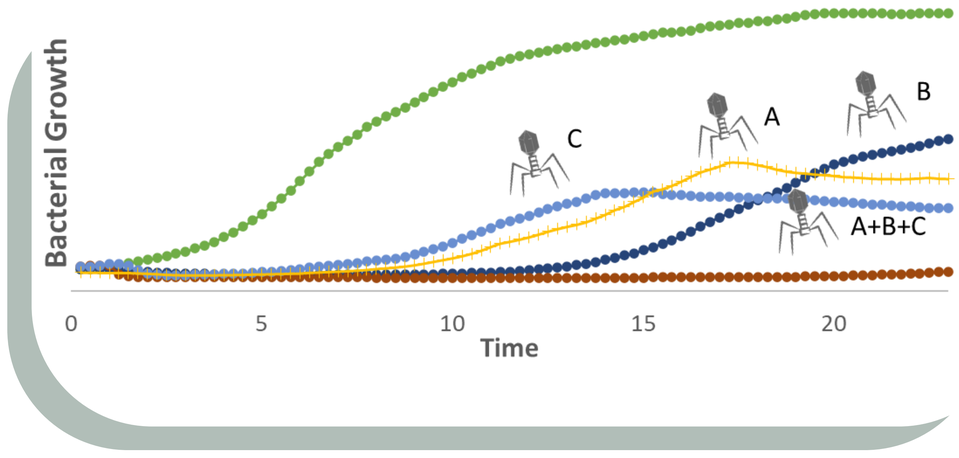
EcoPhage
Natural Crop Protection

# DEVELOPING BACTERIOPHAGES-BASED BIOPESTICIDES TO CONTROL BACTERIAL DISEASES IN AGRICULTURE

## PRODUCT DEVELOPMENT PIPELINE

### STEP 1:

**SELECTING BACTERIOPHAGES WITH COMPLEMENTING ACTIVITY**
Quantified reduction in bacterial resistance, a critical metric in evaluating the efficacy of our bacteriophage-based products.




### STEP 2:

**ASSESSING EFFECTIVENESS TOWARDS STRAINS OF IMPORTANCE**
An illustrative depiction of our bacteriophage's host range, highlighting the specificity of these viral agents in targeting plant pathogens

| | A | B | C | D | E |
|---|---|---|---|---|---|
| Pseudomonas | | | | | |
| Xanthomonas | | | | | |
| Pseudomonas | | | | | |
| Xanthomonas | | | | | |
| Pseudomonas | | | | | |
| Xanthomonas | | | | | |
| Pseudomonas | | | | | |
| Xanthomonas | | | | | |
| Pseudomonas | | | | | |

## OUR TECHNOLOGY

Ecophage's products are based on our proprietary technological platform, developed by Professor Rotem Sorek from the Weizmann Institute of Science, known for his ground-breaking research on the interactions between bacteria and bacteriophages. His research / IP is being successfully commercialized in different domains **with proven success in clinical trials.**

EcoPhage | we use these interactions and transform them to **efficient bactericides with long lasting stability to bacterial resistance.**

### STEP 3:

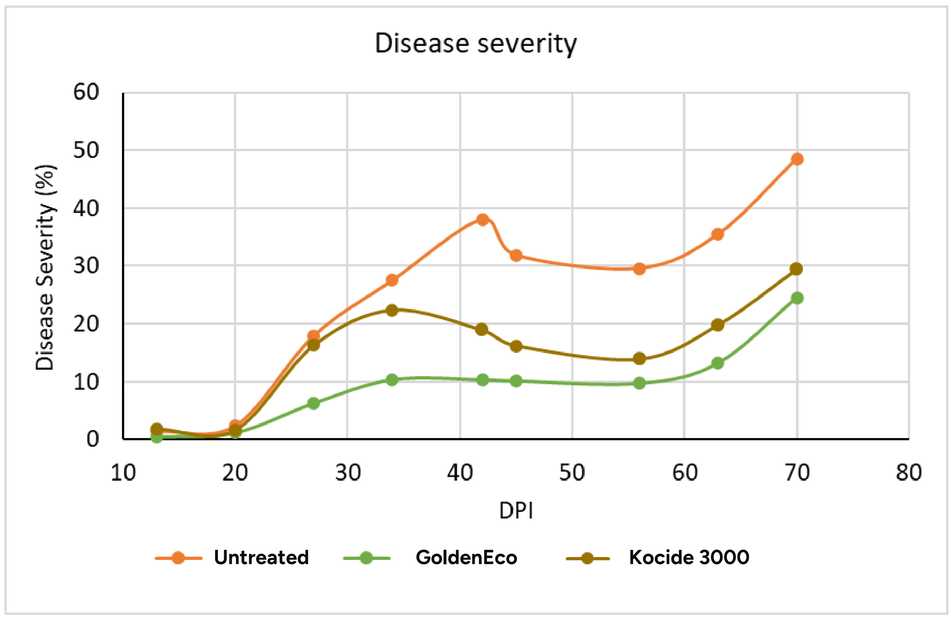
**VALIDATING EFFICACY IN-PLANTA IN CONTROLLED CONDITIONS**
Comparable images of treated plants (with commercial product and our product) and untreated plants, demonstrating the tangible improvement in plant health and reduction of disease achieved using our product


## PRODUCTS IN DEVELOPMENT


*** The labels are temporary and subject to regulatory approval

### STEP 4:

**FIELD TRIALS IN REGIONS WITH TARGET MARKETS**
Comprehensive graph summarizing the results of recent field trials, providing data-driven insights into the effectiveness of our bacteriophage solutions




## FUTURE DEVELOPMENT


BACTERIAL WILT

**Bacterial diseases in crops, with urgent need for innovative biopesticide solutions**


PIERCE'S DISEASE


BLACK ROT


CITRUS GREENING


BACTERIAL WILT


OQDS

EcoPhage