

Food Systems Reinvented

Confidence in crops. Resilience in soils. Prosperity for farmers.



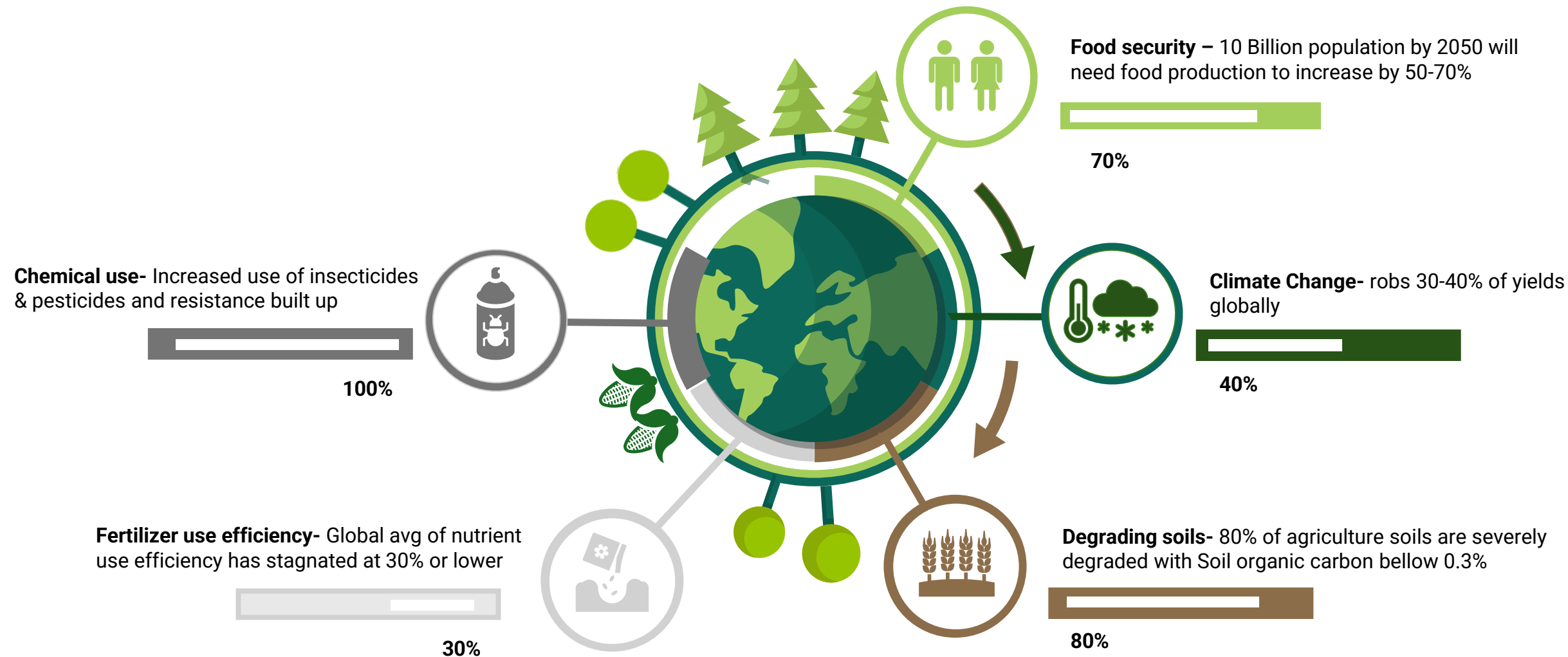
From Nature, For Nature. *Always...*



**We are not formulating products
we are engineering biological responses**

Nature holds the key to the future. Our core is centered around contributing to a healthier planet for generations to come. We work to unlock the nature's potential to discover solutions to humanity's most pressing challenges.

Challenges in Agriculture today



- The Opportunity is to Mainstream Biological Solutions.
- The Opportunity is to Accelerate Partnerships.
- The Opportunity is to Fast Track Commercialization.



- Biologicals Market to touch \$0.84 billion by 2030
- From \$0.4 billion in 2023, almost doubling in size
- Fertilizer guzzling crops to lead the adaption race.

