



Safe insecticides, No residues

Limor Zur-Stoller
Chief Executive Officer

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Vision

BioCloud will provide herbal-based organic vapor solutions for healthier farming and living.



Consumers want “Safe to eat, residue free, fresh produce”

World Health Organization (WHO)
states that pesticides can cause:

- Poisoning
- Cancer
- Parkinson’s disease
- Endocrine disruption
- Hormonal imbalance

In the USA residues are detected on
70% of fresh produce

BioCloud's unique next generation insecticides

- Saves the grower time and money
- Products safer
- Works right through to market
- Extremely easy to use

Natural ingredients



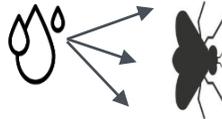
Plant extracts



Highly volatile ingredients



Repel & control



Easy application



Slow release formulation



Residue free



Method of application

—○ Vapour



—○ Fogger



—○ Spraying



BioCloud 618

- Completed proof of concept
- Patent - National Phase filed in the US and Israel
- A product ready to be introduced to market subject to regulatory approval
- All active ingredients are either sourced from edible plants or come from plant sources already approved by the EPA in other products
- Results are apparent within days



Crop plants attract a myriad of insect pests

BioCloud 618 is highly effective against both **chewing** and **sucking** pests



Aphids
Myzus persicae

80% mortality

1st instar larvae



Cotton Leafworm
Spodoptera littoralis

96% mortality

1st instar larvae



Silverleaf whitefly
Bemisia tabaci

92% mortality

Adults

Competitive landscape

- These companies are also potential investors and customers



Bayer CropScience



syngenta

- Conventional chemicals



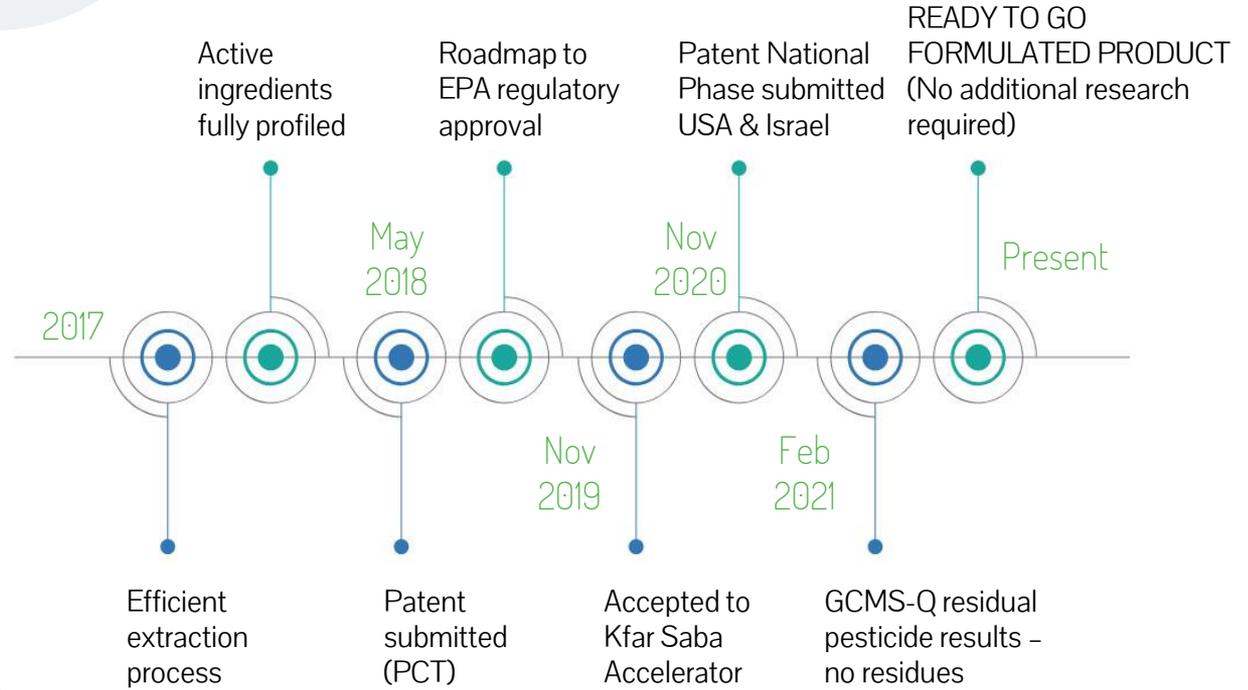
- Organic products



Competition in the bio-pesticide market segment

Features	Marrone BioScience	Andermatt BiocontrolAG	Vestaron	Koppert	Beneficial Insectary Inc	Agrobio	Biobest Group NV	BioCloud
No water & soil contamination	✓	✓	✓	✓	✓	✓	✓	✓
Ease-of-use	✓	✓	✓	✓	✓	✓	✓	✓
Residue-free	✓	✓	✓	✓	✓	✓	✓	✓
Single product sucking/chewing pest control	✗	✗	✗	✗	✗	✗	✗	✓
Vapor activity	✗	✗	✗	✗	✗	✗	✗	✓
Slow release formulation	✗	✗	✗	✗	✗	✗	✗	✓
Season long activity in single product	✗	✗	✗	✗	✗	✗	✗	✓

BioCloud 618 – progress to date



Business Case – Target markets



- BioControl Market
- Indoor farming
- Green & net houses
- > 1.2 million hectares

US\$ 5B

Expected to grow to
\$10B in 2025



- Grain storage facilities

US\$ 225M



- Mosquito repellent
- Little Red Ant control

US\$ 5.6B

Expected to grow to
\$9.6B in 2026



