

CLASSICAL SWINE FEVER

**outcome of the 2010 control &
eradication program in
Bulgaria**



SCoFAH, 08 -09.11.2011

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1. Control in domestic pigs

➤ Categorization of farms

- Industrial farms
- Family farms type A (bio-security in place)
- Family farms type B (poor bio-security)
- Backyards (poor bio-security)
- East-Balkan pigs (under special control program of veterinary service)



- Active surveillance of the pig holdings – clinical examination to detect clinical cases of CSF, using special checklists (IT database);
- Passive surveillance by blood sampling for detection of Ab;
- Movement control, connected with the IT database.

1. Control in domestic pigs in 2010

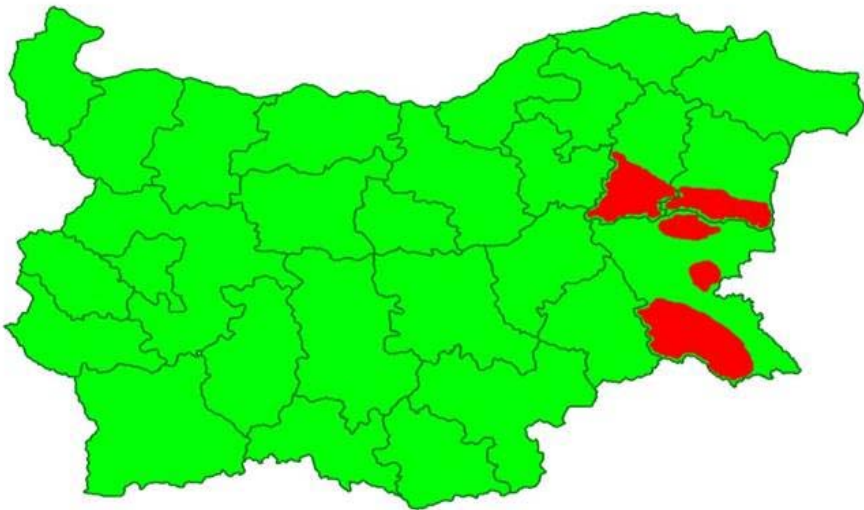
excluding East-Balkan pigs

	№ of farms	№ of pigs	№ of serological tests	№ of virological tests	№ of clinical examinations /check lists
Industrial farms	59	432952	6162	118	5377
Type A farms	104	26413	3181	151	2089
Type B farms	1680	38287	7889	10	10935
Back yards	48115	77152	69	0	57421
Total	49958	574804	17265	279	75822

No CSF outbreaks in 2010

1. Control in East Balkan pigs in 2010

	№ of herds	№ of pigs	№ of serological tests	№ of virological tests	№ of clinical examinations /check lists
East Balkan pigs	87	9195	3660	608	846



