



# GOVERNMENT OF ROMANIA NATIONAL SANITARY VETERINARY AND FOOD SAFETY AUTHORITY

- **Newcastle disease situation in Romania**



# SUMMARY

1. General data regarding breeding poultry system in Romania.
2. Newcastle outbreak in Pojogeni village, Gorj county.
3. Disease origin.
4. Legislation regarding surveillance, diagnosis and control of the Newcastle disease

# General data regarding breeding poultry system in Romania

In Romania, poultry are breeding in commercial holdings (which comply with biosecurity conditions and they are sanitarily veterinarily authorised) and in noncommercial holdings (backyards does not fully comply with the biosecurity conditions)

In the third quarter of 2008, in Romania there were 67 553 608 poultry (29 510 704 poultry in commercial holdings and 38 042 904 in backyards).

Currently, there are 434 commercial holdings: 162 hen farms, 242 broiler farms, 5 ratite farms, 8 pheasant farms, 9 quail farms, 4 turkey farms and 4 duck and goose farms.



# Romanian Epidemiological situation regarding the Newcastle disease

In Romania, although Newcastle disease immunoprophylaxy is obligatorily, in 2008, this disease was confirmed in 7 backyard poultries, located in the next counties: Bacau, Iasi, Hunedoara and Gorj.

Crt. No.	County	No. of the county outbreaks	Locality	Owner	Species	Confirmation Analysis Bulletin (the date)	Confirmation notification date IPIC	Act no./ disease closing date	affected backyards	AFFECTED POULTRY			
										Affected	dead	killed	slaughtered
1	BC	2	Onesti	Viroiu Constantin	hen	187-189 / 28.01.08	29.01.08 (IPIC:1,787)	01 / 27.02.08	1	33	33		
			Poieni-Tg. Ocna	Bancioara Lucian	hen	905-906 / 13.03.08	14.03.08 (IPIC:1,787)	125 / 14.04.08	1	29	29		
2	IS	3	Bârnova	Burlacu Aurica	hen turkey	694 / 29.02.08	03.03.08 (IPIC:1,662)	201 / 26.03.08	1	17	17		
			Valea Satului	Butnariu Cristina	hen	812 / 10.03.08	11.03.08 (IPIC:1,662)	202 / 26.03.08	1	40	40		
			Comarna	Dragan Niculai	hen	1611-1612 / 14.04.08	17.04.08 (IPIC:1,662)	68 / 13.05.08	1	10	10		
3	HD	1	Uricani	Popescu Georgeta	hen	2323-2324 26.05.2008	26.05.2008 (IPIC:1,825)	2 / 02.07.08	1	20	10	10	
4	GJ	1	Tg Carbonești, sat Pojogeni	Ciopea Aurelia	hen	4509-4510 / 23.10.2008	24.10.2008 (IPIC: 1,675)		1	80	17	56	7
Total	4	7	7	7	hen turkey	7			7	229	156	66	7

No. of the Newcastle closed outbreaks: 6

No. of the Newcastle active outbreaks: 1

# Romanian Epidemiological situation regarding the Newcastle disease in 2008



# The last active outbreak

The last outbreak was confirmed on organ sets which were sampling from 2 hens (virus isolation and intracerebral pathogenicity index testing – 1,675) by National Reference Laboratory for avian Influenza and newcastle disease, according to analysis bulletin no. 4509-4510/23.10.2008.