Allied Market Research Report

<https://www.globenewswire.com/news-release/2020/04/06/2012208/0/en/Global-Insect-Repellent-Market-to-Garner-9-61-billion-by-2026-AMR.html>

<http://www.bpia.org/wp-content/uploads/2018/03/Biological-Products-Markets-Around-The-World.pdf>



Management Team

Limor Zur-Stoller
Chief Executive
Officer



CPA, MBA

25 years in various
management roles

Over 10 years in Agrotech
in Rootility Ltd as CEO

Monsanto Inc as Israel
finance lead

Rosetta Green as CFO
which she took public on
TASE

Yoav Nitzav
Founder, Inventor &
CTO



MA in International Ecology

35 years managing
agricultural organizations

International agriculture
advisor

Experienced in herbal
plant extraction

Jonathan Henen
Chief Agronomist &
Regulation



35 years in Plant Protection

Head of Development
(Adama)

Head of Global Insecticides
(Makhteshim Agan)

13 years field experience

Danny Amir
Marketing &
Operations



Control and
instrumentation
engineering background

Marketing in the
semiconductor industry

15 years of agricultural
experience

Eli Ben-Porat
Business
Development



MBA, BA in Economics &
Business management

Extensive experience as
VP Biz Development

Strategic consultant &
business units
management.

VP Biz Dev & Sales at
Nrgene.

Director of Biz Dev at
Zeraim Gedera

Nobody's perfect but a team can be!



Advisory Board

Professor Avi Perevolotsky
Chairman



International expert in the field of Agriculture & Ecology.
Volcani Center Institute of Plant Science in the Department of Natural Resources Nature and Parks Authority of Israel.
Chairman for the International Advisory Committee, Biblical Zoo Expansion Project, National & International Advisory Committee, Jerusalem

Professor Yoram Kapulnik



World renowned researcher in the field of agriculture. Co-authored 12 plant-related patents, including one for a cancer cure.
Director of the Department of Natural Resources and Crops
Director of the Field Crops Institute.
Head of the Agricultural Research Administration.
Director Institute of Plant Sciences ARO
Volcani Institute

Andre Goig



MBA ISG
Founder AG Consulting
Worked over 32 years at Syngenta and legacy companies Novartis/Sandoz, last role was Regional Director EAME (Crop Protection & Seeds), previously Global Head Vegetable seeds BU



Advisory Board – continued

Dr. Mike Gilbert



Bachelor's Degree, Agricultural Economics – Finance. Doctor of Philosophy (Ph.D.), Plant Science. Mike worked at BASF as Sr.V.P & Head of R&D from August 2018. Mike worked for nearly 20 years at Bayer Crop Science – V.P. Global Breeding & Trait Development

