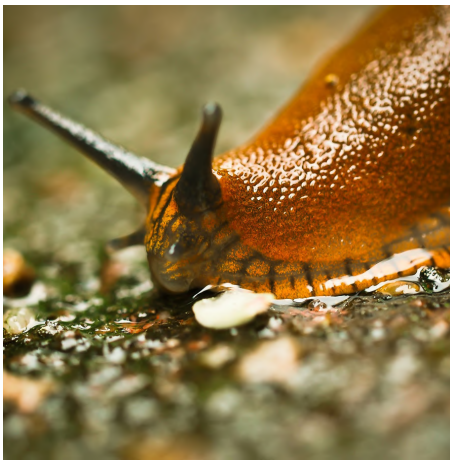
PROGEMA
PFLANZEN verantwortungsvoll schützen

MINIXX,ENVIRONMENTAL FACTOR NEMATODES

TRIALS AGAINST DEROCERAS SLUGS






Minixx, Environmental Factor Nematodes

Trials against Deroceras slugs (19/22, 19/23)

Treatment	Dose rate
Untreated with slugs	-
Minixx molluscicide (29,7 g Ferric phosphate/kg) Application directly before slug release	7 kg/ha
Environmental Factor Phasmarhabditis nematodes Curative application: 5 days before planting and slug release = Slug release together with planting Moist soil before application. Apply pearls evenly 10 cm around plant	100 kg/ha
Environmental Factor Phasmarhabditis nematodes Preventive application: 5 days before planting together with slugs = Nematodes and slugs 5 days in soil before planting Moist soil before application. Apply pearls evenly 10 cm around plant	100 kg/ha

