



Safe organic insecticides

Limor Zur-Stoller
Chief Executive Officer

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Vision

BioCloud will provide the next generation of safe, herbal-based organic insect repellents for healthier farming and living.

Consumers want “green”, safe and healthier products

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

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

There is a need for solutions to control and/or treat diseases transmitted by insects

The Need

Mosquito bites can cause:

- Various diseases such as yellow fever, dengue, West Nile virus, malaria and affinity virus which are responsible for many deaths around the world.
- There is an increase in mortality from mosquito bites

Little Red Ant bites can cause:

- Severe allergic reactions Severe chest pain, nausea, severe sweating, loss of breathing, severe swelling and slurred speech, damage to the endocrine system
- Can be fatal if left untreated



The Product



- The product, BioCloud618 is “green” and safe
- Based on active ingredients extracted from plants. These are combined with an innovative, polymer-based preparation for slow release
- High efficiency of insect control - over 80-90%
- The product is in biodegradable cardboard cup that comes with a lid. Remove the lid and place on the ground. Future developments will include the use of a spray or fogger
- There is a continuous and slow release of the volatile active substances into the air that is safe for human health in contrast to conventional chemical solutions
- One cup is sufficient for 800-1000 hours, the cost-of-material ratio to operating time is low compared to market products



- Mosquito repellent
- Little Red Ant control

BioCloud's unique next generation insecticides

- Products safer
- Works right through to market
- Extremely easy to use

Natural ingredients



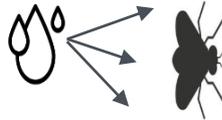
Plant extracts



Highly volatile ingredients



Repel & control



Easy application



Slow release formulation



Residue free



Method of application

—○ Vapour



—○ Fogger

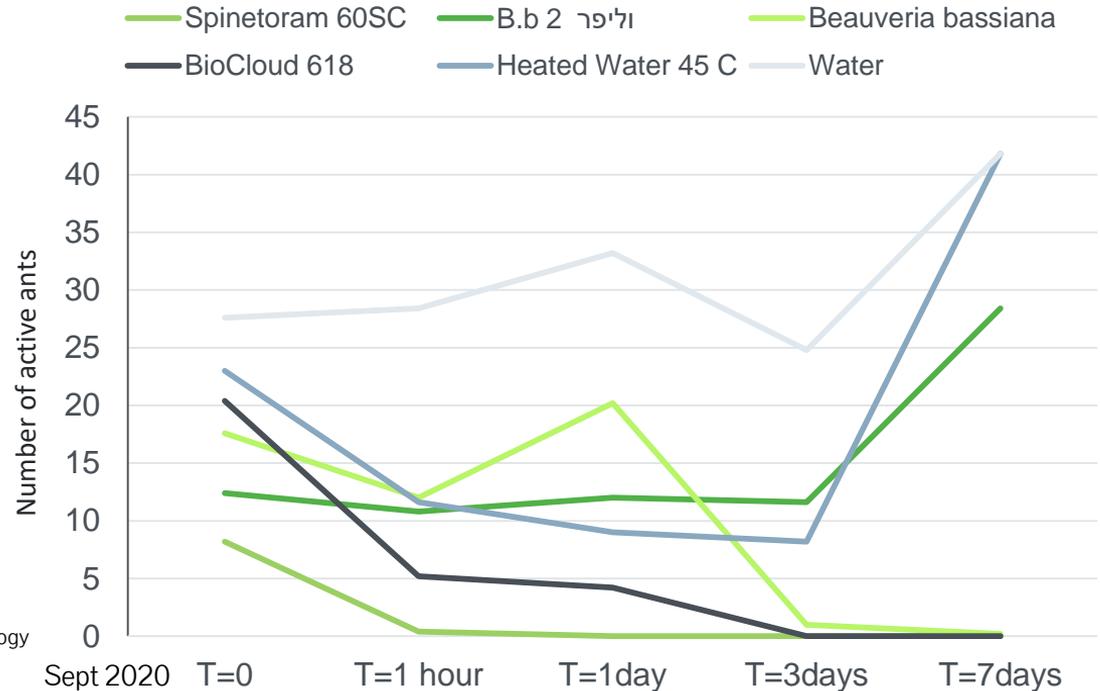


—○ Spraying



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)