Dr. Ralph Beckers



MS Environmental Sciences, MA Sociology, Doctor of Science Biology/Entomology. Currently Global Lead - Portfolio Advancement & Innovation at Nufarm. Ralph worked for Syngenta Crop Protection as Global Head Strategic Marketing Sugar Beet and prior to that as Global Head Business Development Sugar Beet

Alon Gozlan



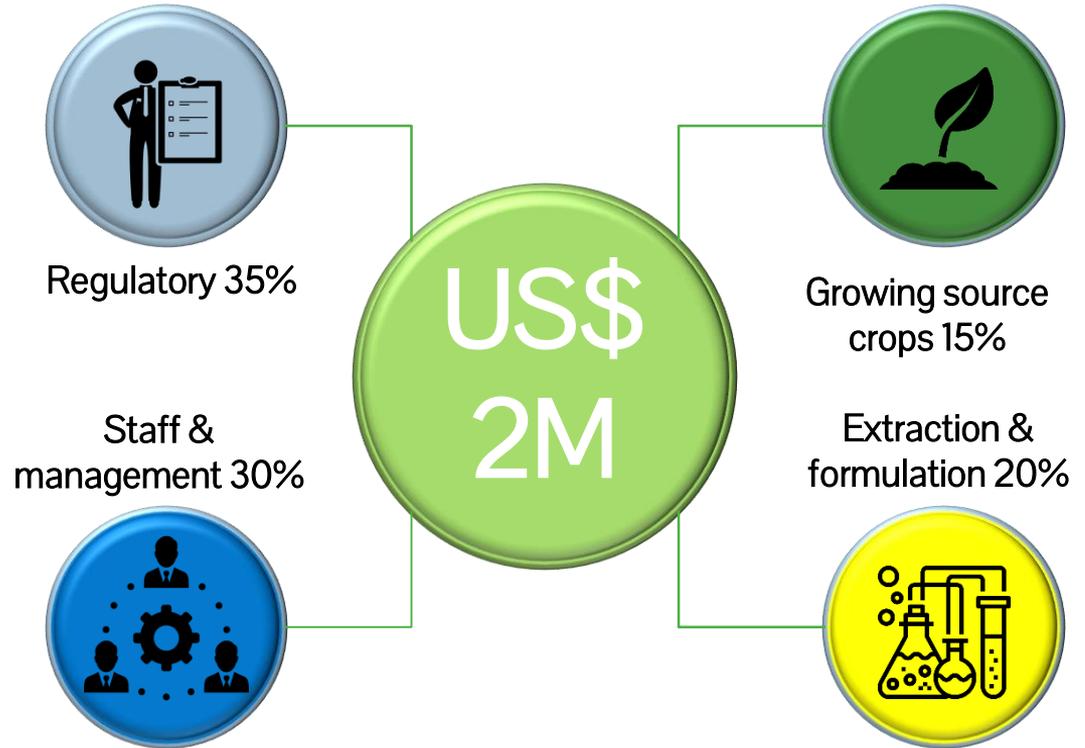
Over 10 years experience in Finance, Business Development and Strategy in various Hi-tech and in Startup companies. VP Business Development at Soos Technology, an ag-tech startup focused on sex reversal in poultry embryos. CEO of Algo Business Strategy, a consulting firm helping early-stage start-ups prepare for their next funding round

