



Primary outbreak of infectious haematopoietic necrosis (IHN) in Germany

PAFF-committee in October 2020

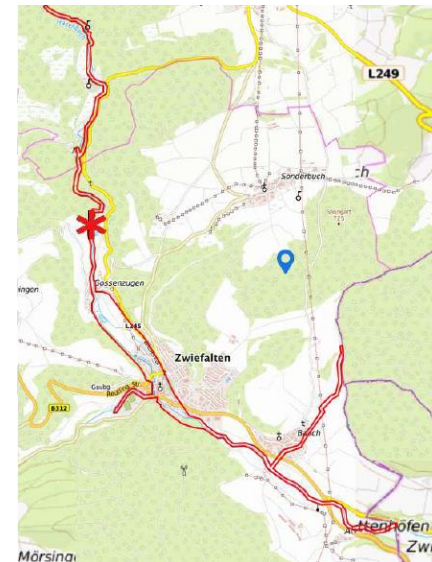
Two primary outbreaks of infectious haematopoietic necrosis (IHN) in Baden-Wuerttemberg



Case 20-027-00024

outbreak of infectious haematopoietic necrosis (IHN) in Zwiefalten, Baden-Wuerttemberg

- Primary outbreak dated 28th September 2020 in the free zone D-BW-G-16.
- The premise is located in the district Reutlingen. Around 465000 rainbow trout and 200 kg brown trout are kept here.
- Stream water system (natural and cement ponds)
- Continuous addition of fish from holding Erbach (20-027-00028) before IHN outbreak in Erbach



Case 20-027-00024

outbreak of infectious haematopoietic necrosis (IHN) in Zwiefalten, Baden-Wuerttemberg

Timeline:

- 15/09/2020 severe clinical symptoms → testing
- 19/09/2020 IHN positive (local laboratory)
- 28/09/2020 IHN positive (NRL)

Epidemiological investigations are still ongoing

- incoming contacts: solely from main holding (later outbreak 20-027-00028) with approved certified official status (breeding and hatching on farm); *main holding tested IHNV-negative on 17.09.2020*, last stocking: 10.09.2020
- outgoing contacts: numerous intra-county trades, 4 intra-country trades, 2 trades abroad (Switzerland, CH); all contacts are informed, feedback pending

Case 20-027-00028

outbreak of infectious haematopoietic necrosis (IHN) in Erbach, Baden-Wuerttemberg

- Primary outbreak dated 8th October 2020 in the free compartment D-BW-F-31.
- The premise is located in the district Alb-Donau-Kreis, in a solitary position, no aquaculture holdings above or below.
- Around 55000 rainbow trout are kept here.
- Sale of stock, slaughter and prepared fish
- Main holding to case no. 20-027-00024

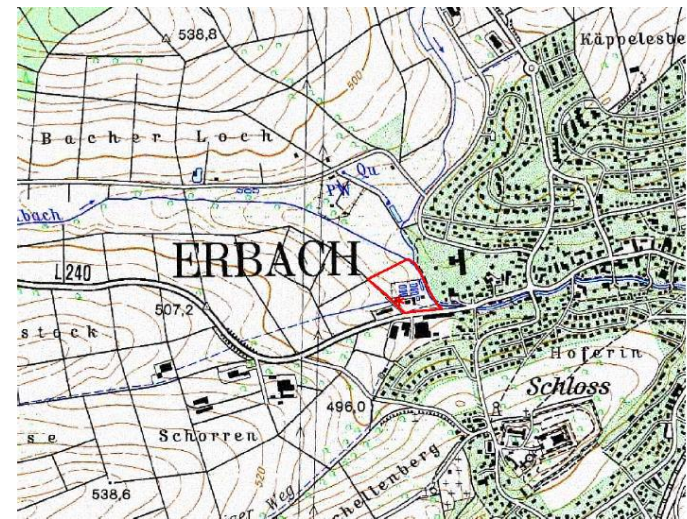
Case 20-027-00028

outbreak of infectious haematopoietic necrosis (IHN) in Erbach, Baden-Wuerttemberg

Timeline:

- 17/09/2020 Routine testing: no clinical signs
- 21/09/2020 IHN negative (local laboratory)
- 29/09/2020 second testing because of minor mortality rate
- 30/09/2020 IHN positive (local laboratory)
- 05/10/2020 high portion of sick and dead fish
- 07/10/2020 IHN positive (NRL)

Point of entry: unknown



Case 20-027-00028

outbreak of infectious haematopoietic necrosis (IHN) in Erbach, Baden-Wuerttemberg

Epidemiological investigations are still ongoing

- incoming contacts: solely from approved certified official status partners (eggs for breeding and hatching fish); *plant tested IHNV-negative on 17.09.2020*
04.09.2020: last arrival of hatching eggs (SLO)
28.09.2020: last arrival of hatching fish (D-BW-F-07)
- outgoing contacts: 10.09.2020: last stocking of plant-location in Reutlingen;
2 intra-country trades of stocking fish for wild waters; contacts are informed to keep biosafety up

Genotype: 100 % similar to the already know outbreaks in Baden-Wuerttemberg 2019 and 2020