



**Ministry of Agriculture and Forestry
National Veterinary Service**

CSF epidemiological situation in Bulgaria

as by 10.04.2007

SCoFCAH, Brussels 11-12.04.2007

A black and white photograph of a group of piglets in a dirt enclosure. The piglets are of various breeds, some with white faces and dark bodies, others with dark faces and bodies. They are standing on a dirt ground, and a tree trunk is visible on the right side of the frame. The text 'Table of contents:' is overlaid in the upper center of the image.

Table of contents:

I. Overview of CSF for 2007

II. Current situation

III. Implementation of the program for monitoring and eradication of CSF

I. Outbreak of CSF located in the town of Smyadovo, municipality of Smyadovo, administrative district of Shumen:

- Affected – East –Balkan pigs /free rearing/;
- Location (N 43° 10' 30"; E 26° 97' 76");
- Date of suspicion – 15.01.2007 ;
- Date of confirmation: 17.01.2007;

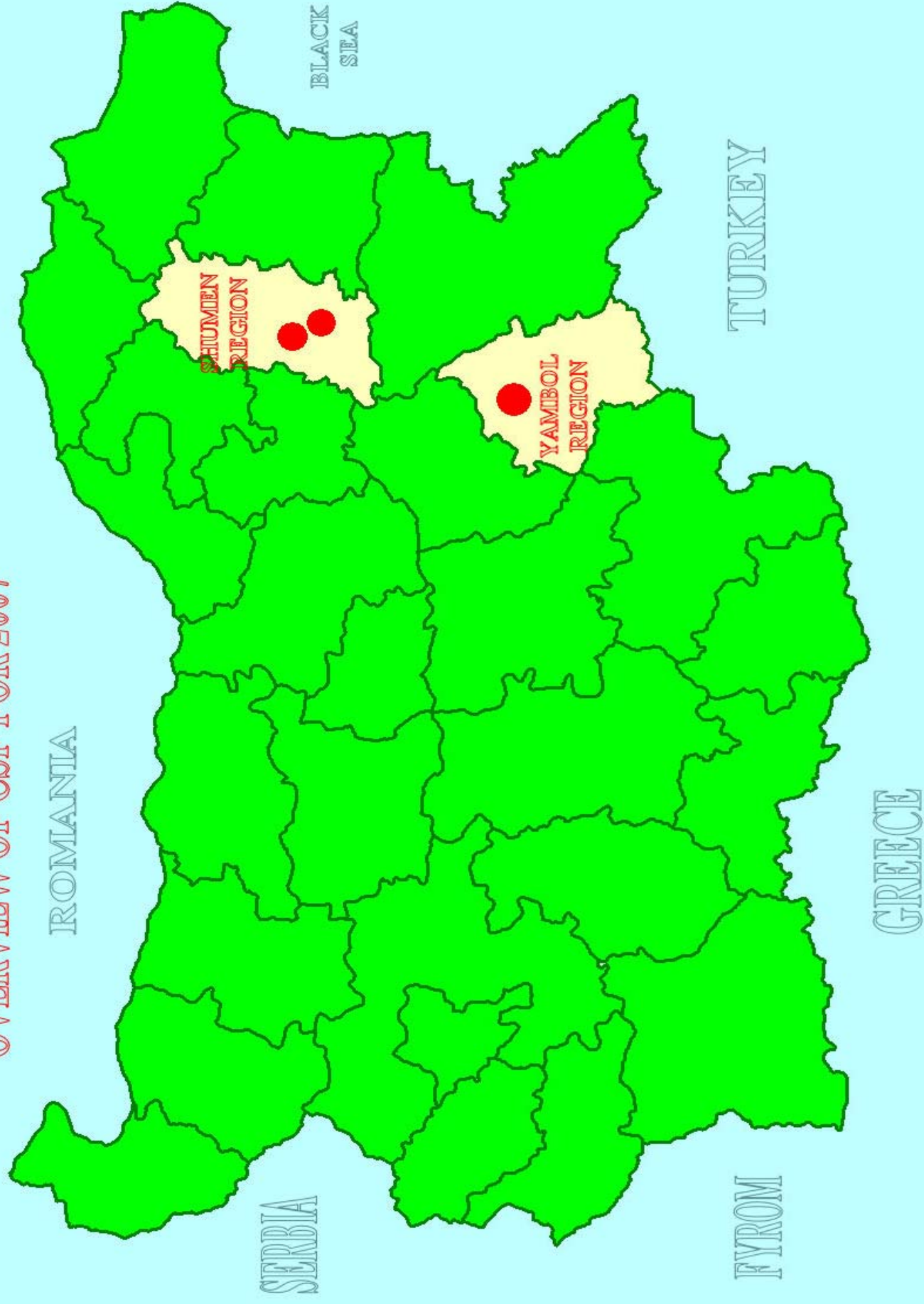
II. Outbreak of CSF in a farm near the town of Yambol, municipality of Tundja, administrative district of Yambol

