

European Foulbrood in Sweden: Field Diagnostic Challenges and Differential Diagnosis with American Foulbrood

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Sweden and the bee health

- Not a veterinary issue
- Beekeeper
 - Stop spreading diseases
 - Report location of apiaries
- County administrative boards (CAB)
- Bee inspectors
- Swedish board of agricultural (SBA)
 - Old law
- No national bee register



European foulbrood

- Brood disease caused by the bacteria *Melissococcus plutonius*
- Not mandatory or regulated in Sweden
- No real knowledge on the prevalence in Sweden
- First confirmed brood sample with symptoms in 2015



European Foulbrood in Sweden

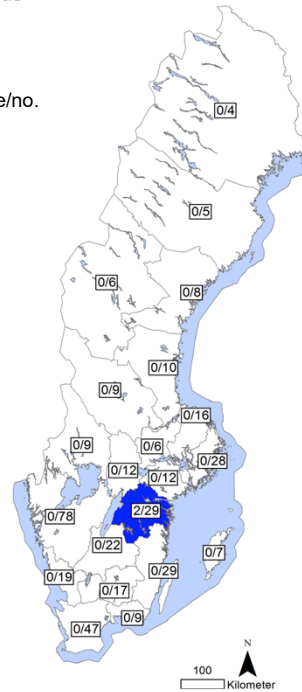
Results from the Swedish baseline study in 2016 and 2021

