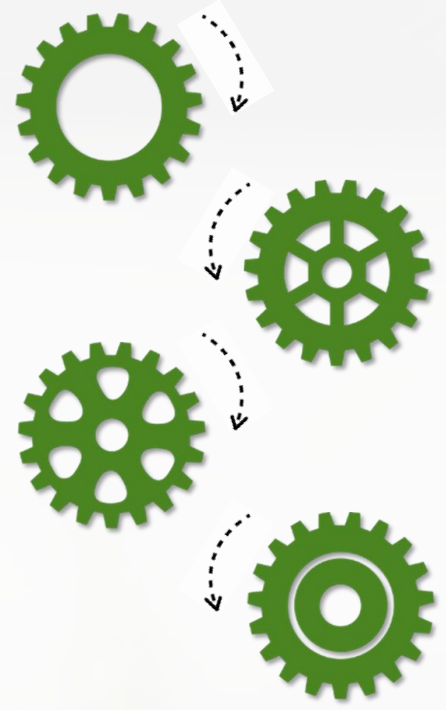




Since 2021

- 1 In-depth experience in plant molecular biology, biochemistry, physiology, biotechnology and pathology
- 2 Tailor-made services for evaluating plant performance in stress conditions
- 3 Disclosure of synergistic effects of synthetic, natural, nature-identical or nature-similar pesticides, repellents, inducers of resistance, beneficial organisms, formulations and genetic backgrounds
- 4 Development of proprietary technologies and identification of molecules and organisms with plant health-promoting activity

Services



Priming-active molecules
Beneficial organisms
Antimicrobials & Repellents
Formulations
Genetic resources
Synergism

