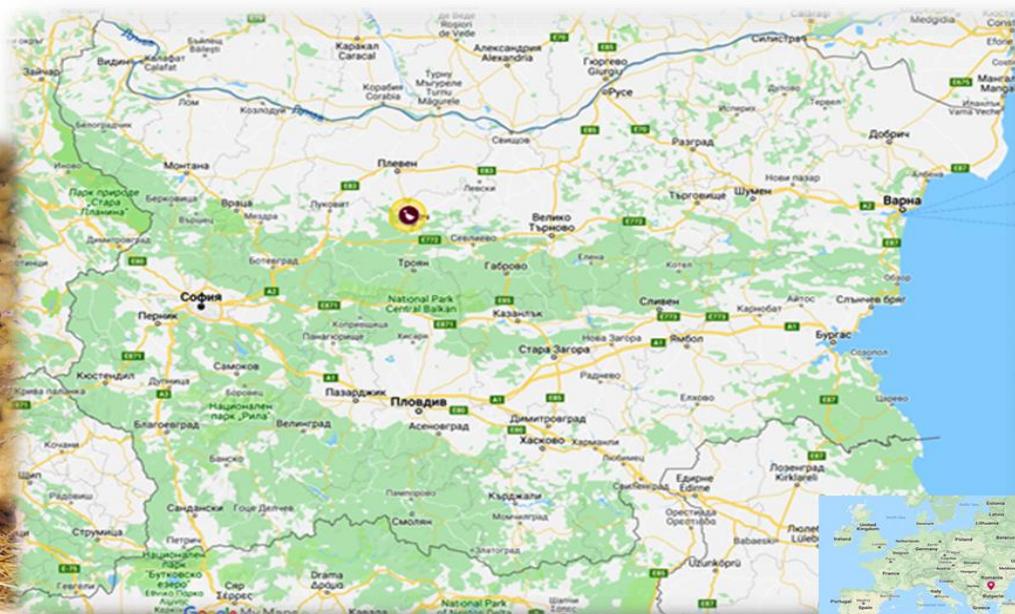




Avian influenza situation in Bulgaria

21.03.2019, PAFF



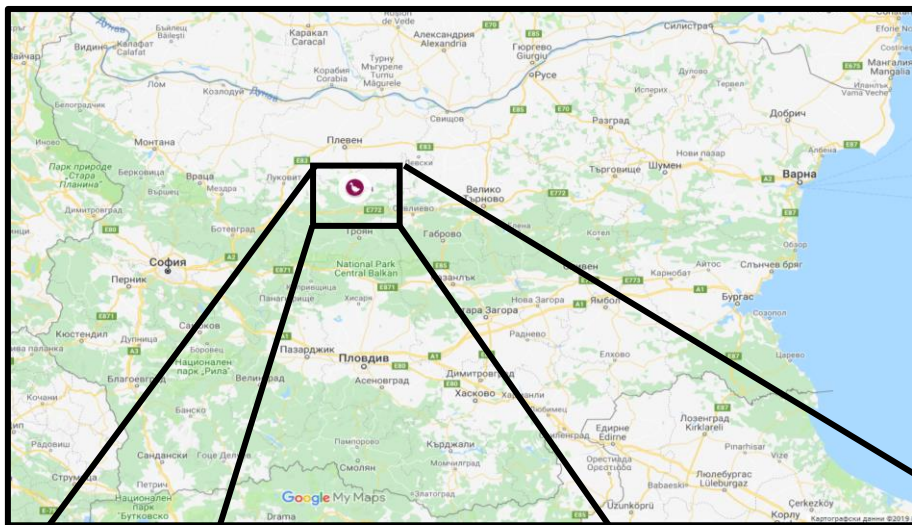


HPAI H5 outbreak, ADNS 2019/1 confirmed on 13/03/2019 (1)

General information

- Commercial duck farm
- Location - Lisets village, Lovech region
- Population : Mulard duck – 12 358 in total
- Technology groups reared in the farm- day old, growing and fattening (foie gras) groups, delivered from the same HU consignee, with INTRA certificated , as follows:

Certificate №	Age of poultry	№ of poultry	Date of arriving	Age of arriving
INTRA.HU.2019.0000173 - V1	10 weeks	2888	05.01.2019	3 day duck
INTRA.HU.2019.0001016[b g] - V1		3002	16.01.2019	3 day duck
INTRA.HU.2019.0003180 - V1		3268	06.02.2019	3 day duck
INTRA.HU.2019.0005723	10 weeks	3200	04.03.2019	9 weeks

