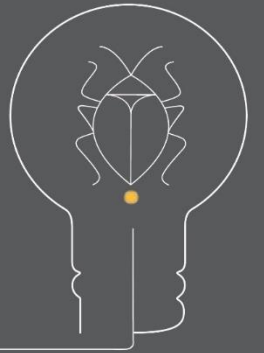


INSECTS ARE THE
FUTURE



Slow-release Sachets of *Phytoseiulus persimilis*: A Dream Come True

Shimon Steinberg & Arnon Tabic

ABIM 2021, 19.10.2021

SPIDER MITES

World-wide pests which attack hundreds of plant species in dozens of botanical families



PREDATORY MITE: *Phytoseiulus persimilis*

**The most important commercially-available
global natural enemy of spider mites.**

Since 1968

Billions of predatory mites are sold on an annual basis



PREDATORY MITE: *Phytoseiulus persimilis*

**Tri-trophic system:
Under greenhouse conditions**



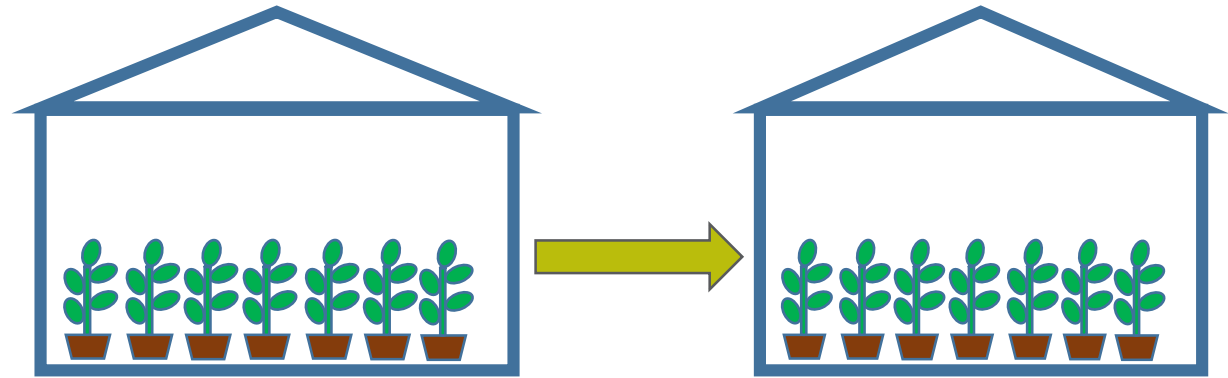
BioBee's Production Facility (partial view)



Specialist mites – *P. persimilis*



Prey A = Prey B



Generalist mites



Prey A ≠ Prey B



BioPersi+

- 🍷 **A novel production method**
- 🍷 **Reared in climate rooms**
- 🍷 **Different product**



