



## European Union Reference Laboratory for honeybee health

### NOSEMOSIS

#### Etiological agent

Nosemosis is caused by the microsporidies, *Nosema apis* and *Nosema ceranae*. The resistance form is the spore which is long lived and resistant to environment conditions.

#### Symptomatic criteria:

- **Dead honeybees in front of the hive**
- **Crawling honeybees, bees clinging to the grass**
- **Traces of diarrhoea** outside or within the hive in case of *Nosema apis* infection
- Depopulation



Traces of diarrhoea



Dead honeybees in front of the hive



Honeybee clinging to the grass

This disease form has been designed to recognize the clinical signs of the disease in the honeybee colony.

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