

NRL Estonia 2020-2022

Parasites

Estonian Veterinary and Food Laboratory

Analyses for

- safety and quality of food, water, alcohol, and feed
- detection of animal diseases and zoonotic infections



Department of bacteriology-pathology:

- Food and feed analyses: *Trichinella spp.* /Fish parasites/antimicrobial resistance/*Salmonella* serotyping/animal protein in feed
- Animal diseases: parasitological/bacteriological/histological analyses/autopsies



2020 – Start of COVID-19 pandemic

- Several projects, including national monitoring of animal diseases suspended
- Animal breeder's interest increase in different analyses (no monitoring)
 - Total number of samples increased
 - Transportation issues (transport of samples in other countries)
- Start of „Echinococcus Project“ MeME
- Later, monitoring projects continued
- *Trichinella spp.* detection – PT for local laboratories
- Employees - changes, illnesses

2021-2022

- New employees
- Two waves of COVID
- Method verifications:
 - *Trichinella spp.* detection from meat
 - *Anisakis spp.* from fish
- *Trichinella spp.* detection PT for local laboratories
- Difficulties with material collection for MeME (*Echinococcus* Project)
- Advising in *Trichinella spp.* detection method verification
- Training for local laboratories (fish parasites)

Parasitological analyses 2020-2021

Parasitological analyses	2019	2020	2021	2022 (6 months)
<i>Trichinella</i> spp.	1929 (1290)	2532 (1647)	2833 (2546)	1120 (886)
Animal/bird parasites	82	78	112	23
Fish parasites	27	22	20	20
Bee parasites	103	65	110	106

Thank you!