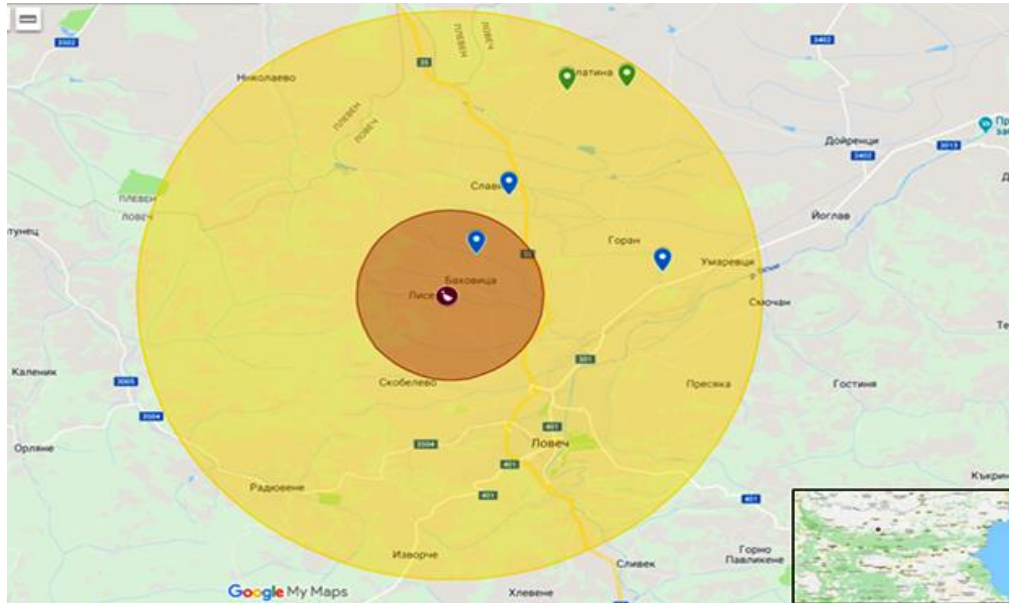




HPAI H5 outbreak, ADNS 2019/1 confirmed on 13/03/2019 (2)

Measures taken

- 07/03/2019 – virusological sampling of 9 weeks old duck arrived with INTRA.HU.2019.0005723, on 04/03/2019, within the framework of enhanced active surveillance (which was set out since Oct 2018 in the whole territory of the country);
- 13/03/2019 – confirmation HPAI H5 (H5N8);
- 14/03/2019 - information to the Commission and Hungary and
- enforced measures according to the Directive 2005/94/EC:
 - establishing 3 km protective and 10 km surveillance zones around the outbreak;
 - culling and disposal of all birds in the farm.
- 19/03/2019 – completed disposal of carcasses, contaminated feed and materials;
- 20-22/03/2019 – cleaning and final disinfection to be completed;
- 15/03/2019 – 20/03/2019 - visits and clinical examinations in industrial farms and back yards, with negative results for presence /suspicion for AI infection.



Map - HPAI outbreak ADNS 2019/1 and industrial poultry farms located within the restriction zones

Zones	Broiler farms		Duck farm	
	Farm	Poultry	Farm	Poultry
3 km protective zone	1	10 000	0	0
10 km surveillance zone	1	10 000	1	0
	1	70 000	1	0

Table - industrial farms located within the restriction zones



HPAI H5 outbreak, ADNS 2019/1 confirmed on 13/03/2019 (2)