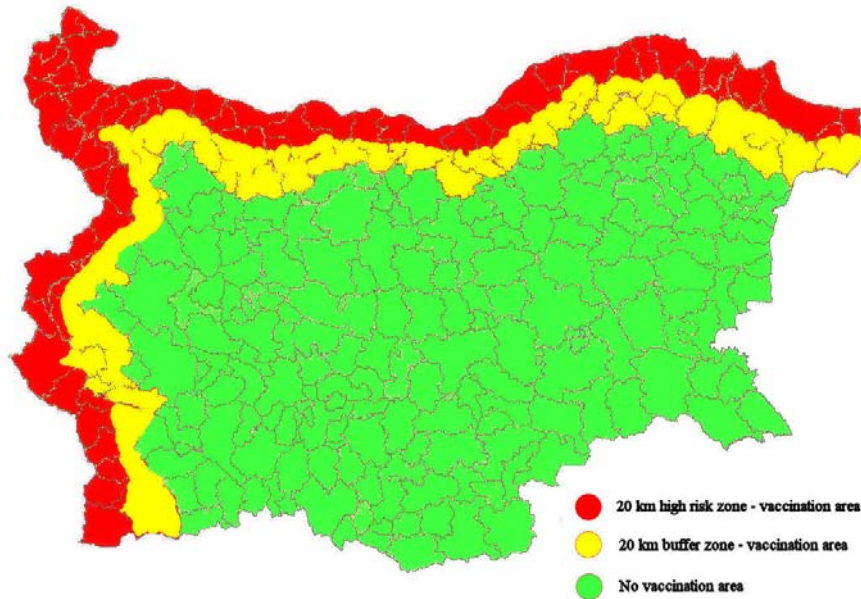
Map - Regions where EBPs are ranged



No CSF outbreaks in 2010

2. Vaccination in wild boar

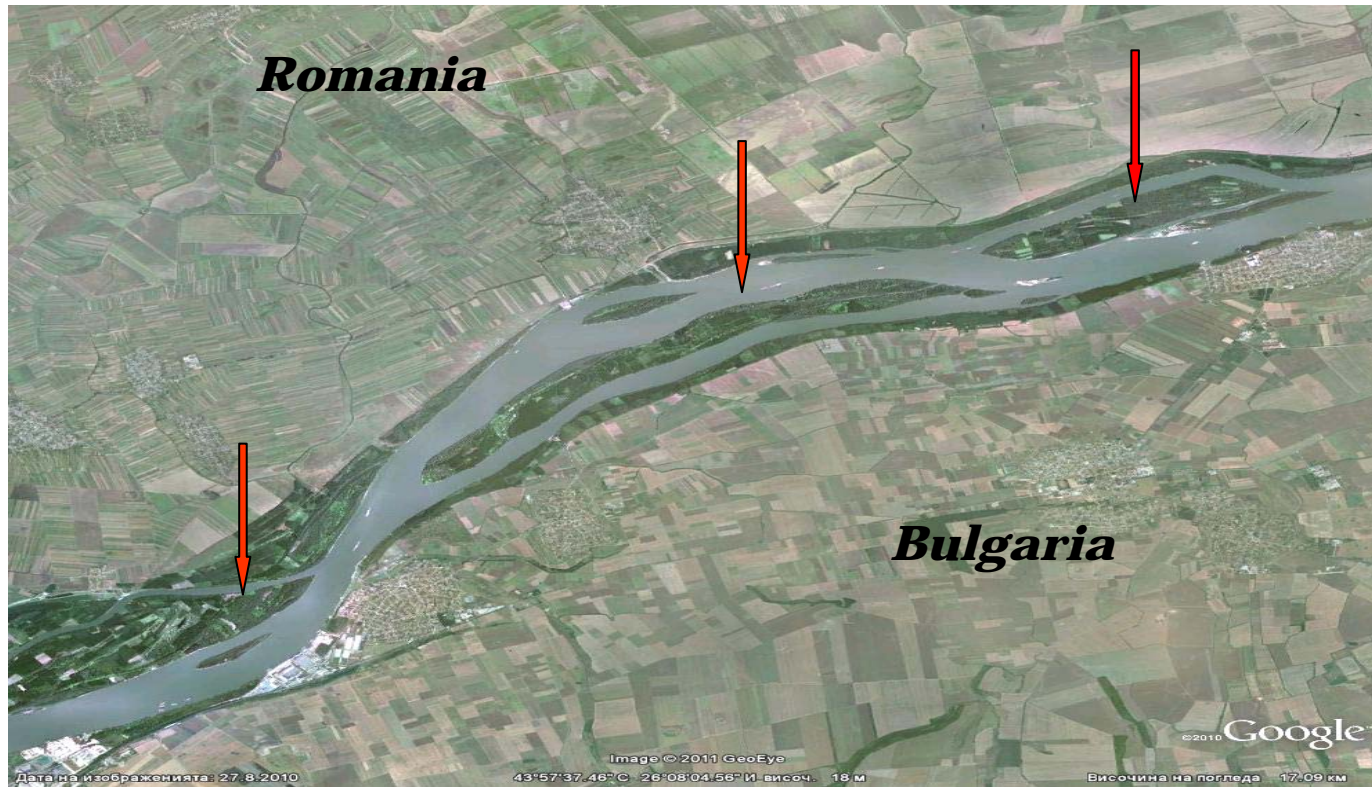
- 3 vaccination campaigns in wild boar with 2 bites distributions through 14 days, within 40 km zone along the west and north borders of the country.