- Location (N 42° 19' 87"; E 26° 35' 24");
- Affected: farm with 142 pigs / 9 sows, 3 boars, 86 fattening pigs, 44 growing/
- Date of suspicion – 22.02.2007 г. ;
- Date of confirmation: 23.02.2007 г.;

III. Reoccurrence of CSF in the village of Zlatar, municipality of Veliki Preslav, Administrative district of Shumen

- Affected – two herds of East –Balkan pigs /free rearing/;
- Location (N 43° 06' 25"; E 26° 57' 26");
- Date of suspicion – 28.03.2007 ;
- Date of confirmation: 01.03.2007;

OVERVIEW OF CSF FOR 2007





II. Current situation

- The current CSF epidemiological situation in Bulgaria is favorable.
- As by 10.04.2007 there are no signals for high morbidity and mortality in pigs on the territory of the country.
- As by 10.04.2007 from the 10 km surveillance zone round the outbreak of the village of Zlatar are tested 680 serological samples with negative result for CSF.

III. Implementation of the program for monitoring and eradication of CSF

Under the programme for control and eradication of CSF in the NRL of Bulgaria for the period 01.01.2007 – 06.04.2007 are tested:

<i>Category of pigs</i>	<i>Serological samples</i>	<i>Virological samples</i>
Domestic	15122/28	1921/9
East-Balkan	3648/130	476/78
Feral pigs	2959/107	1548/0
Total:	19065/265	3945/87

III. Implementation of the program for monitoring and eradication of CSF

Samples taken from Domestic pigs

	RVS	Blood samples serology	Organ samples virology
1	Blagoevgrad	1174	17
2	Burgas	589	0
3	Varna	1308	595
4	Veliko Tarnovo	1438	0
5	Vidin	699	4
6	Vratsa	336	319
7	Gabrovo	0	0
8	Dobrich	1373	88
9	Kurdjali	98	0
10	Kjustendil	294	103
11	Lovech	507	51
12	Montana	1976	220
13	Pazardjik	210	170
14	Pernik	52	0
15	Pleven	351	65
16	Plovdiv	193	4
17	Razgrad	0	0

III. Implementation of the program for monitoring and eradication of CSF

Samples from domestic pigs

18	Russe	203	0
19	Silistra	347	32
20	Sliven	1121	89
21	Smolyan	250	30
22	Sofia town	133	0
23	Sofia district	117	15
24	St Zagora	863	13
25	Turgovishte	307	0
26	Haskovo	93	0
27	Shumen	523	193/78 East-balkan pigs from outbreak
28	Yambol	686/28	522/9
	Total:	15 241/28	2 530/ 87 - 9- from Yambol outbreak and 78 from Shumen outbreak

III. Implementation of the program for monitoring and eradication of CSF

Samples from wild pigs

	RVS	Blood samples serology	Organ and blood samples virology
1	Blagoevgrad	0	63
2	Burgas	0	26
3	Varna	0	0
4	Tarnovo	84/61	102
5	Vidin	38/18	84
6	Vratsa	0	88
7	Gabrovo	39/13	69
8	Dobrich	0	46
9	Kurdjali	0	3
10	Kjustendil	15/3	101
11	Lovech	28/1	85
12	Montana	0	92
13	Pazardjik	21/0	46
14	Pernik	50/11	106
15	Pleven	0	0
16	Plovdiv	10/0	89
17	Razgrad	0	0

III. Implementation of the program for monitoring and eradication of CSF

Samples from wild pigs

18	Russe	10/0	29
19	Silistra	0	58
20	Sliven	0	40
21	Smolyan	0	36
22	Sofia town	0	6
23	Sofia district	0	45
24	St Zagora	0	110
25	Turgovishte	0	0
26	Haskovo	0	24
27	Shumen	0	145
28	Yambol	0	55
	Total:	295/107 -Abs after oral vaccination	1548

III. Implementation of the program for monitoring and eradication of CSF

- Blood samples from pigs are investigated for presence of antibodies by ELISA /Bommeli Chekit Sero and Bommeli Chekit Marker/.
- Positive for presence of antibodies against the virus of CSF are the samples which showed positive results in both tests /positive for presence of E2 and E rns antibodies/.
- There are 130 positive sera for presence of antibodies from East- Balkan pigs taken in the 10 km zone in district Smyadovo. All 130 samples were investigated with PCR with negative results.

A photograph of several piglets in a dirt enclosure. The piglets are of various colors, including dark brown, light brown, and white. They are standing on a dirt ground. The text "THANK YOU FOR THE ATTENTION!" is overlaid in the center of the image in a blue, serif font.

**THANK YOU
FOR THE ATTENTION!**