Key Findings

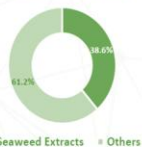
Seaweed extracts active ingredients accounted for around 38.58% of the India biostimulants market in 2022

India biostimulants market is projected to grow at a CAGR of 15.61% in the 2023-2030 period

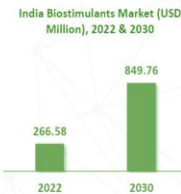
Row crops accounted for around 53.16% of the India biostimulants market in 2022

Rise in Government Support to the Development of Agricultural Biologicals to Result in Enhanced Market Performance

Active Ingredient Analysis of the India Biostimulants Market, 2022



India biostimulants market was valued at USD 266.58 million in 2022 and is projected to reach USD 849.76 million in 2030



Regional > ASIA/PACIFIC BIOSTIMULANT MARKET

ASIA/PACIFIC CAGR 2015 - 2025



ASIA/PACIFIC MARKET SHARES

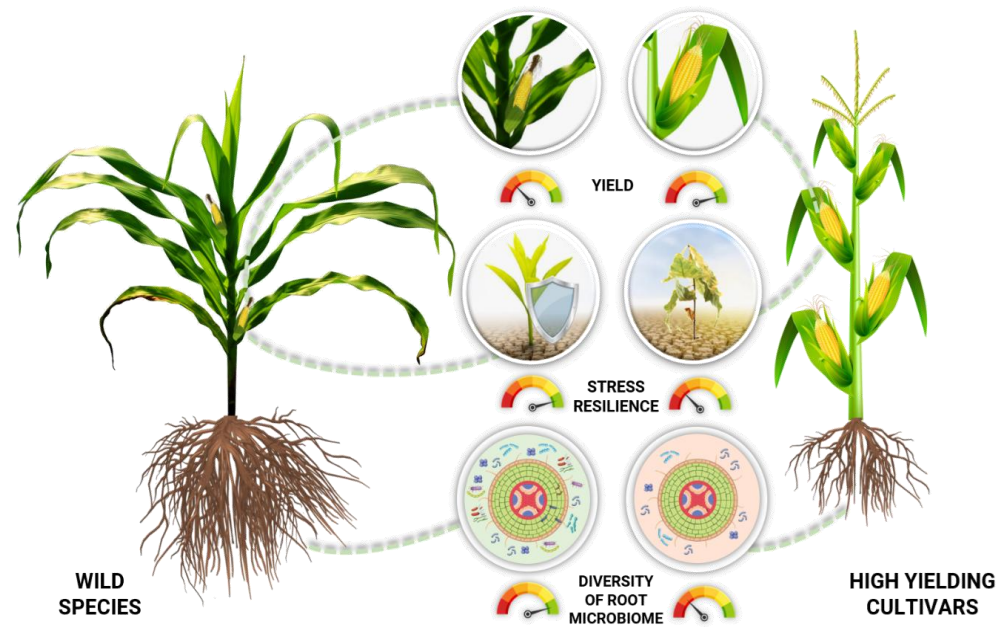


ASIA/PACIFIC MARKET VALUES (MN USD) 2015 - 2025

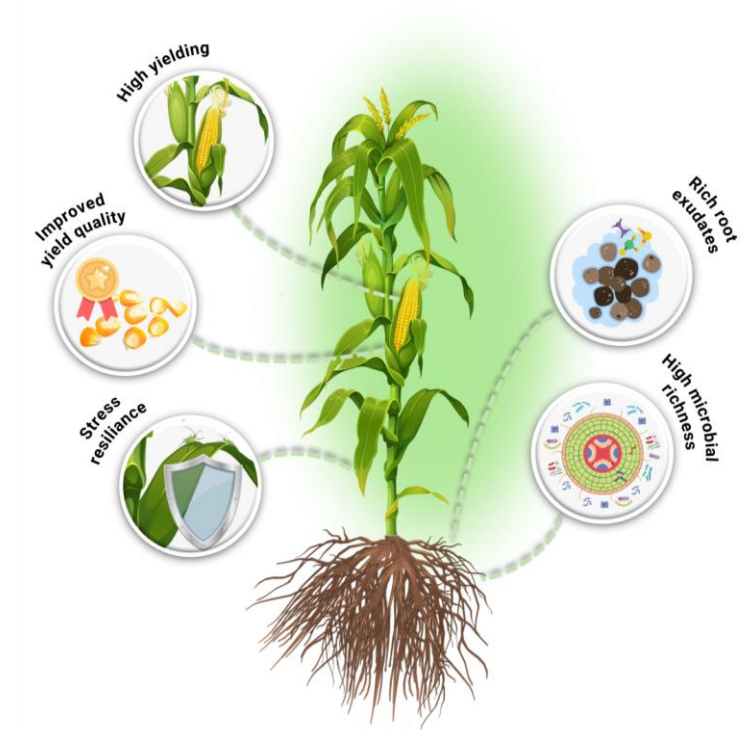


Have we made a bad trade off?

From Choosing between
ADAPTIBILITY Vs YIELD



To achieving
ADAPTIBILITY + YIELD



*Our Technology, Our Products & Our Impact ensures there is no trade off for a farmer.
Our farmers can attain YIELD along with ADAPTABILITY while ensuring sustainable soil health.*

What makes our Biology Bankable?



**50+ Years of R&D
experience**



**3 Patents
30 + Scientific
Papers & Journals**



**Recognized By Govt.
of India**



**SNIPR 1K Extracts screened
(Patented Screening System)**



**BioNexus . 18K Microbes.
(India's Largest Microbe Library)**

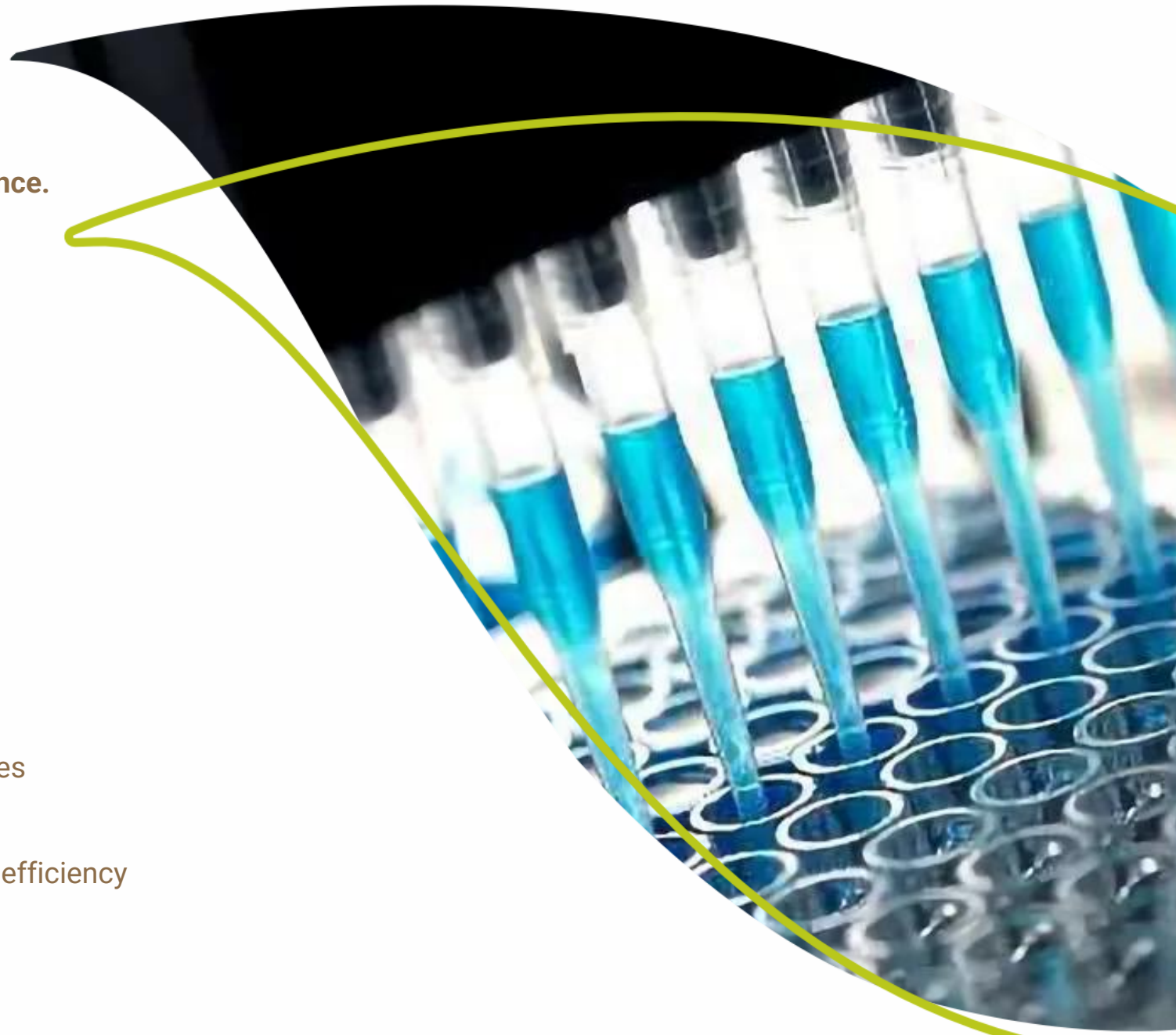
Unlocking novel bioactive molecules from nature's intelligence.