AI Control in the farm, 2018 -2019

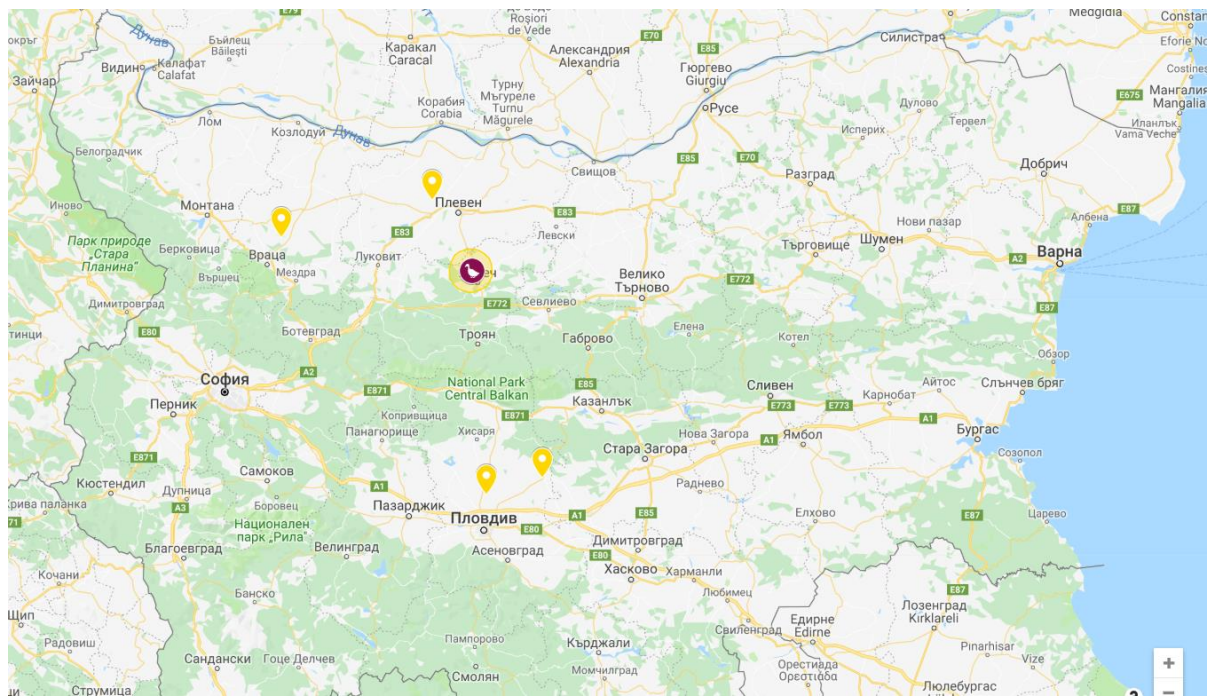
- Official control and sampling within the National control programme for control of AI carried out in March and October 2018 – all with negative results for presence of AI Virus
- Own control and sampling :
 - Serological surveillance, in the period May 2018 – 17.01.2019 – negative results for Ab
 - Virusological surveillance of duck reared in the fattening sector, as presented in the table

Certificate Reference Number	Consignee	Country Of Origin	Place Of Origin	Date And Time Of Departure	Transporter Country	Number / Quantity	Animals / Products Certified For	Date of laboratory tests	AGID	M gen	H5 / H7
INTRA.HU.2019.0005723	Rössig International SARL	Hungary	Zámbóné Maróti Erika	4.3.2019	Bulgaria	3200	Slaughter	8.3.2019		positive	H5 N8 positive
INTRA.HU.2019.0004131	Rössig International SARL	Hungary	VASS ATTILA	15.2.2019	Bulgaria	1400	Slaughter	22.2.2019		positive	negative
INTRA.HU.2019.0003180	COUVOIRS SEVRE MAINE	Hungary		6.2.2019	Hungary	3268	Other				
INTRA.HU.2019.0001016	COUVOIRS SEVRE MAINE	Hungary	Zámbóné Maróti Erika	16.1.2019	Hungary	3002	Other	17.1.2019	negative		
INTRA.HU.2019.0001142	Rössig International SARL	Hungary		15.1.2019	Bulgaria	2700	Slaughter	17.1.2019		positive	negative
INTRA.HU.2019.0000173	COUVOIRS SEVRE MAINE	Hungary		5.1.2019	Hungary	2888	Other	18.1.2019	negative		
INTRA.HU.2018.0028033	Rössig International SARL	Hungary	Sisákne Zámbó Agnes	22.10.2018 00:00	Bulgaria	1100	Slaughter	25.10.2018		positive	negative
INTRA.HU.2018.0027368		Hungary		15.10.2018 00:00	Bulgaria	1600	Slaughter	17.10.2018		positive	negative
INTRA.FR.2018.0087328	PREMIUM FOOD BULGARIA LTD	France	Roussay	14.10.2018	Bulgaria	2856	Breeding				
INTRA.HU.2018.0026621	Rössig International SARL	Hungary	Varró Attila	5.10.2018 00:00	Hungary	2860	Slaughter	8.10.2018		positive	negative
INTRA.HU.2018.0025121	COUVOIRS SEVRE MAINE	Hungary	Zámbóné Maróti Erika	19.9.2018 00:00	Hungary	2470	Other	20.9.2018	negative		
INTRA.HU.2018.0023087		Hungary		29.8.2018 00:00	Hungary	2660	Other				
INTRA.HU.2018.0020671		Hungary		1.8.2018 00:00	Hungary	3154	Other				
INTRA.HU.2018.0018039		Hungary		4.7.2018;	Hungary	2660	Other	30.05.2018;21.06.2018;12.07.2018;31.7.2018	negative		
INTRA.HU.2018.0011525	SAS COUVOIR BLANCHARD	France	óné Maróti	03/05/2018 02:00	Hungary	2470	Other	30.05.2018;21.06.2018;	negative		
INTRA.HU.2018.0013229	Rössig International SARL	France		16/05/2018 02:00	Bulgaria	1160	Slaughter				



