



Our Solution

We develop a **New Generation of biologicals that combine microbiology and Biogenic Selenium Nanoparticles** to achieve non-toxic products with multiple benefits. Our products biofortify food while increasing crop yields and replacing multiple agrochemicals (fungicides, fertilizers and/or phytostimulants) with a single product..

The Problem

The world's population and demand for food are increasing every year. The necessary increase in food production is achieved through the use of agrochemicals. Agrochemicals have a negative impact on the environment and human health, making their use unsustainable. Furthermore, due to intensive land use, micronutrients are deficient in the soil and therefore in the human diet.

It is essential to **provide biological products that are capable of replacing agrochemicals, and also to biofortify soils and food products** to provide the necessary micronutrients in a non-toxic way that **increases yields and reduces costs for producers.**

Competitive Advantages

Our technological platform develops **100% organic products that improve crop yields** (+30% or more depending on the crop), **reduce production times** by 15 to 22%, which means more harvests per season, **control pathogens and increase the nutritional values** of the plant, contributing to human health.

Being an **All-in-one** product, it reduces production costs without complicating agronomic management. Today we have two **MVPs**, one to increase yields in fruit and vegetable production and another for biocontrol in fruit production. Both products are liquid formulations with scaling tests (200 liters) and trials in micro-plots set up in western Chubut.

Market Outlook

The global biofertilizers market size was valued at USD 7.83 billion in 2023. It is projected to grow to **USD 15.9 billion by 2028 (CAGR 15.2%)** (Source: Mordor Intelligence)

The Team

Osvaldo Armani - Founder & CEO 



Extensive track record in executive management, business development and markets, with experience in finance in both Argentina and Latin America

Micaela Pescuma- CIO 



Expert in functional foods and in the production of selenium nanoparticles for biofortification of foods and crops

Omar F. Ordoñez - COO 



Expert in environmental microbiology of extreme environments, bioremediation of heavy metals and biogenic nanoparticles for biotechnological uses

Jorge Ariel Marfetán - CSO 



Biotechnologist with vast experience in biological product development, patenting and product transfer to the private sector

Equipo de Asesores

- **Atilio Orihuela** - Agricultural engineer, MSc in agribusiness, more than 15 years of experience in the chemical and biological agricultural inputs market.
- **Juan Pablo Luna** - Open innovation and entrepreneurial development
- **Dario Codner** - Consultant in innovation and technology strategies

Roadmap (Next 18 months)

- Filing patent in Argentina and PCT
- Obtaining product on an industrial scale
- Obtaining SENASA registration
- Developing a commercial strategy in Argentina
- Developing a line of products for extensive crops