Arye Gershon

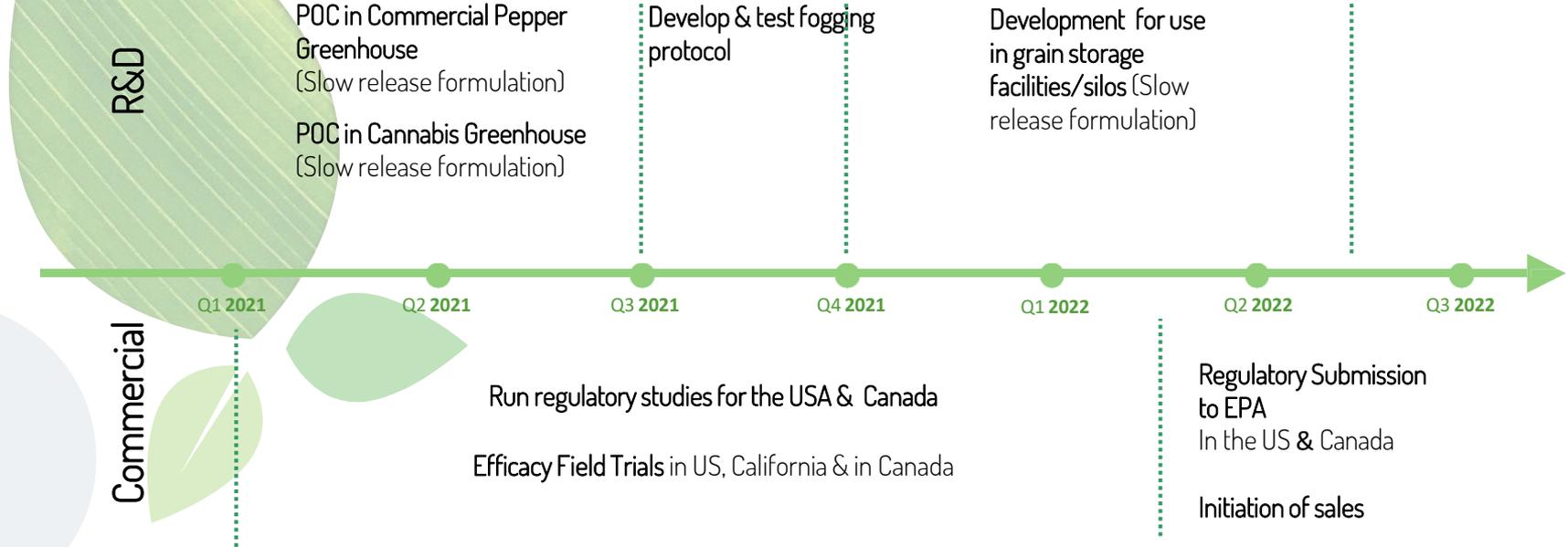


Holds an MBA from the University of Haifa. Has extensive experience in initiating, establishment and management of factories. In improving and streamlining processes and organizations, Especially in the field of food.

Funding Required



Milestones





Thanks for
your attention!

ANY QUESTIONS?

Limor Stoller, CEO

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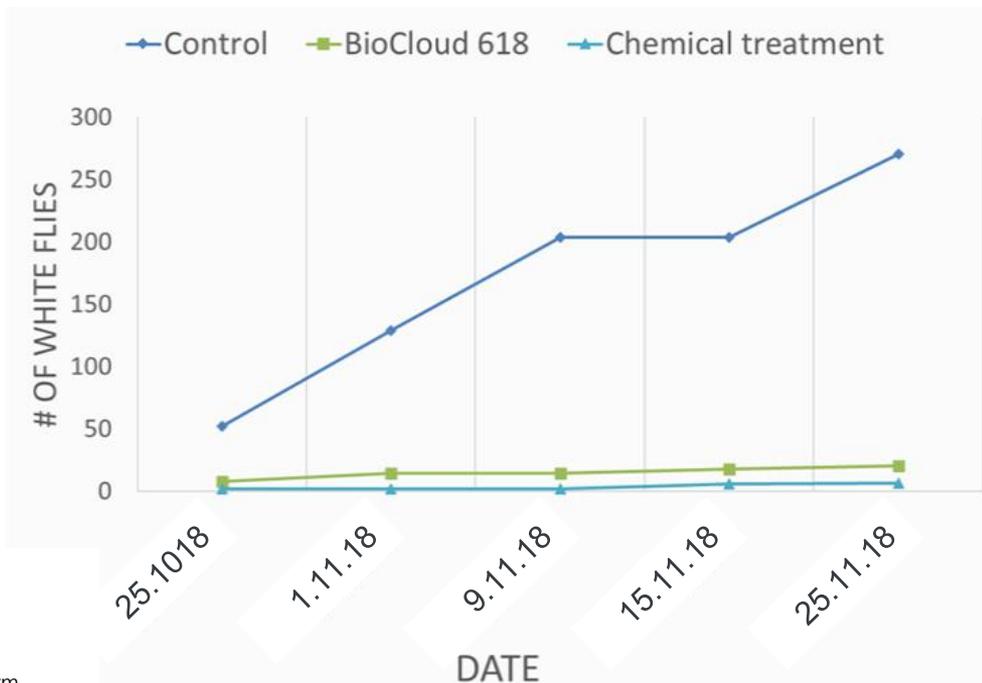
biocloudglobe.com