- 1000 + Plants
- 500 + Extracts
- 120 + Leads
- 16 Products commercialized

What makes it unique:

- Metabolomic screening to pinpoint functional bioactives
- Unmatched consistency, compatibility
- Proven ability to deliver climate resilience and nutrient efficiency





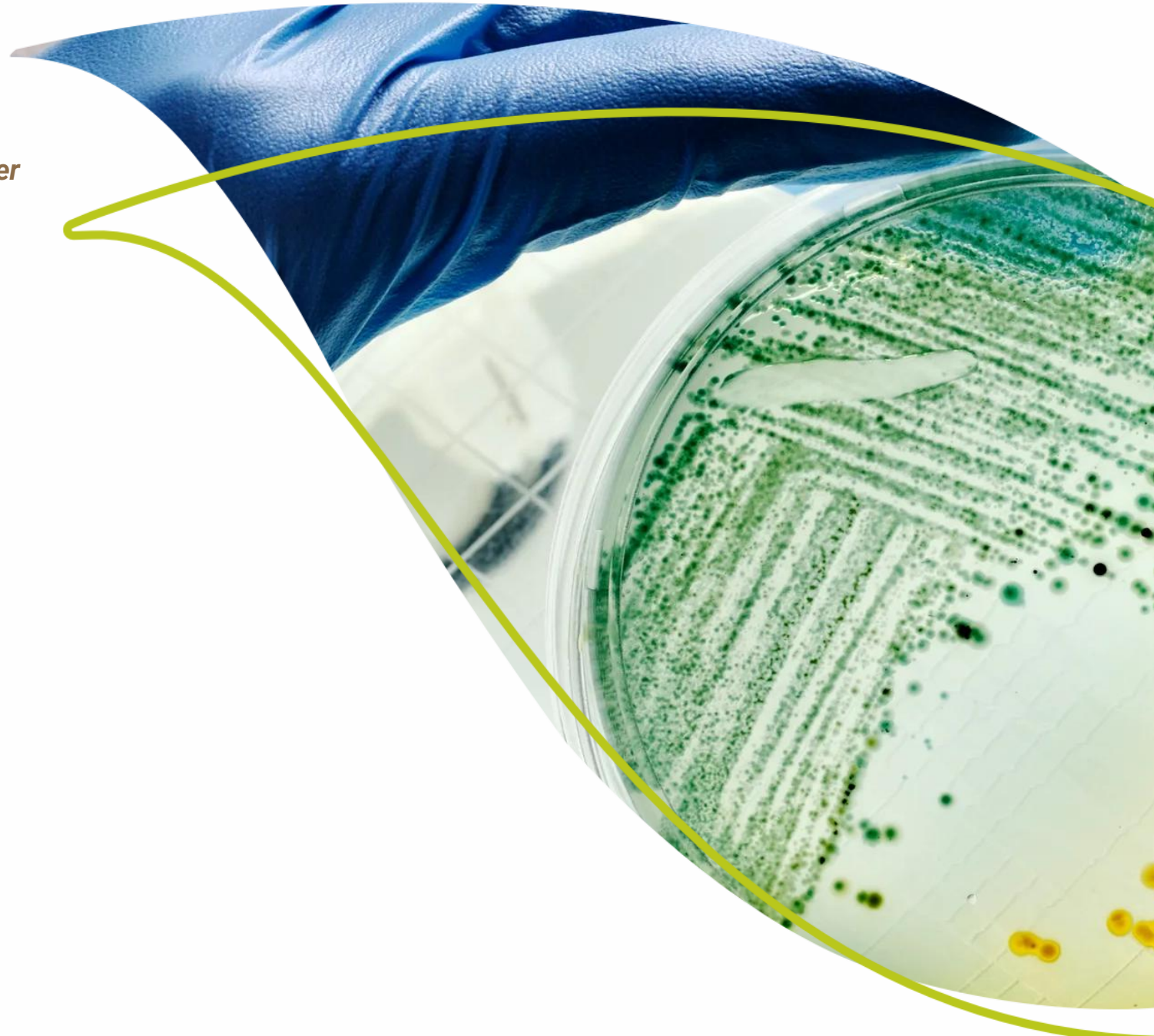
Harnessing India's largest functional microbial library to power crop performance.