Biotic Stress

Abiotic Stress

Fungi, oomycetes,
bacteria, viruses,
insects

Elicitors, toxins

Drought, heat, cold,
nutrient deficiency

Corn
Oilseed rape
Parsley
Soybean
Sugar Beet
Sunflower
Tobacco
Tomato
Wheat

Whole plant

Organ

Cell

Lab

Field*

Molecular

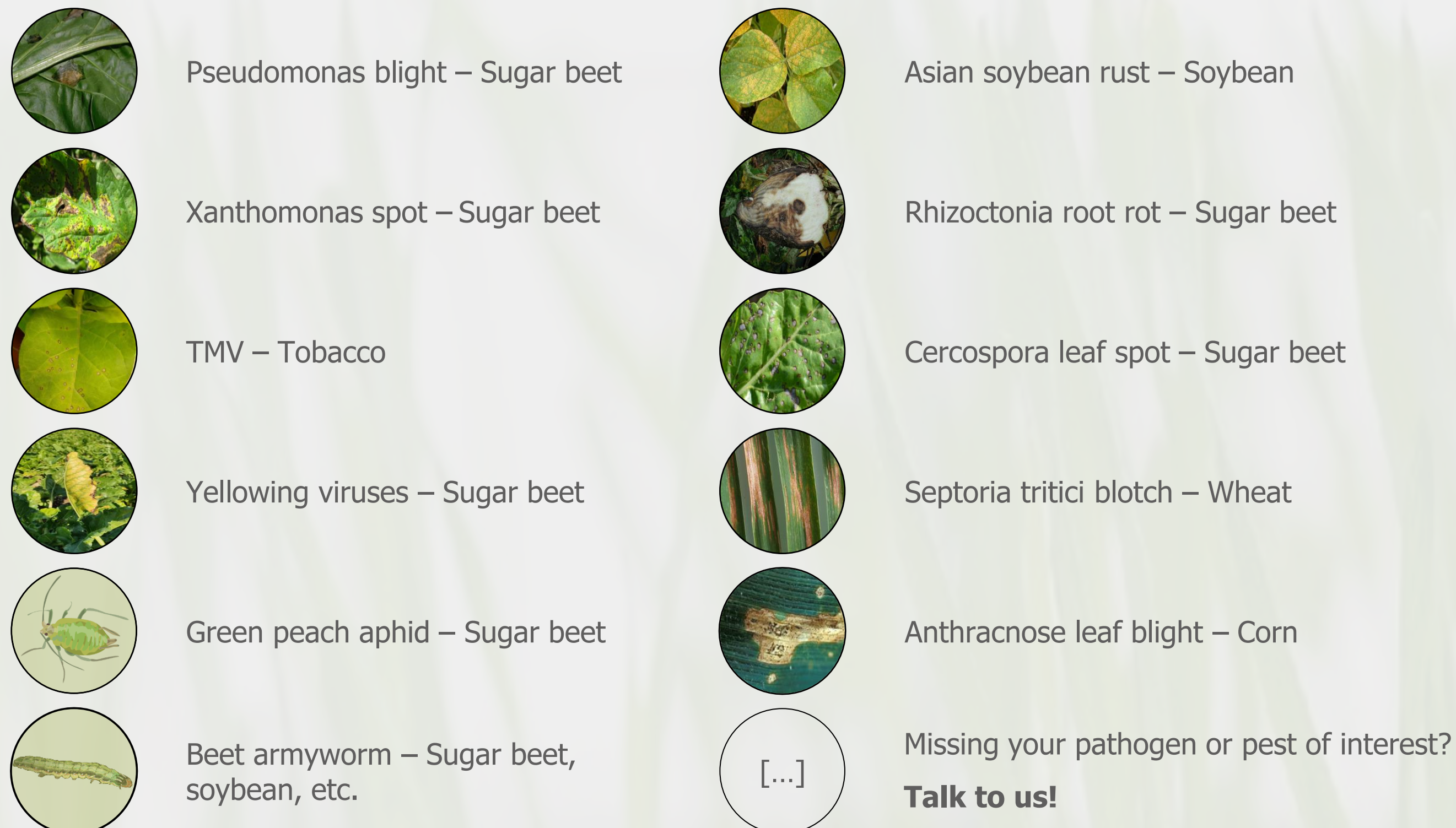