Highly effective on *Bemisia tabaci*

Tobacco white fly control on cabbage & cauliflower in polyethylene covered tunnels located on Eden R&D Farm (total number of white flies on 3 plants/plot)

Weekly spray applications plus continual presence of slow-release formulation



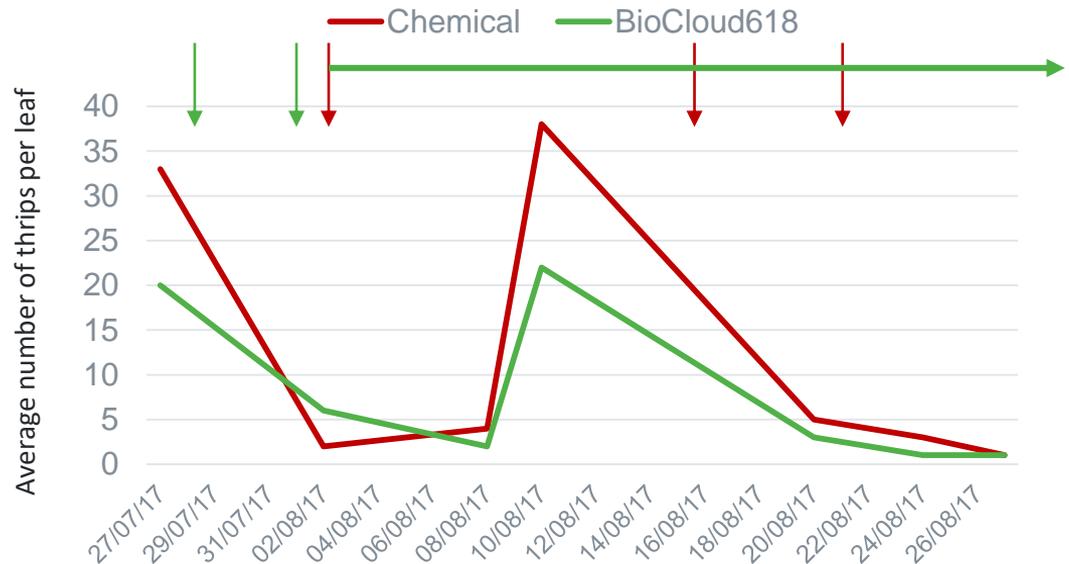
Source: Shimon Biton - Head Plant Protection
Extension Service Israeli Min of Ag
Uri Adler - Vegetable Expert, Plants production
& Marketing Board
Hagai Goren - Technical Manager R&D, Eden Farm



Good Control of *Frankliniella occidentalis* on Kale

Western flower thrips control on kale in polyethylene covered greenhouse tunnels
Kibbutz Merom Golan (average number of thrips per leaf)

