infira

Biotechnology · Agriculture · Environment

CONTACT

Renata Reinheimer

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CO-FOUNDERS

- Cecilia Arolfo* — COO
- Renata Reinheimer* — CSO
- María Victoria Nagel* — Business
- Carolina Bellino — Gene Editing
- Tomás Cassani — Field – Sustainability
- Natalia Theiler — Field – Production

*CO-FOUNDERS

CONSULTANTS

- Intellectual Property
- Agronomists (water & soil, crops, plant improvement, agricultural machinery)
- Farmers & Agricultural Consultants
- Finances & Legal

PREVIOUS INVESTMENTS

Founders	$2K
Aceleradora Litoral	$50K
Trust Fund VC Development	$100K
Grants	$200K
Business Angels	$2.3M

ALLIANCES

- Universidad Nacional del Litoral
- CONICET
- Aceleradora Litoral
- Parque Tecnológico del Litoral - SAPEM
- Cámara Argentina de Biotecnología
- Bolsa de Comercio de Rosario

Evolving the way we growth

A NEW SYSTEM IN AGRICULTURE. POWERED BY NATURE'S WISDOM

Infira uses genetic engineering to convert annual commercial crops into highly productive perennial versions in a single step — restoring soil, cutting waste, and lowering production costs.

Annual Crops
REPLANTED EVERY CYCLE

Annual agriculture resets plants and its roots system every season — full replanting, inputs and machinery each cycle.

Infira perennial
SAME PLANT, SAME ROOT, HARVEST AFTER HARVEST

Infira reactivates dormant perenniality genes so the same plant and root keeps producing, cycle after cycle.

Problem

~70% of the world's cropland grows annual species like rice, corn and wheat — replanted every year with heavy inputs and machinery. It's expensive, carbon-intensive, and doesn't protect soil or water.

Solution

Infira leverages inherent plant genetics so annual crops regrow after harvest, mimicking perennial resilience — fast to implement, high-productivity, elite genetics preserved, applicable across species.
IP protected since 2018 (6 countries + EU).

Technology

We study how plants evolved over millions of years to identify genes associated with valuable traits that were lost during domestication — most notably perenniality, the ability to live and produce for multiple years.

Our proprietary technology reactivates these dormant genetic programs directly in commercial crops, unlocking traits that conventional breeding left behind.

We are currently applying this approach to rice, soybean, alfalfa, sugarcane, and corn, extending crop life cycles while enhancing yield, resilience, and sustainability.

Rice · Soybean · Alfalfa · Sugarcane · Corn

Market

$14,47B
plant genetic market

7,9%
CAGR to 2028

TARGET MARKET BY CROP, ESTIMATED 2030:

Sugarcane	$257B
Corn	$166B
Soybean	$15B
Rice	$7.33B
Alfalfa	$1.35B

Revenue model (B2B)

01 / License at TRL 6
Once early development is ready, a license is granted to the client.

→

02 / Royalties
Infira earns royalties on sales of the end product — seeds or plant parts.