- 18000 + Microbes
- 400 + Hot spots
- 172 + Leads
- 8 products

What makes it unique:

- Highly potent Functional strains
- Formulation innovation
- Rhizosphere competence niche occupancy



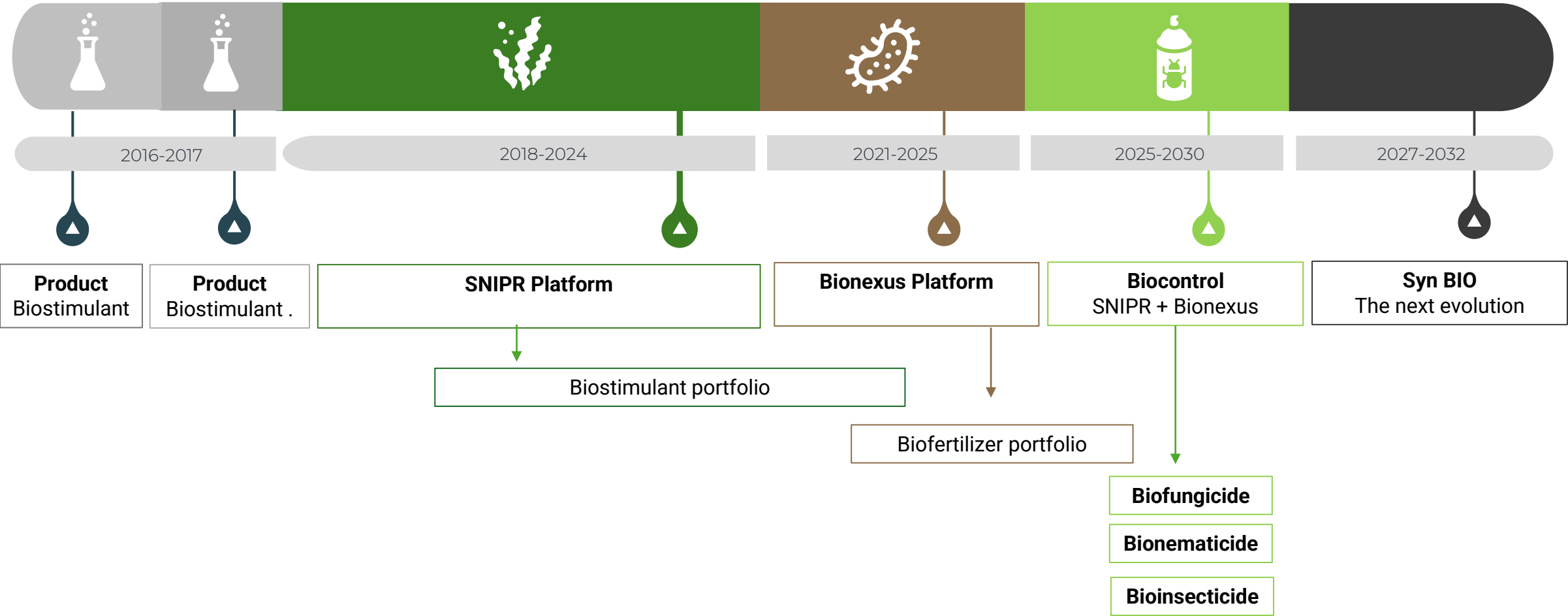
Sr.	Microbial genera	BioPrime strains	Representatives
01	Bacillus sp.	650+	<i>B. subtilis</i> , <i>B. megaterium</i> , <i>B. altitudinis</i> , <i>B. cereus</i> , <i>B. pumilus</i> , <i>B. licheniformis</i> , etc
02	Pseudomonas sp.	300+	<i>P. putida</i> , <i>P. aeruginosa</i> , <i>P. nitroreducens</i> , <i>P. oryzihabitans</i> , <i>P. fulva</i> , etc
03	Rhizobia group	250+	Rhizobium (Ensifer), Sinorhizobium, Mesorhizobium, Bradyrhizobium, etc
04	Streptomyces sp.	150+	Unidentified species of Streptomyces
05	Trichoderma group	50+	<i>T. harzianum</i> , <i>T. erinacium</i> , <i>T. asperellum</i> , etc



