

Testing method for flea beetles in practice



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New projects

- Started to work with susceptibility tests of pollen beetle 2021.
- Also possible to test cabbage stem flea beetles?



Psylliodes chrysocephala

Method

- Cabbage stem flea beetles were collected from 4 locations in the southern part of Sweden in July-August 2021
- Pyrethroid lambda-cyhalothrin at doses 4%, 20%, 50% and 100%.
- Categories Dead or Alive

Questions

- When is a beetle affected?
- Is the beetle lazy or affected?
- How hard should you poke the beetles?
- Short or long jump?
- Landing upside down and not able to flip over for several minutes. Moribund or pretending to be dead?

Movietime!



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- Alive: Beetles that jump spontaneously or after a poke with a brush were judged to "alive" if they walked normally after landing
- A few refused to jump but had a good speed forward... "alive"?
- Compared with the non-treated beetles everybody else moved more slowly
- Is the results "simply": all beetles should be in category Dead? That would imply that every dose have good effect

Thank you!