A True Revolution in Spider Mite Control

Slow-Release Sachets of *Phytoseiulus persimilis*

BioPersi+
Classic Sachet



Preventive Application
10 - 14 days mite release

BioPersi+
Speed Sachet



Curative Application
5 - 7 days mite release



0.150 mm





BioPERSI+: COLOR



1-2 days

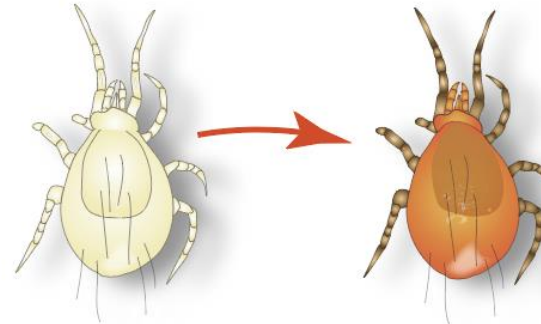


BioPersimilis vs BioPersi+

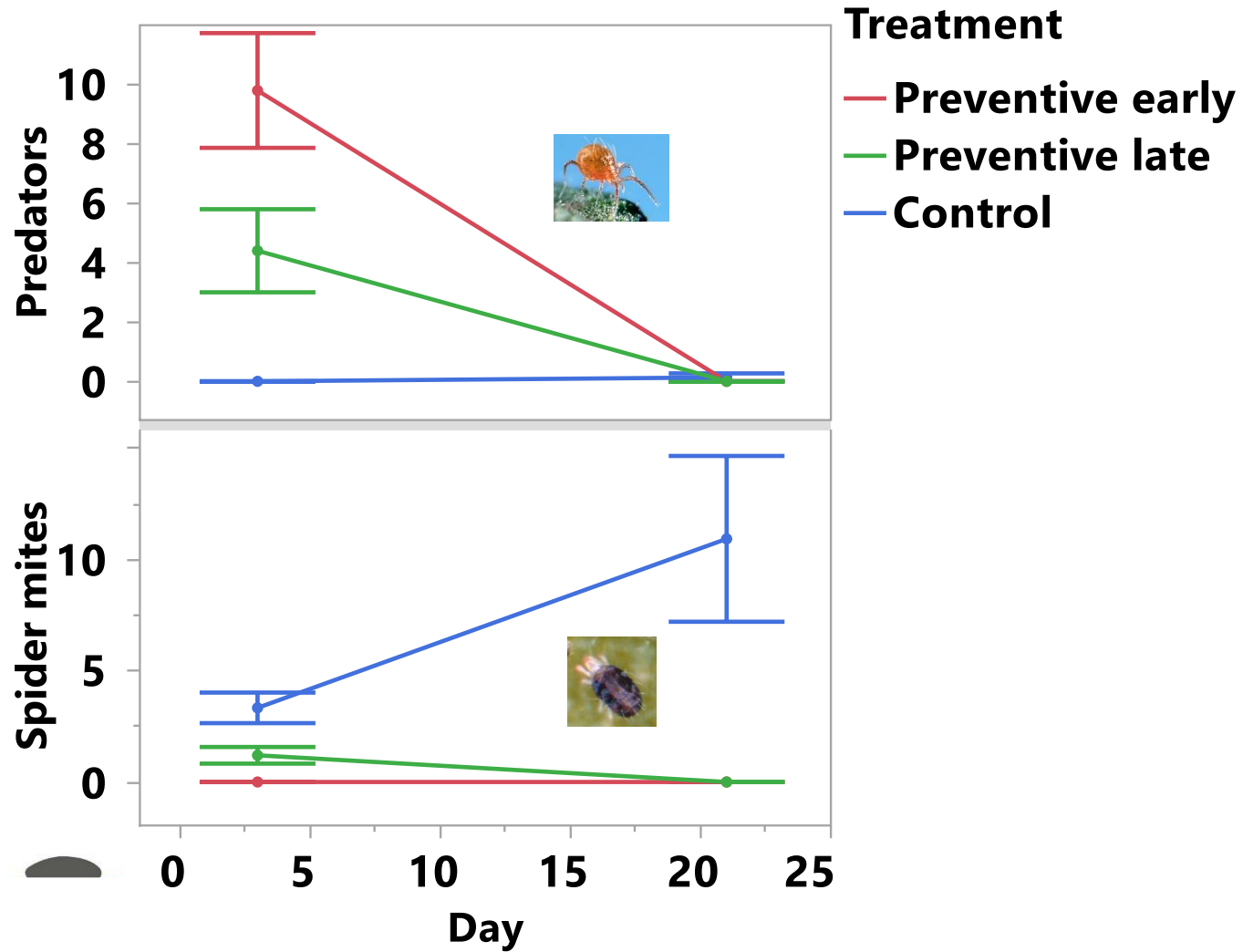
Parameter	Conventional product		Persi +	
Color	Orange		White	
Mite stages	Adults		Adults and juveniles	
Eggs	Absent		Present	
Mites status	Starved		Well fed	
Behavior	Hectic		Calm	



- Contains alternative feed
- Improved search abilities
- Increased fecundity
- Continuous predation
- Proof of predation



SLOW RELEASE TRIAL



THE TEAM BEHIND THE SCENE

Tom Katz



The Feed

Amit Sade



Field R&D



Yael

Hadassa

Joshua

Yelena

Nataly

Yariv

Zohar

The R&D Team of the BioPersi+ Project

BioBee, Inspired by Nature.

SPIDER MITE CONTROL ENTERS A NEW ERA

