

Bovine brucellosis in AT

Follow-up investigations
regarding outbreak in 2018

Overview of affected holdings in 2018

- **First affected holding:**

- Dairy farm, district Rohrbach, Upper Austria
- NRL confirmed Brucella melitensis by PCR on 25 June 2018
- Possible reason for outbreak: Illegal movement of small ruminants

As a consequence: All dairy farms in districts Rohrbach and Urfahr-Umgebung were investigated by tank milk serology - all negative, except one neighbouring farm:

- **Second affected holding:**

- Dairy farm, district Urfahr-Umgebung
- Located very close to first affected farm
- Serviced by the same veterinarian, **only serologically positive**

Third affected holding detected in February **2019** as a result of follow-up investigations

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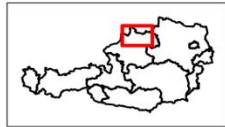
In the course of follow-up investigations in all dairy farms in districts Rohrbach and Urfahr-Umgebung beginning of 2019:

Third affected holding was found to be positive in tank milk serology on 27 February 2019:

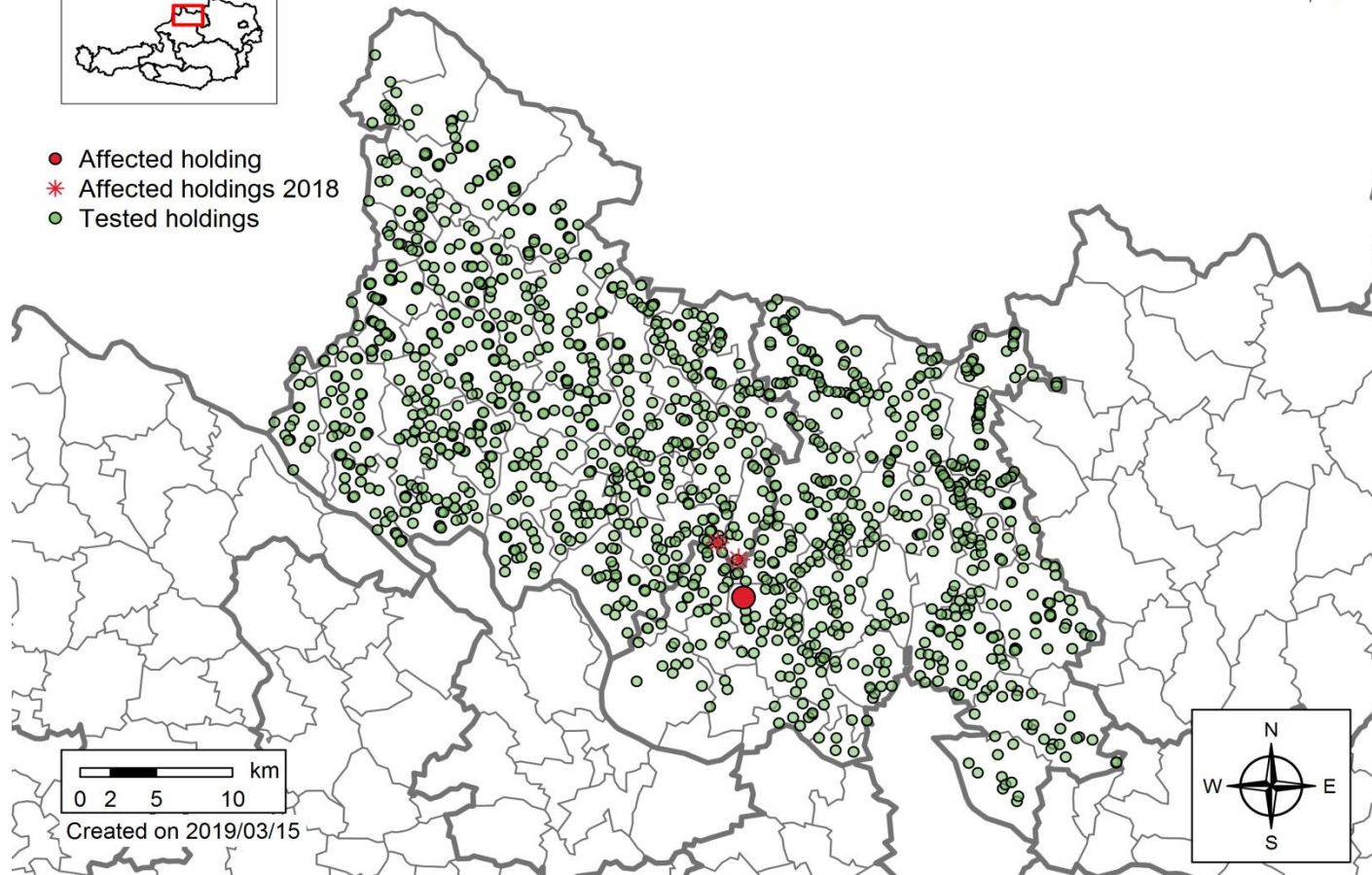
- District Urfahr Umgebung
- 116 cattle, no clinical signs
- **One cow** was serologically positive (blood, milk); after diagnostic killing various samples taken from the urogenital tract + milk were **PCR negative**;
Only udder lymph node: Positive in culture with *Brucella melitensis*, isolated antigen showed the same cluster as in summer 2018
- **Farm is close to first two infected farms and serviced by the same veterinarian**
- Farm is currently **under official control**, milk was always pasteurized
- Farm was not involved in Intra-Union trade, **only movement of animals for slaughter** in Austria.

Overview of farms tested in follow up investigations 2019 in districts Rohrbach and Urfahr Umgebung

Farms tested since 2019/02/12



- Affected holding
- * Affected holdings 2018
- Tested holdings



0 2 5 10 km

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Current status of follow-up
investigations 2019 in districts
Rohrbach and Urfahr Umgebung

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- More than 90% of dairy farms are already investigated by tank milk serology and negative
- Outstanding investigations will be finished by April
- 5 additional holdings (except positive holding) showed not-negative results in tank milk serology, 4 already found negative in subsequent investigations;
- 1 holding is still under investigation + under official control

We will keep you informed

THANK YOU