



MINISTRY OF AGRICULTURE CROATIA
VETERINARY AND FOOD SAFETY DIRECTORATE

2014 BLUETONGUE DISEASE

Croatia

**Standing Committee on Plants, Animals, Food and Feed
(SCoPAFF)**

November 2014

OUTBREAK – OCTOBER 2014

27th October authorized veterinarian notified suspicion on **BTD** in **Dubrovnik – Neretva County** – based on clinical signs in sheep

Until **31st October** animals with clinical signs were notified on **13** holdings distributed on the area of 150 km (from Konavle to Pelješac peninsula)

Immediately measures prescribed by Article 4 of Directive 2000/75 were implemented.

- Total number of sheep and goats on 13 suspicious holdings
 - 333 sheep and 24 goats
 - clinical signs of **BTD** were notified in 42 sheep

Small scale sheep herds (extensive production)

OUTBREAK – OCTOBER 2014



OUTBREAK – OCTOBER 2014

- Animals on suspected holdings were sampled and samples are sent to NRL for BT (CVI Split)
- **22** samples revealed positive result on c-ELISA
- further laboratory testing is still ongoing

BT outbreak notified based on serological testing and clinical signs.

31st October 2014 – notification of European Commission

31st October 2014 - data on outbreaks were sent to neighboring countries

Protection zone covers parts of Bosna and Herzegovina and Montenegro

Surveillance zone covers parts of Bosna and Herzegovina, Montenegro and Italy

OUTBREAK – OCTOBER 2014

MEASURES ON PLACE

- Article 4. and 6. of Directive 2000/75
- Restriction of movements of animals
- Killing of animals with severe clinical signs of disease (modified stamping out)
- Further laboratory testing ongoing
- Epidemiological investigation ongoing

For implementation of measures from Article 6 in 20 km buffer zone, additional teams from other parts of Croatia will be send to Dubrovnik - Neretva County

Legal basis: Croatian Veterinary Act, decision by the CVO

HISTORY OF BTB IN CROATIA

- last case in 2005 - Serotype 9 and 16 in bovines in Dubrovnik - Neretva County
- since 2006 only seropositive animals, no BT virus confirmed

Entomological investigation confirmed *C. obsoletus* complex and *C. pulicaris* complex (no *C. imicola* detected)

2014 BTB SURVEILLANCE PROGRAM IN CROATIA

- No EC co-financing for 2014th BTB Programme
- 2015th BTB programme for co-financing submitted

Whole territory of Croatia covered with program

Aim – detect infection in prevalence of at least 20%/county

Animals for sampling randomly selected

- 504 bovine animals

Positive samples not detected!

2014 BTB SURVEILLANCE PROGRAM IN CROATIA

MEASURES IN CASE At CONFIRMED

Clinical examination of animals

Epidemiological inquiry

Additional sampling of seropositive animals

c-ELISA and PCR

MEASURES IN CASE CLINICAL SUSPICION

Sampling for PCR (to detect 2% prevalence)

Clinical examination and epi inquiry

Also on all holdings within 20km radius of suspected holding

LABORATORY TESTING

NRL for BT – Croatian Veterinary Institute - Split

Regular testing scheme within Program:

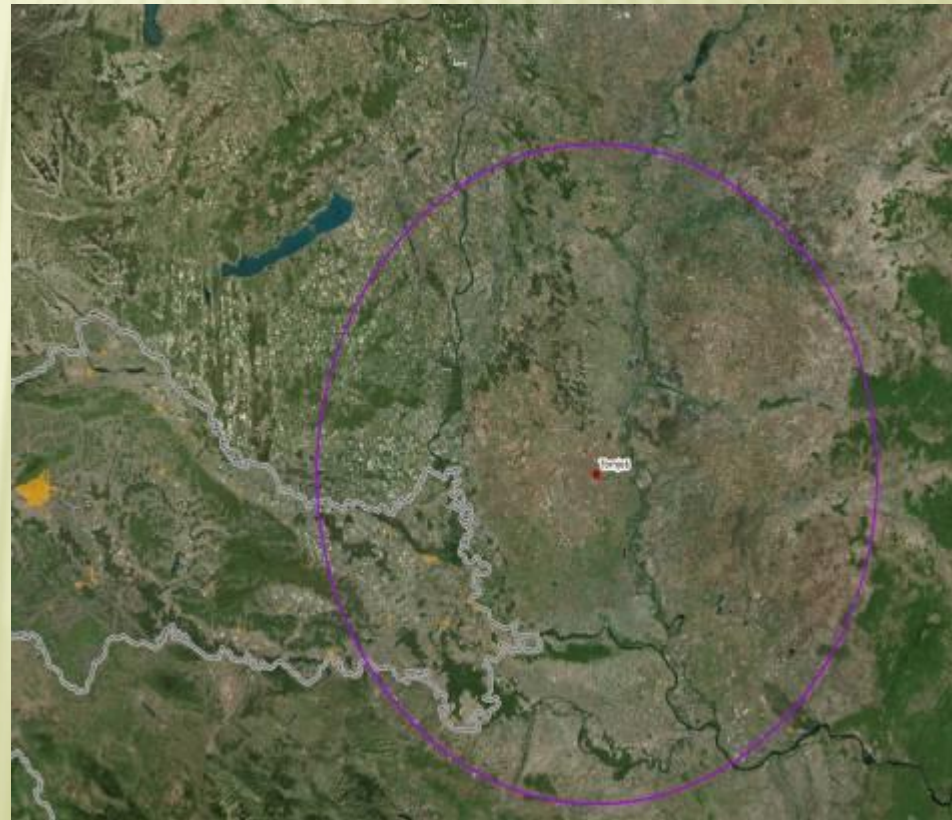
- All samples - c ELISA
- Positive samples tested SNT
- Seropositive animals additionally tested with PCR

ADDITIONAL MEASURES IN 2014th PROGRAMME

Due to extension of the surveillance zone from Hungary and Serbia on parts of Osijek-Baranja County and Vukovar-Srijem County

15 bovine farms/county additionally sampled

- At least 8 sentinel bovine animals/per farm
- Sampling will be done twice (time period between two samplings is 4 weeks)
- In total 240 sentinel animals will be sampled





MINISTRY OF AGRICULTURE
VETERINARY AND FOOD SAFETY DIRECTORATE

Thank you for your attention!