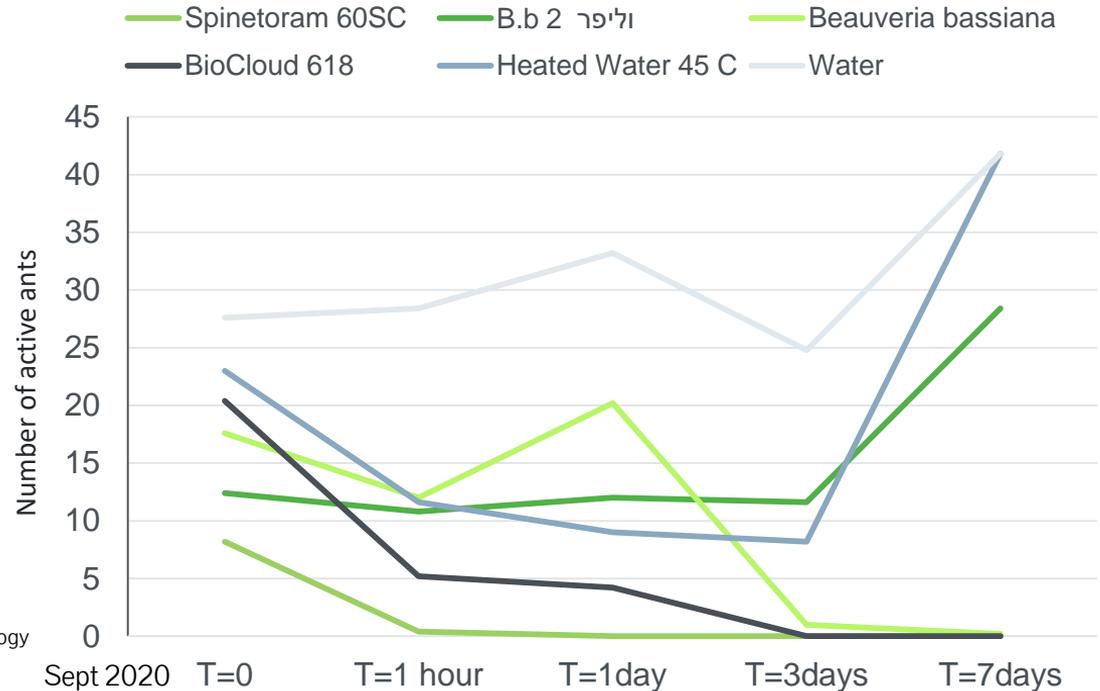
BioCloud 618 - 2 initial spray applications plus continual presence of slow-release formulation
Commercial - 3 spray applications



Source: Raz Dany – Agronomist Merom
Golan Field Crops Team

Good Control of *Wasmannia auropunctata* (little fire ants)

Dip treatments of the soil of flowerpots planted with succulents and infested with ant colonies (food & water supplied) (Biocloud 60 sec dip, Others 15 sec dip)

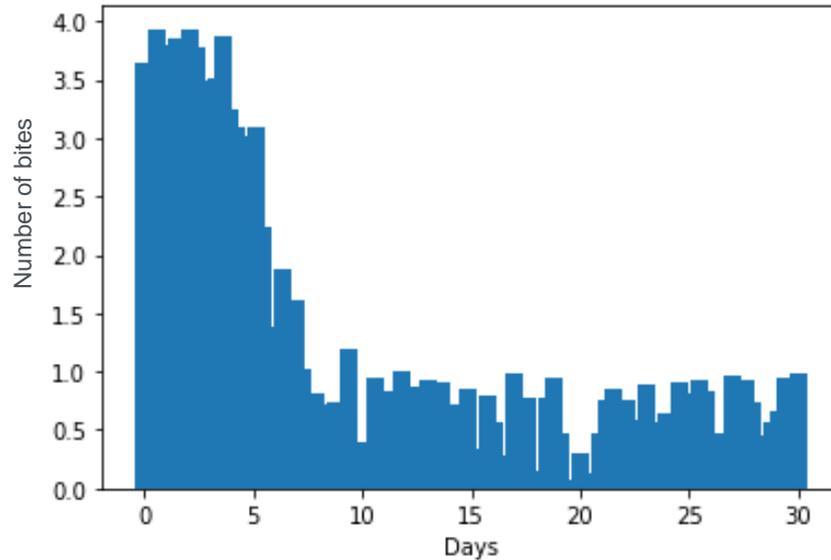


Source: Dr. Gilad Ben Zvi & Carmel Harold
The Entomological Laboratory for Applied Ecology
Steinhardt Natural History Museum,
Tel Aviv University



BioCloud 618 Experiment – Mosquitoes Repellent

An experiment conducted in the homes of 38 families in Kfar Saba, Hod Hasharon, Moshavim Drom Hasharon, Raanana and Ramat Gan



- 3-4 – Many bites
- 2-3 – Medium level of bites
- 1-2 – Few bites
- 0.0-1.0 – No bites

Experiment conducted by Danny Amir and the BioCloud team, the Kfar Saba Economic Society the Innovation Division and in collaboration with Sharon Environmental Unit
Conducted in May-June 2020
Execution of a computerized reporting system and data processing - Yuval Nitzav





Additional pests controlled

- *Thrips tabaci* – Onion thrips
- Spider mites