M.plutonius

Prevalens

0%
1% - 7%

No. positive/no.
sampled

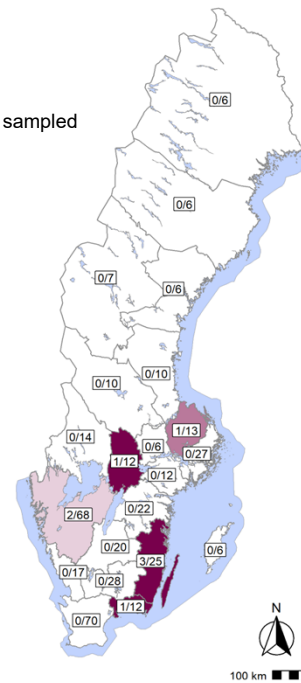


M.plutonius

Prevalens

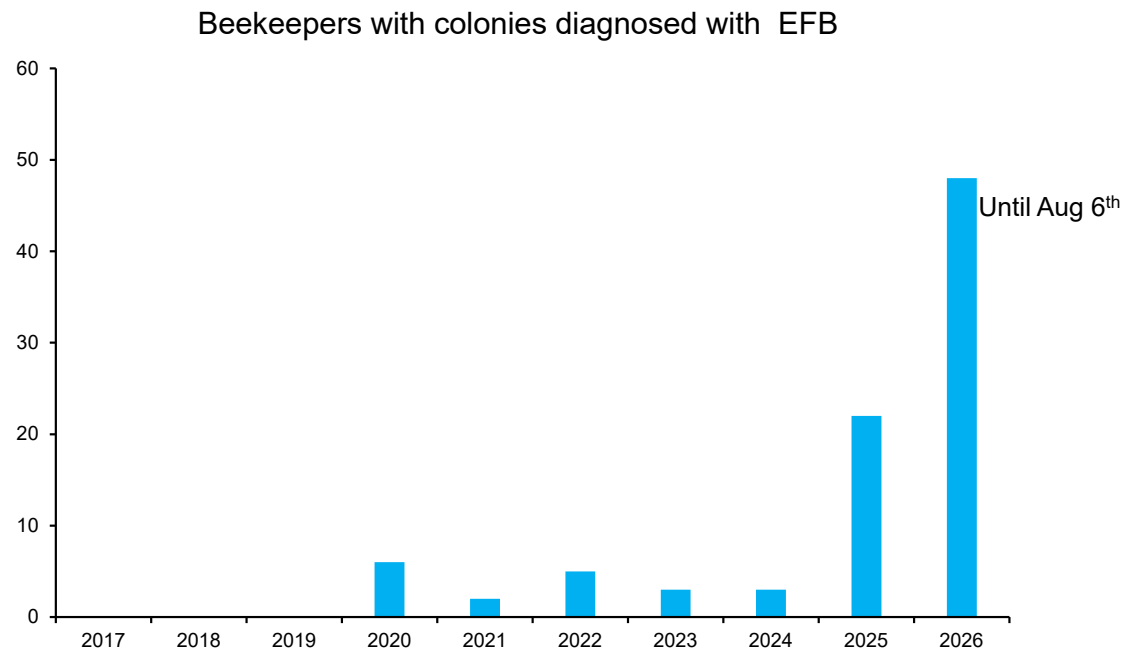
0%
1% - 3%
4% - 8%
9% - 14%

No. positive/no. sampled



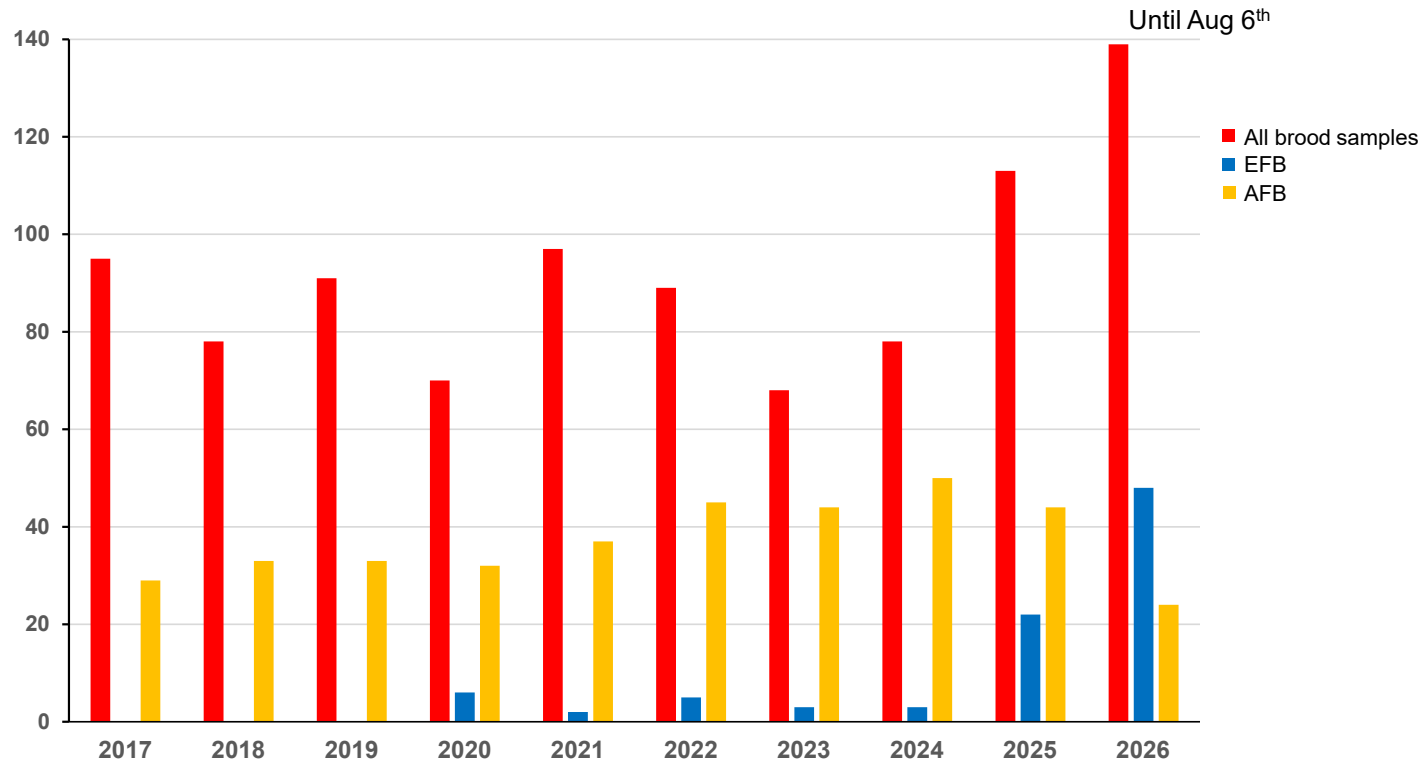
European Foulbrood in Sweden