Test plants:
19/22:Chinese cabbage

19/23:Brussels sprouts

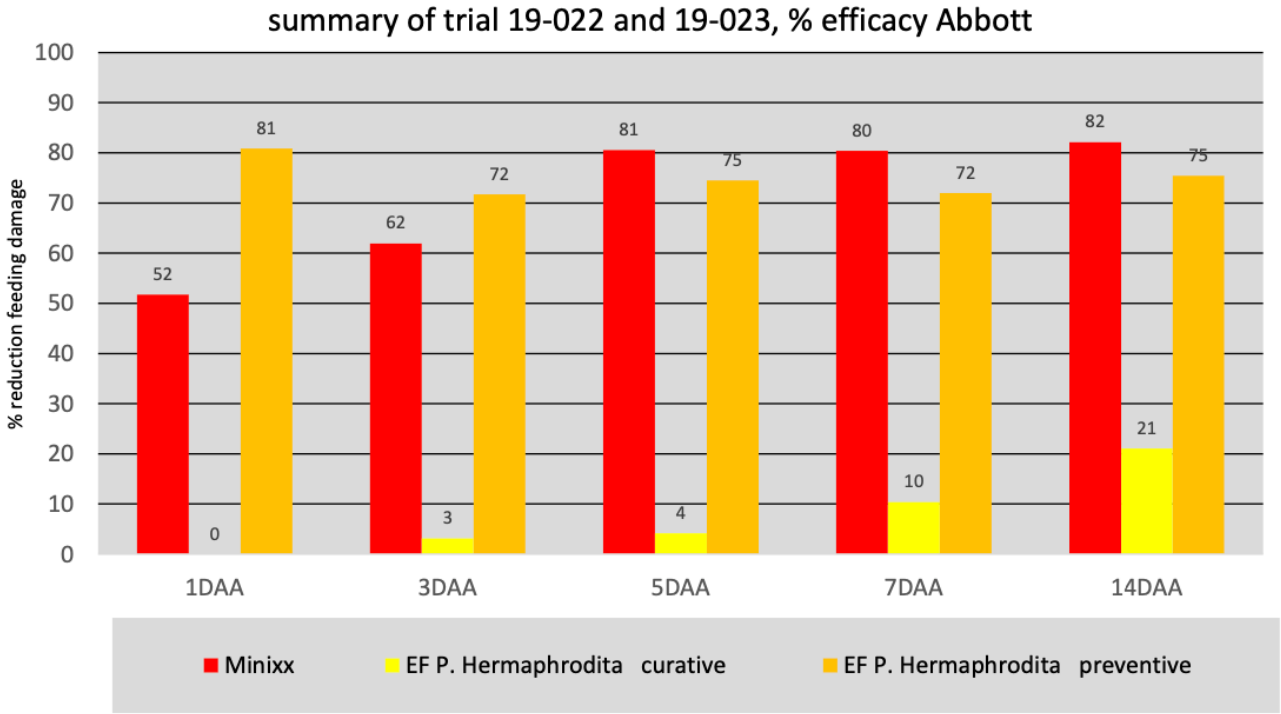
Trial type
Caged arena, 1 m²

Minixx, Envrionmental factor nematodes

Efficacy reduction of feeding damage Derocaras reticulatum 2019

Preventive application nematodes Summary of trial 19-022 and 19-023,

Feeding damage in control: 25% /60%



Minixx, Envrionmental factor nematodes

Mortality Deroceras reticulatum, 2019

preventive application nematodes Summary of trial 19-022 and 19-023,

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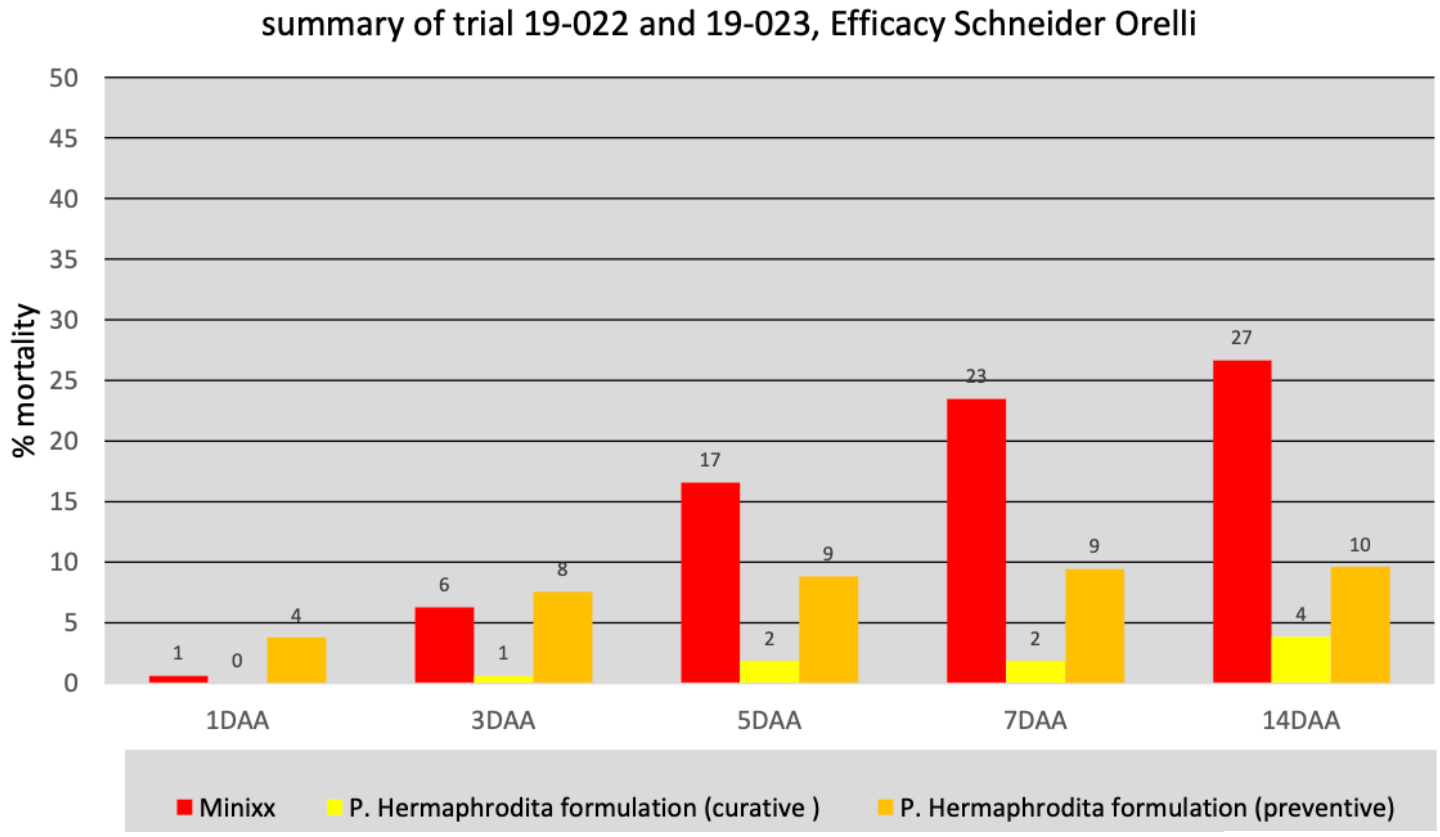

Minixx, Envrionmental factor nematodes

Conclusions trials 19/22/ 19/23

- Phasmarabdithis nematodes delivered by Environmental Factor (EF) arrived alive and in well condition

- EF Phasm. nematodes very effective against Deroceras slugs (Grey field slug) if applied together with slugs 5 days before planting (protective use)

- EF Phasm. nematodes were not effective against Deroceras (Grey field slug) if applied together with slugs and planting (curative use)

- According to literature Phasm. nematodes are not sufficiently effective against Garden slugs (Arion vulgaris, Arion hortensis)