Physiological

Microscopic

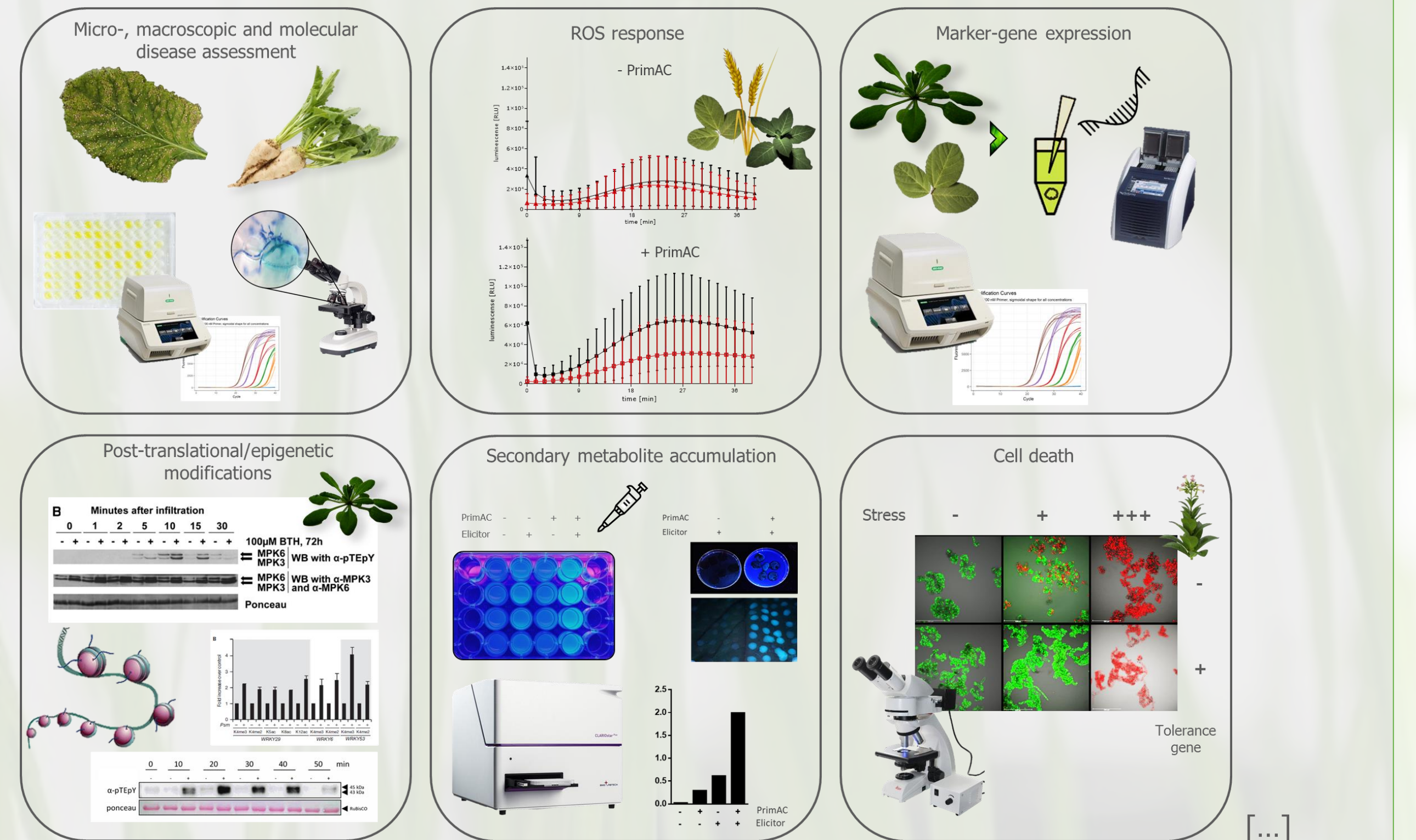
Macroscopic

*2023

Pathosystems

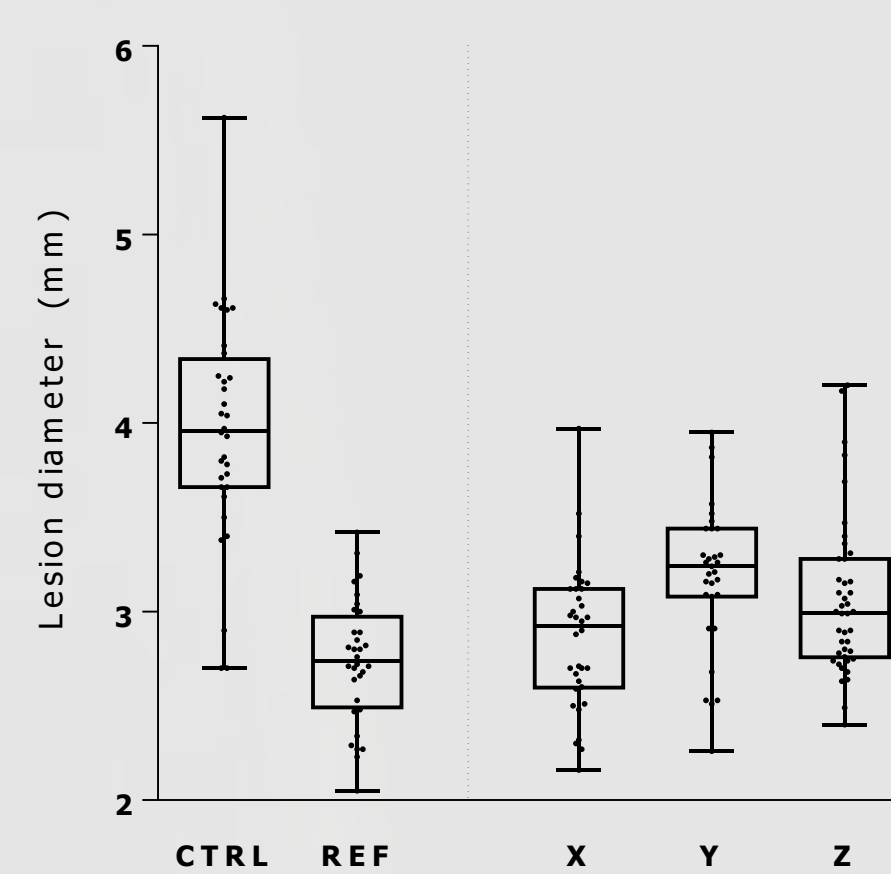
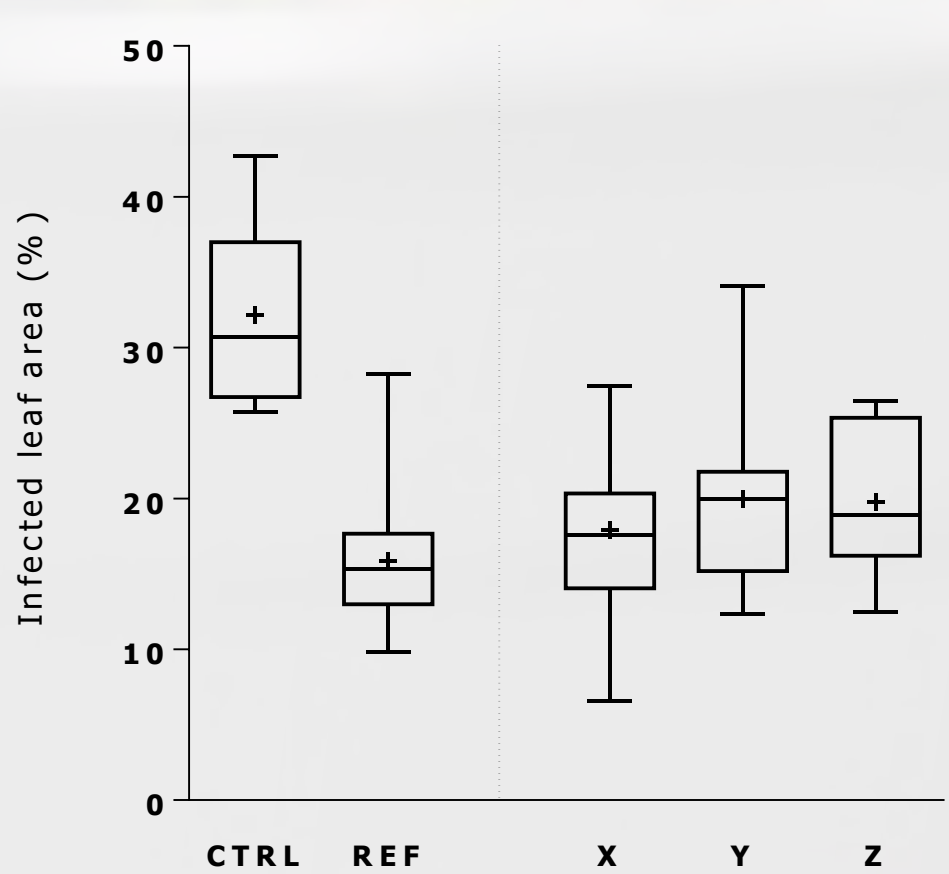
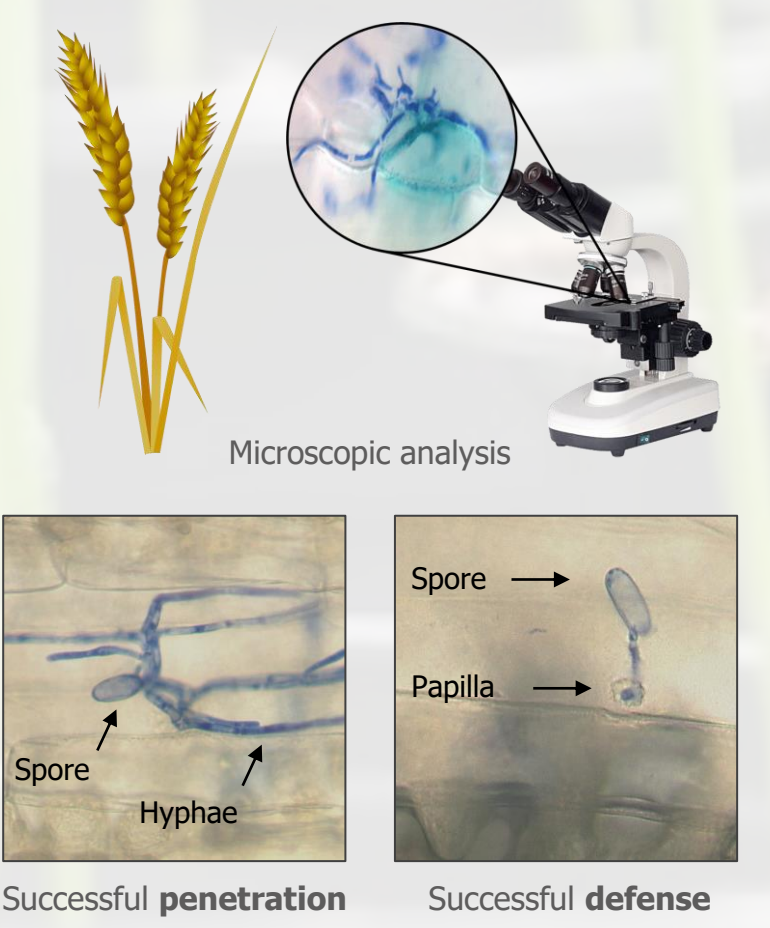
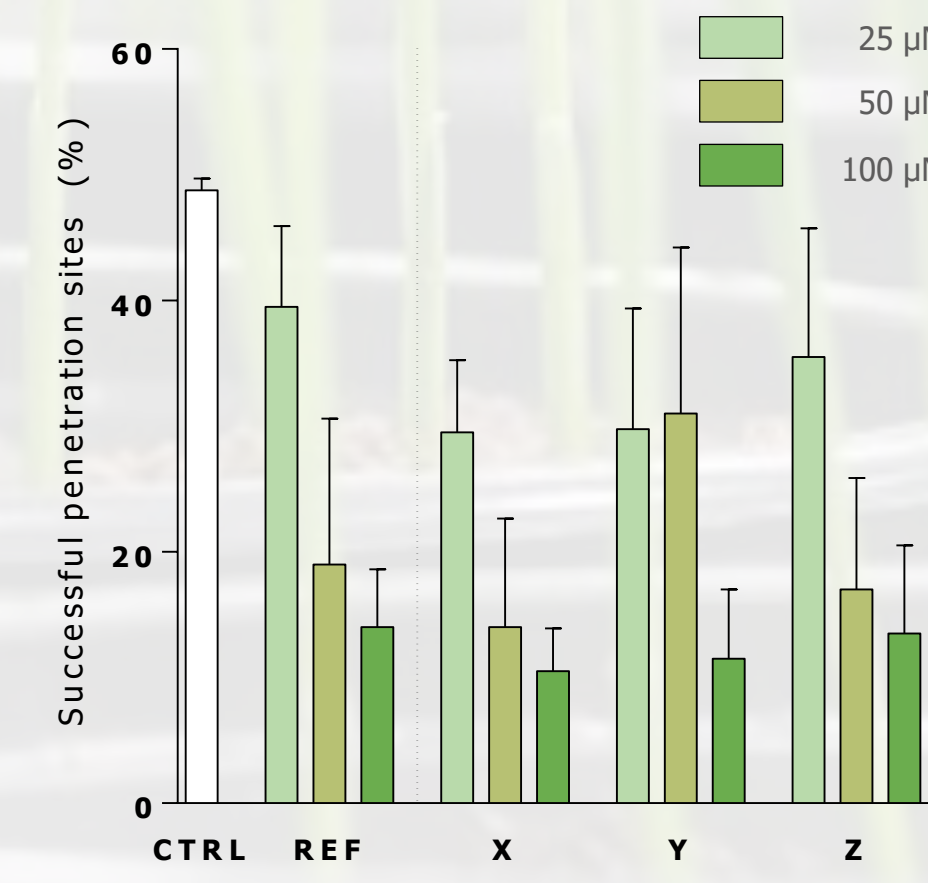
