



seedmatriz

# Plan by Plant Agriculture

We are Seed Matrix, an agtech startup established in 2018 dedicated to developing cutting-edge technologies for extensive crop seeds.

## OUR ACHIEVEMENTS

- Industrial seed encapsulation technology.
- On field validation in Argentina & US.
- Fundraising rounds 1 & 2.
- Arch Grants award winners.
- Patent in Argentina & US.
- Commercial traction.
- Softlanding ST. Louis - MO.



**Federico Cola**  
CEO & Co-founder  
Agricultural Engineer

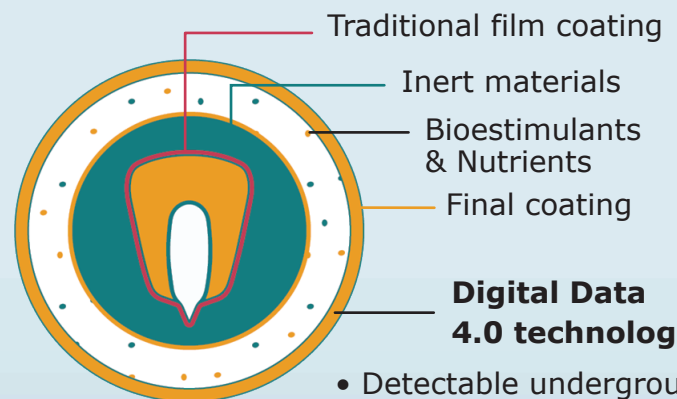


**Jorge Suino**  
CTO & Co-founder  
Electronic Engineer  
& MBA

## THE PROBLEM Film coating technologies

- DON'T improve size, weight and shape of seeds.
- DON'T improve planting quality.
- DON'T allow addition of significant enhancers.
- DON'T avoid phytotoxicity dangers of mixing ingredients.
- DON'T protect seeds from low soil temperature.
- DON'T avoid dust off.
- DON'T protect for excess lack of soil moisture.
- DON'T differentiate the product (commodity).

## THE SOLUTION Encapsulation Technology



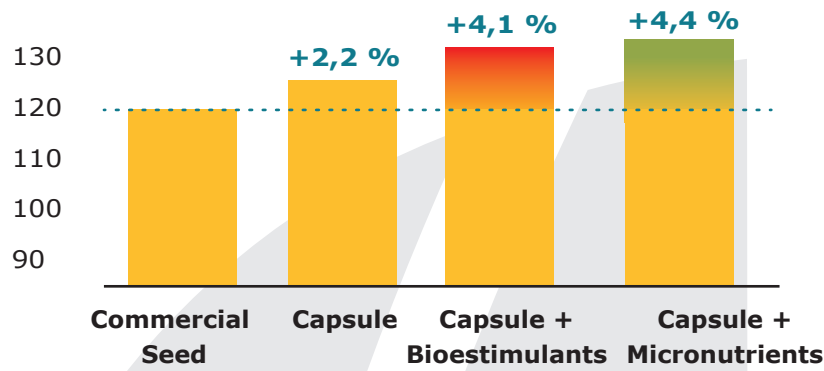
- Detectable underground
- Plant health information

**Proven in Argentina & US**



Yield  
(bu/ac)

## YIELD GAIN CAPSULE 2.0 Vs. CHECK



### VALUE ADDED TO THE INDUSTRY Seed Processing

- Improves efficiency in planting parental plants.
- Recover seeds with low weight or size.
- It provides differentiated technology.
- It is a platform to add technologies.
- Eliminates dust release.
- Extends the shelf life of seeds.
- RTU (Ready to use).
- Reduces the number of commercial sizes (Brazil – Argentina).
- Generates a new service for professional seed treaters.

### VALUE ADDED TO FARMERS Planting and crop management

- Improves the quality of planting and implantation.
- It allows more technologies to be incorporated into seeds.
- Reduces phytotoxicity from fertilizers and herbicides.
- Allows safe handling.
- Provides accurate and early information on crop health.
- Provides solutions for specific problems by seasons, regions and species.
- Generates information in real time during planting (distance and depth).

### A SUPERIOR AND DISRUPTIVE TECHNOLOGY Capsule 3.0 y 4.0

#### Agronomic management in real time

- Plant by Plant health remote monitoring.

#### Planting data in real time

- Seed detection underground in real time during planting.

#### Data collect

- Crop monitoring for agronomic management, marketplace, fintech.

#### Commercial chain expansion

- Traders, laboratories, advisors, banks, insurers, monitoring companies, among others.

- Real time data
- Satellites
- Drones
- Algorithms
- AI (Artificial Intelligence)
- IoT (Internet of Things)

### Fundraising 2024 - 3° Round USD 3M

Round: SAFE 18 month runway.

#### Application of round:

- Commercial growth (US-Brazil-Arg)
- R&D Capsule 3.0 & 4.0

### OUR MAIN AGREEMENTS