BioNexus : Microbial strains

Technology evolution timeline

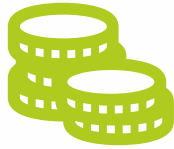
A scalable innovation engine that continuously transforms discovery into differentiated, value-added products



From Needle in the haystack- to Pinpointed solutions.



10X Faster



**Fraction of
cost**



**Incredibly low
failure rate**



**Signaling molecules-
precision & speed**



**Novel modes of
action
Novel strains**



**Sustainable Safe
non toxic**



State of Art Biodiscovery Facility



Biodiscovery labs dedicated to **isolation, characterization** and **screening** of novel molecules and microbes

On going discovery programs in **Fertilizer additives, Bio fungicides, Biological Seed treatment** and **product customizations**



From Innovation to Scale:



Robust R&D capabilities

- Patented high throughput screening system.
- 17000+ microbe library. 1500+ identified lead microbes.
- State of the art lab facility. Global standards. DSIR approved.



Institutional Partnership

- Long term partnerships for various products.
- Covers major ag. Zones across the country.
- Yara, OCP, DCM, Agrostar, DeHaat, ITC, IIL, Corteva, Rallis.



B2C in Clusters

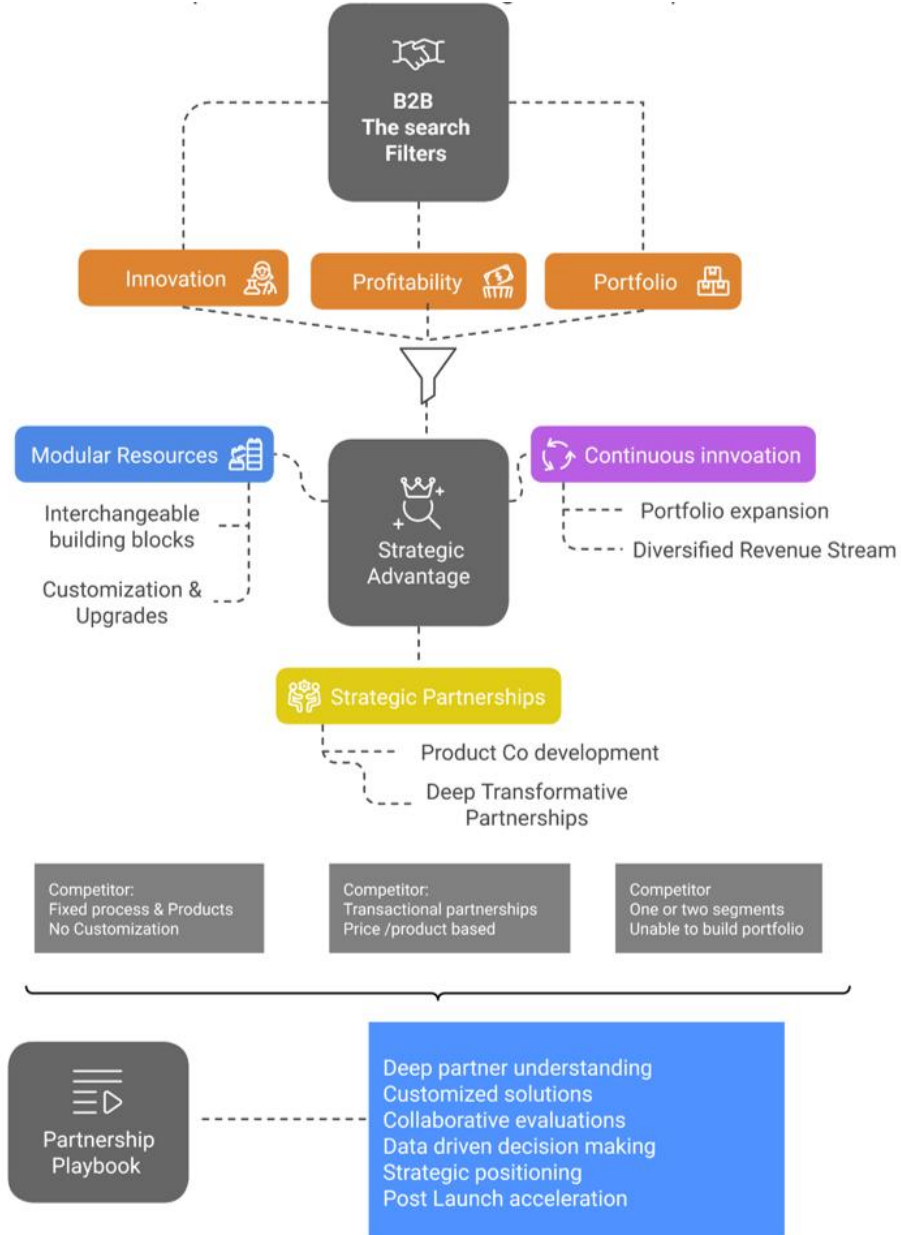
- Established proof of concept in intense crop clusters.
- 50% + growth in B2C on YOY.
- Replaced major players from retail shelf. Captured counter share.



Global Expansion

- 2024 launch in South-East Asia with Thai Wah.
- USA trials in final phases. Registrations by early 2025.
- University trials ongoing in Netherlands. Brazil to be initiated.

