

The Problem:

Growing global population, climate change, regulatory and customer pressure, lack of solutions, pest resistance, 30-45% agricultural produce loss, \$940B loss per year.

Our Solution:

dsRNA spray induced gene suppression (SIGS) applications with proprietary encapsulation mechanisms for controlled release and protection of the dsRNA construct.

The Market:

Tapping into the \$20B global fungicide market

Collaboration:

Multiple top tier prospective partners in ongoing discussion (currently undisclosed)

Go-to-market:

1st stage – Market validation for 1st product with farmer cooperatives and packaging houses.

Omerna Biosolutions Ltd.
(Formerly HarvestR)

-Confidential-

2nd stage – B2B/B2B2C mix through mid size agrichemical producers/distributors for regulation & distribution.

Who we are:

Omerna, founded in 2023, is an early-stage startup company specializing in the development of dsRNA based solutions for shelf life extension and crop protection in the agricultural markets.

Our partners:

Funded by the IIA and InNegev incubator, Omerna commercialized the technology, developed by Dr. Noam Alkan and Prof. Robert Fluhr from the Volcani and Weizmann Institutes (respectively). Raised \$1.2M.



Where we are:

R&D phase, commercial scale pilots, high TRL, MVP

Our team:

CEO & Founder – Gal Admati



R&D manager & Co-founder – Dr. Yael Bar Lavan



Co-Founder– Dr. Noam Alkan



Co-founder – Prof. Robert Fluhr



Contact us:

