1 593 625 heads.

Crt. no.	Region	No. of commercial holdings with pigs	Total no. of pigs	Total no. of vaccinated pigs	Total no. of utilized doses of vaccine	Total no. of vaccine doses on stock
1	Muntenia	59	603 589	640 004	692 877	643 773
2	Moldova	16	120 813	88 803	92 080	93 070
3	Dobrogea	9	145 822	122 854	187 167	137 333
4	Transilvania	67	723 401	308 150	331 290	207 360
	Total	151	1 593 625	1 159 811	1 303 414	1 081 536



The testing of post-vaccine immune status in the non-professional and professional holdings

- The sampling have been made throughout the territory; the small number of samples in the professional holdings is due to the fact that the acquisition of the kits for testing of samples delays. The samples have been harvested, accordingly with the Commission Decision 802/2006/CE, and follow to be tested through DIVA strategies.
- The testing was made through biochemical technique ELISA, the immune positive response being of 81% for vaccination with live attenuated vaccine. We don't have yet data to appreciate the immunogenic effect of the marker vaccine.

Region	Non-professional holdings				Professional holdings			
	sampled	positive	negative	under work	sampled	positive	negative	under work
Whole territory	17326	13989	2063	0	364	-	-	-
Total	17326	13989	2063	0	364	-	-	-



The situation of slaughtered pigs

No. of holdings which sent pigs to slaughterhouses	No. of slaughterhouses which slaughtered pigs	Total no. of slaughtered pigs since January 2007
103	120	208 085



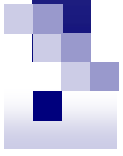
CSF in wild boars

- Surveillance of classical swine fever in wild boar was made in the framework of vaccination campaign accordingly 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 2005-2006 campaigns were hunted and tested 10.482 wild boars; the results of the testing were:
 - 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 2006-2007 campaign were hunted and tested 7.195 wild boars; the results of the testing were:
 - 11 virological positive cases
 - 254 serologic positive cases



Miscellaneous

- Checks of the vaccination actions have been performed in the territory by the inspectors of the Directorate for Inspections, and penalties were applied to veterinarians which did not respect the technique of vaccination and sampling. Also, they have been subjected to the discussions of the College of the Veterinarian Surgeons.
- Because of the lack of trained epidemiologists, so far, cannot be well identified the primary outbreaks there where more than one outbreak evolved.



Thank you for your attention!