Modular Platform for Partner-Led Customization



- **Modular platform** enabling rapid, partner-specific product customization
- Co-creation of **tailored portfolios** across crops, regions, and applications
- **Faster go-to-market** with scalable, integration-ready solutions

SEED TREATMENT

SOIL ADDITIVES

SEAWEEDS

BOTANICAL
EXTRACTS

AMINO ACIDS

BIOFERTILIZERS

BIOCONTROL



1 product
Xseed



4 Product
**SoilJet, 1515
Tiger, Super
magix**



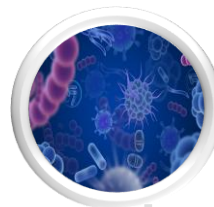
5 Products
**Fortisea,
Nutrisea,
Vitasea**



3 Products
**Admiron,
NutriMax,
Verdant**



1 Product
NutriPep



4 Product
**Bacteronexus
Phosphonexus,
BlossomK nexus
Zniconexus**



3 Product
**TricoNexus,
Bacillus.
Pseudomonas**

Combination
7525, CG Pro

Proven Field Performance Across Crops

Consistent biological performance validated across multiple geographies and crop systems

Segment	Performance Impact
Vegetables	20–25% yield improvement
Horticulture	15–20% yield improvement
Shelf Life Enhancement	+3–4 days post-harvest
Field Success Rate	>90% successful field performance

Strong Farmer Stickiness & Product Adoption

Metric	Performance
Farmer Repeat Adoption	50–60%
Cross-Sell Adoption	multiple products
Usage Frequency	Multiple applications of flagship products within a single season

Attractive Farmer Economics

Metric	Impact
Cost per Acre / Season	₹2,000 – ₹5,000
Farmer ROI	4–8x return
Export Produce ROI	10–12x return

Retail & Distribution Presence

- Active across:
 - **Maharashtra**
 - **Uttar Pradesh**
 - **Telangana**
- Presence across **500+** retailer counters