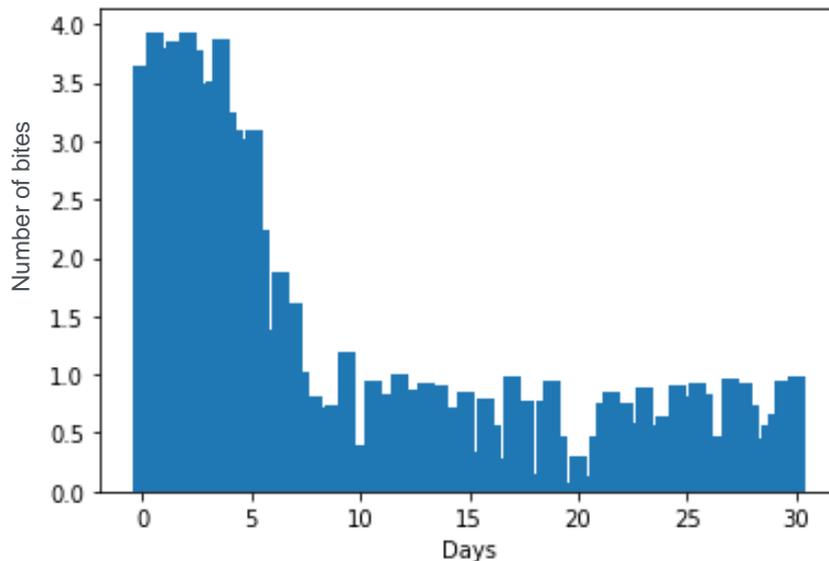


Source: Dr. Gilad Ben Zvi & Carmel Harold
The Entomological Laboratory for Applied Ecology
Steinhardt Natural History Museum,
Tel Aviv University



