

# Biotechnology Innovation: First Product Featuring Biotrained Bacteria



The first solution for agriculture that uses  
biotrained microorganisms



## Team

**Federico Wajnerman** (CEO)

**Paula Vincent** (COO)

**Ricardo de Cristobal** (CSO)

**Sandra Durman** (CINO)

**Conrado Adler** (CTO)

### Collaborate with us:

Agribusiness companies,  
Investors and farmers who  
want to lead the change.

### Contact

Federico Wajnerman  
[fw@m4life.bio](mailto:fw@m4life.bio) +5411 22521954  
[LinkedIn](#) m4lifeok

## The Future of Agriculture is BIOTRAINING

Traditional agriculture is in crisis: degraded soils, dependence on chemicals and massive deforestation.

At **M4Life**, we believe in a world where more can be produced without compromising the planet. That's why we developed and patented the technology of bacterial **biotraining**, to boost crop growth efficiently and naturally.

### Our Innovation


**Biotraining:** laboratory-based process that improves the effect and competitiveness of bacteria.


**More yield, less impact:** we increase productivity without the need to expand cropland borders.


**Real sustainability:** we benefit the soil microbiota, increase organic matter and carbon capture..


### Our biostimulants: Bio.R and Bio.C


*Liquid products for seed treatment.*


 **Soybean:** +14% yield, +60% nodulation, +20% protein

 **Wheat:** +17% yield, +20% protein

 **Maize:** +60% biomass.

 **Sunflower:** +10% yield, +9% lipids

 **Soil:** +Organic matter, +Microbial diversity

 **Laboratory:** Validation of maternal effect on vigor and germination rate of the harvested seeds.

### Next products

**Bioherbicide:** weed control without environmental impact.

**Metabolite-based products:** an innovative line of products from the biotraining process.

We want to drive the revolution of **new agriculture**  
Because at **M4Life** we don't just develop products, **we create a movement.**  
We believe In a future where agriculture is part of the **solution** for the planet.