Other epi linked duck farms

- Duck consignments arrived from the same consignee within the week of confirmation of HPAI outbreaks
- 4 farms , three regions – Plovdiv, Vratsa, Pleven
- tested negative by PCR



VIP M, Plovdiv region					
Certificate №	№ of birds	Date of departure	Sampling	M gen	H5 /H7
INTRA.FR.2018.0005376	3468	23.01.2018			
INTRA.HU.2018.0025019	1292	18.09.2018	07-29.01.2019	negative	
INTRA.HU.2019.0002729	1400	01.02.2019			
INTRA.HU.2019.0003181	3686	06.02.2019	15.02.2019	negative	
INTRA.HU.2019.0003183	2660	06.02.2019	15.02.2019	negative	
INTRA.HU.2019.0006589	3800	13.03.2019	18.03.2019		negative for H5

Ineks BK Eood, Pleven region					
Certificate №	№ of birds	Date of departure	Sampling	M gen	H5 /H7
INTRA.HU.2019.0000170	3078	05.01.2019	22.01.2019	Positive	negative
INTRA.HU.2019.0002937	3268	06.02.2019	19.02.2019		
INTRA.HU.2019.0006585	3268	13.03.2019	18.03.2019		negative for H5

ENTE 2017 OOD, Vratsa region					
Certificate №	№ of birds	Date of departure	Sampling	M gen	H5 /H7
INTRA.HU.2018.0033955	13300	29.12.2018	06.03.2019	negative	
INTRA.HU.2019.0000490	13330	10.01.2019	06.03.2019	negative	
INTRA.HU.2019.0002423	10222	30.01.2019			
INTRA.HU.2019.0003545	13376	13.02.2019			
INTRA.HU.2019.0004427	12616	20.02.2019			
INTRA.HU.2019.0006583	10400	13.03.2019	18.03.2019		
INTRA.HU.2019.0006584	3120	13.03.2019	18.03.2019		negative for H5

MARCO 2003VIP M, Plovdiv region					
Certificate №	№ of birds	Date of departure	Sampling	M gen	H5 /H7
INTRA.HU.2019.0001019	5016	17.01.2019	28.01.2019	positive	Negative
INTRA.HU.2019.0007135	3876	14.03.2019	18.01.2019		Negative for H5



Avian influenza control measures since May 2018

- Enhanced laboratory surveillance in each farm with domestic poultry :
 - serological sampling (every 2 months)
 - virological pre-movement sampling in duck farms in high risk area.

- Repopulation of previous infected farm (Vi and Ab positive) is allowed, as:
 - following the provisions of Article 49 of Directive 2005/94/EC
 - after lifting the restriction zones
 - repopulation with sentinels 21 days
 - sampling of industrial farms located in 3 km zone - with negative results

- Poultry positive for Ab against HPAI (negative for HPAI Vi) are sent for immediate slaughtering (aiming to avoid the presence of poultry population of HPAI Ab positive);

- 6 months break from operation in the farms where HPAI outbreaks were confirmed more than twice within 12 months (6 months ban for repopulation)



Conclusions

Source of infection - **inconclusive.**

➤ Consideration on:

- INTRA trade infection - previous consignments were sampled and tested negative for presence of H5/H7 (but positive for M gen) and information for PCR H5 negative results provided by the Hungarian colleagues.

- transport/transport means - direct transport; one of the biggest transport company in BG; transport means should be cleaned and disinfected before loading; no records or positive results suggesting infection via transport mean used;

- environment - in the region concerned : no records / suspicion for any presence of AI infection in domestic poultry or wild birds in last two years ; the poultry farms were inspected officially twice in 2018 with negative results

➤ Further typing, genomic characterization, phylogenetic analysis by the EU RL will clear the picture



REPUBLIC OF BULGARIA
MINISTRY OF AGRICULTURE, FOOD AND FORESTRY
BULGARIAN FOOD SAFETY AGENCY

Thank you for the attention!

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