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

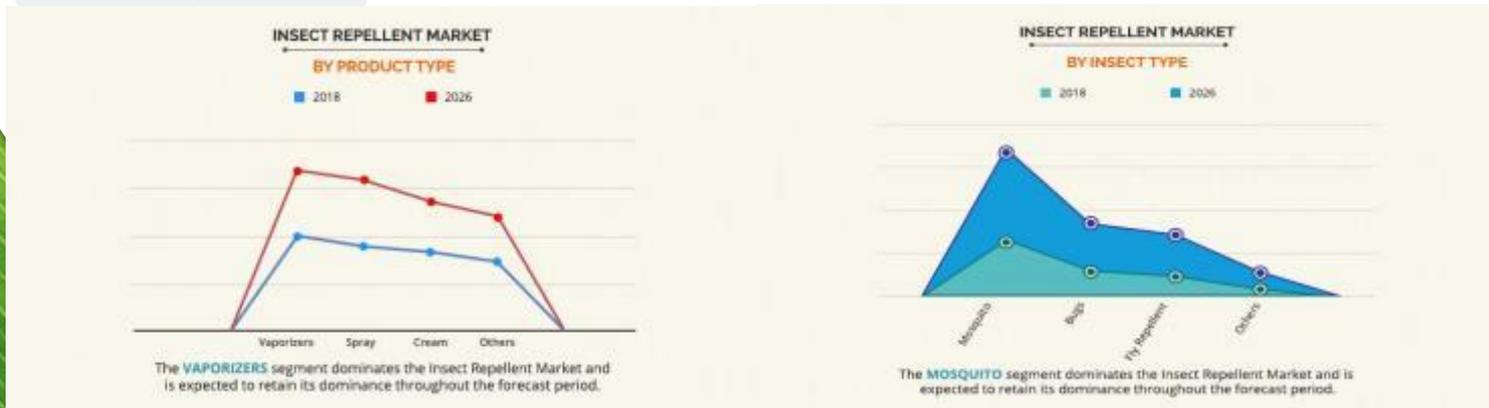
0.0-1.0 – No bites

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



Insect Repellent Market



Market size US\$ 5.6B expected to reach US\$ 9.6B by 2026

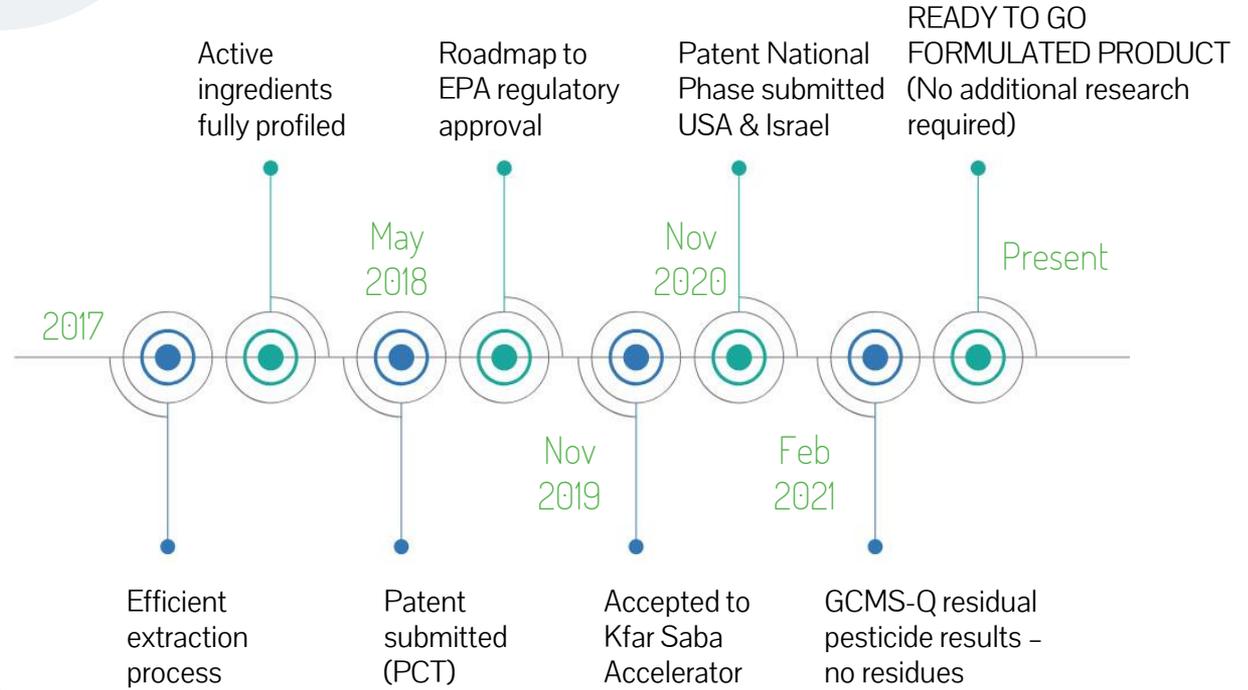
The rise in awareness of the need for insect repellents, especially in rural areas, is expected to drive the insect repellent market. In addition, the development of commercial repellent products containing herbal ingredients has gained increasing popularity among consumers, as they are generally perceived as "safe" compared to chemical repellent preparations. In 2018 vaporizers were the leading preparation and they are expected to maintain their dominance. Vaporizers help reduce insect counts and usually contains plants.



Patent

- PCT/IB2019/053744 filed on May 7, 2018. National Phase filed in November 2020 in USA and Israel
- Patent on the formula, on the process of the molecules, on the integration and ratio of molecules in the formulation and on the production process
- The company is working on a patent for the formulation - the exact composition of each molecule

BioCloud 618 – progress to date





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!



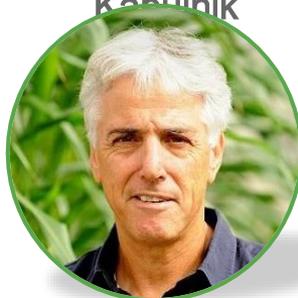
Advisory Board

**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
Kanulnik**



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.

Reactions from users

- ✓ <https://youtu.be/Xdkut8RPmuk>
- ✓ <https://youtu.be/WaoScDQwTx0>
- ✓ https://youtu.be/8wa6o_0HlpE
- ✓ https://youtu.be/f_j8DCogdNI
- ✓ <https://youtu.be/YzE2YqtTVEU>
- ✓ <https://youtu.be/Uyfo-NAjnv8>
- ✓ <https://youtu.be/H89gWj7uV00>



Thanks for
your attention!

ANY QUESTIONS?

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