# Active outbreak – Pojogeni village, Gorj county

**Owner: Cioplea Aurelia**

**Total poultry livestock 80: 75 hens and 5 turkies**

**Suspicion date: 16.10.2008 - measures taken**

**Confirmation date: 24.10.2008**

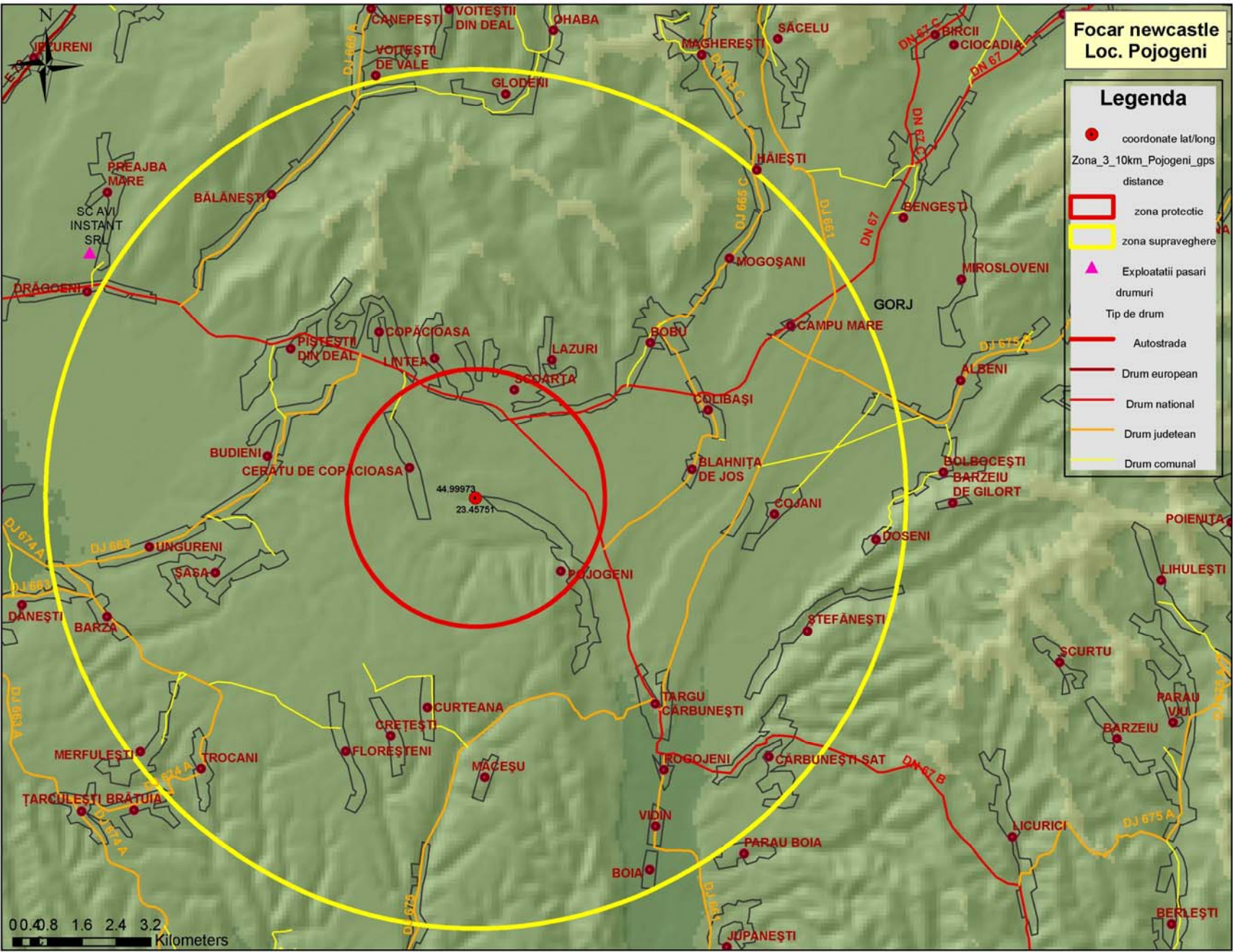
**Susceptible animals 80: dead 17, slaughtered 7, killed 56.**



# Focar newcastle Loc. Pojogeni

## Legenda

- coordonate lat/long
- Zona\_3\_10km\_Pojogeni\_gps distance
- zona protectie
- zona supraveghere
- ▲ Exploataii pasari drumuri
- Tip de drum
- Autostrada
- Drum european
- Drum national
- Drum judetean
- Drum comunal



0 0.8 1.6 2.4 3.2  
Kilometers



# Disease possible origin

- 100% impossibility vaccination of poultry in backyards;
- Direct and indirect contact between poultry and wild birds especially with the pigeons (in Romania are vaccinated only the pigeons which participate at competitions and exhibitions).



# Eradication measures

- The provisions of the Directive 92/66/EC transposed into national legislation by the NSVFS President Order no. 153/2006 were applied;
- stamping-out performed in the outbreak was followed by 3 disinfections at the next data: 24.10.2008, 25.10.2008 and 31.10.2008.
- Poultry livestock from the protection area were identified (2 localities, 11 631 poultry – 7783 hens, 1291 turkies, 174 guinea hens, 3 pheasants, 187 pigeons, 2193 ducks and geese) and surveillance area (22 localities, 56 993 poultry- 41 586 hens, 6106 turkies, 767 guinea hens, 21 pheasants, 10 quails, 2137 pigeons, 6366 ducks and geese);
- Poultry movements are controled;
- There are no poultry commercial holdings in the the protection and the surveillance area of the Newcastle outbreak.

*Thank you very much for your  
attention!*