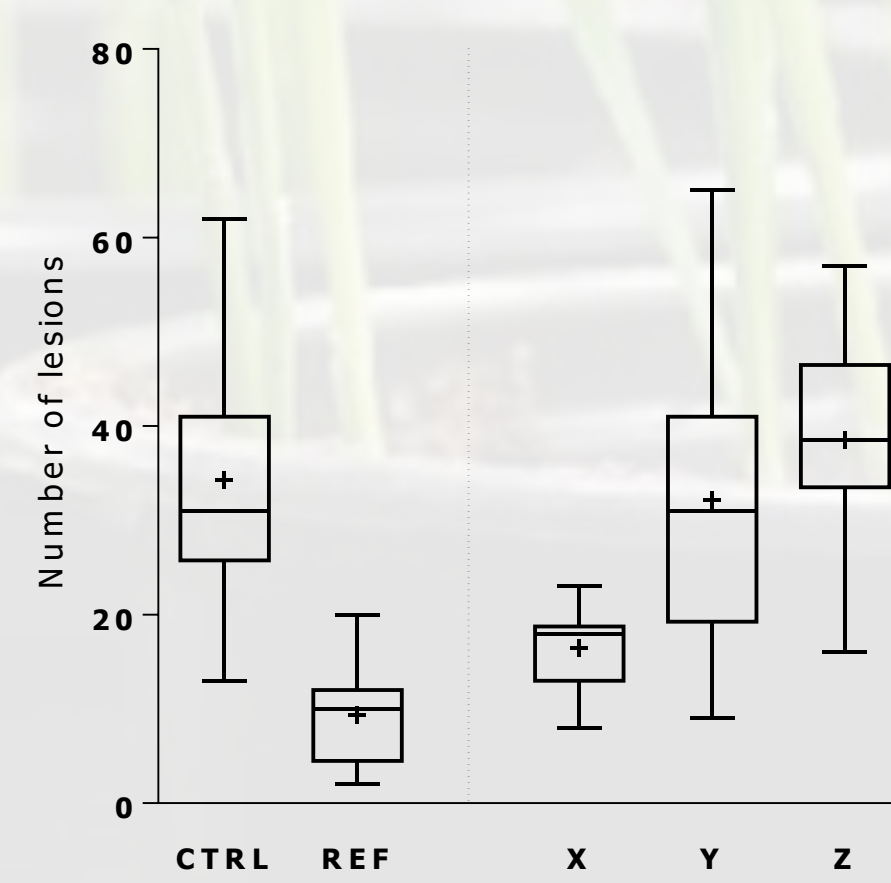
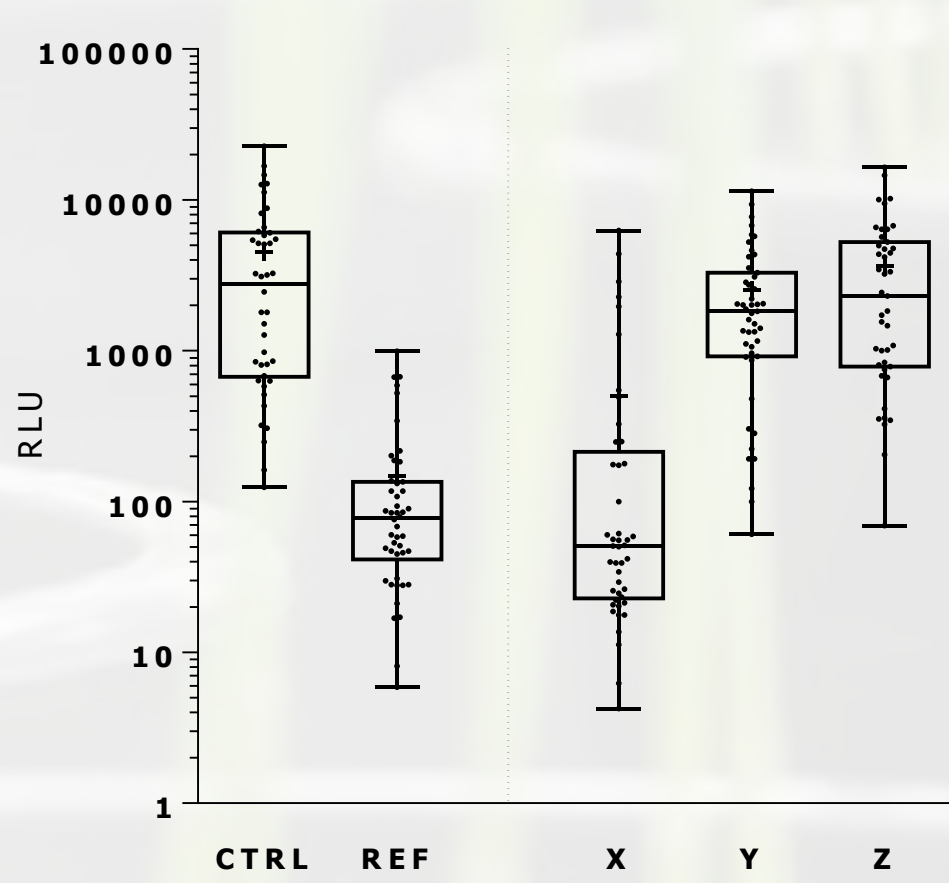


Readouts



Research & Development

AgPrime's nature-similar molecule X primes plants for enhanced defense and protects from bacterial, fungal and viral diseases



We focus on identification of priming-active molecules that strengthen the plant immune system from within. Primed plants respond faster and more robust to biotic and abiotic stresses and are they are more resilient to environmental challenges.

Within our portfolio of priming-active substances, the nature-similar molecule X competes with a commercial reference product. When applied via soil drenching, molecule X protects crops from a broad spectrum of relevant diseases - even without optimization and specific formulation. [CTRL= neg. control; REF= reference product; Y and Z= derivatives of molecule X]