Vaccination campaign	Nº of places with bites	Nº of distributed bites	Nº of not taken bites
I (April-May)	755	32426	296
II (August)	716	33670	200
III (20Nov-04Dec)	755	33884	152
Total		99 980	648 / 0.65%

ADDITIONAL MEASURES

Vaccination of islands on Danube River



№ of islands on Danube River with vaccination	№ of distributed bites	№ of bites not taken
31	3820	5

2. Control in wild boar in 2010.

Control of the immune status of the wild boar population



CATEGORY OF WILD BOAR / vaccination area /											
0-6 months of age			6-12 months of age			12-24 months of age			over 24 months of age		
Nº of shot & fallen wild boar	Ab%	PCR +	Nº of shot & fallen wild boar	Ab%	PCR +	Nº of shot & fallen wild boar	Ab%	PCR +	Nº of shot & fallen wild boar	Ab%	PCR +
119	10.08%	0	367	25.34%	0	415	36.39%	0	324	25.00%	0

CATEGORY OF WILD BOAR / non-vaccination area /											
0-6 months of age			6-12 months of age			12-24 months of age			over 24 months of age		
Nº of shot & fallen wild boar	Ab%	PCR +	Nº of shot & fallen wild boar	Ab%	PCR +	Nº of shot & fallen wild boar	Ab%	PCR +	Nº of shot & fallen wild boar	Ab%	PCR +
371	0	0	1165	0.17%	0	1066	0.19%	0	1166	0.34%	0

- 4 993 tested wild boar – 267 Ab positive
- 4 821 PCR tetst – no positive

Last CSF cases

2008 – 1 outbreak – 1 family farm type B (without bio-security measures) infected

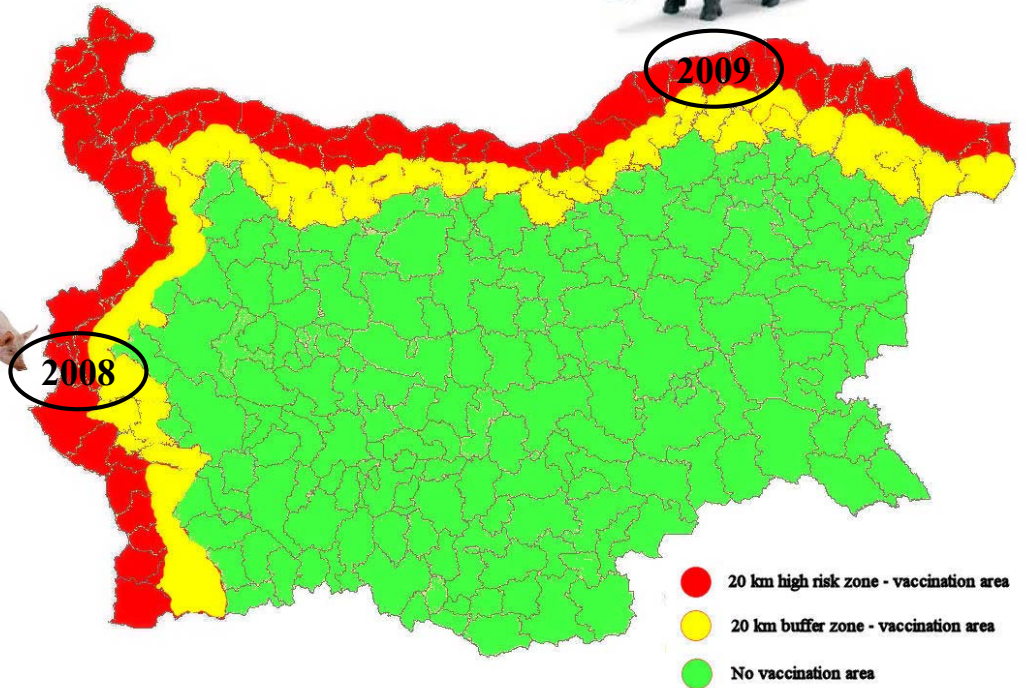


2008

2009 – 8 cases in wild boar / PCR+/ last case 27th Nov/ all positive younger than 6 months/



2009



A photograph of a forest stream with a wild boar standing on the bank. The scene is lush with green trees and foliage. The text "THANK YOU FOR THE ATTENTION!" is overlaid in the center in a bold, italicized, black font with a white outline.

***THANK YOU
FOR THE ATTENTION!***

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