Results from samples sent to the Swedish NRL



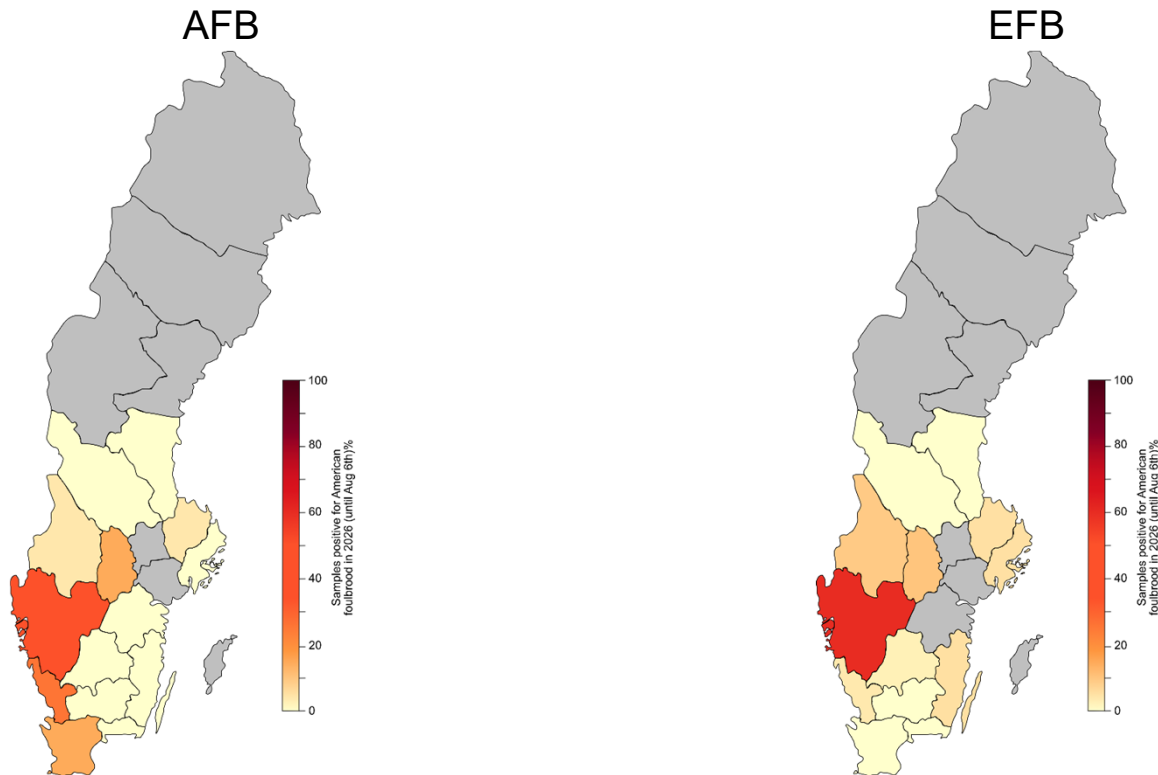
Foulbrood in Sweden

Results from samples sent to the Swedish NRL



American Foulbrood vs European Foulbrood

Jan 1st – Aug 6th 2026



Grey=not sampled

Suspected EFB and the results