Strategic Industry Partnerships

- Corteva
- Mosaic
- ICL
- Yara
- DCM Shriram
- Insecticides India Limited
- Jubilant
- JU

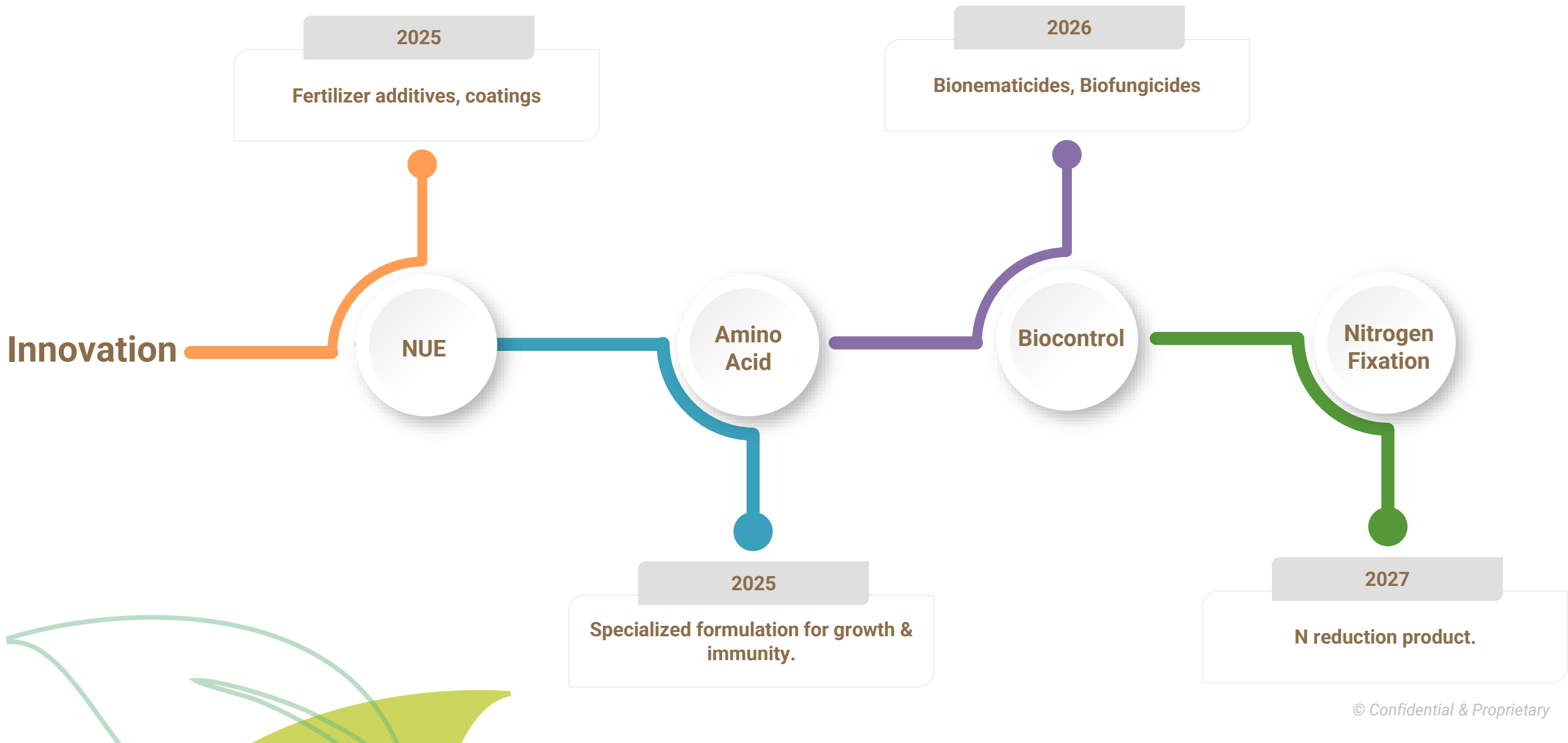
BioPrime is demonstrating strong early signals of platform-scale adoption across performance, economics, and strategic industry relevance.

Why BioPrime Wins

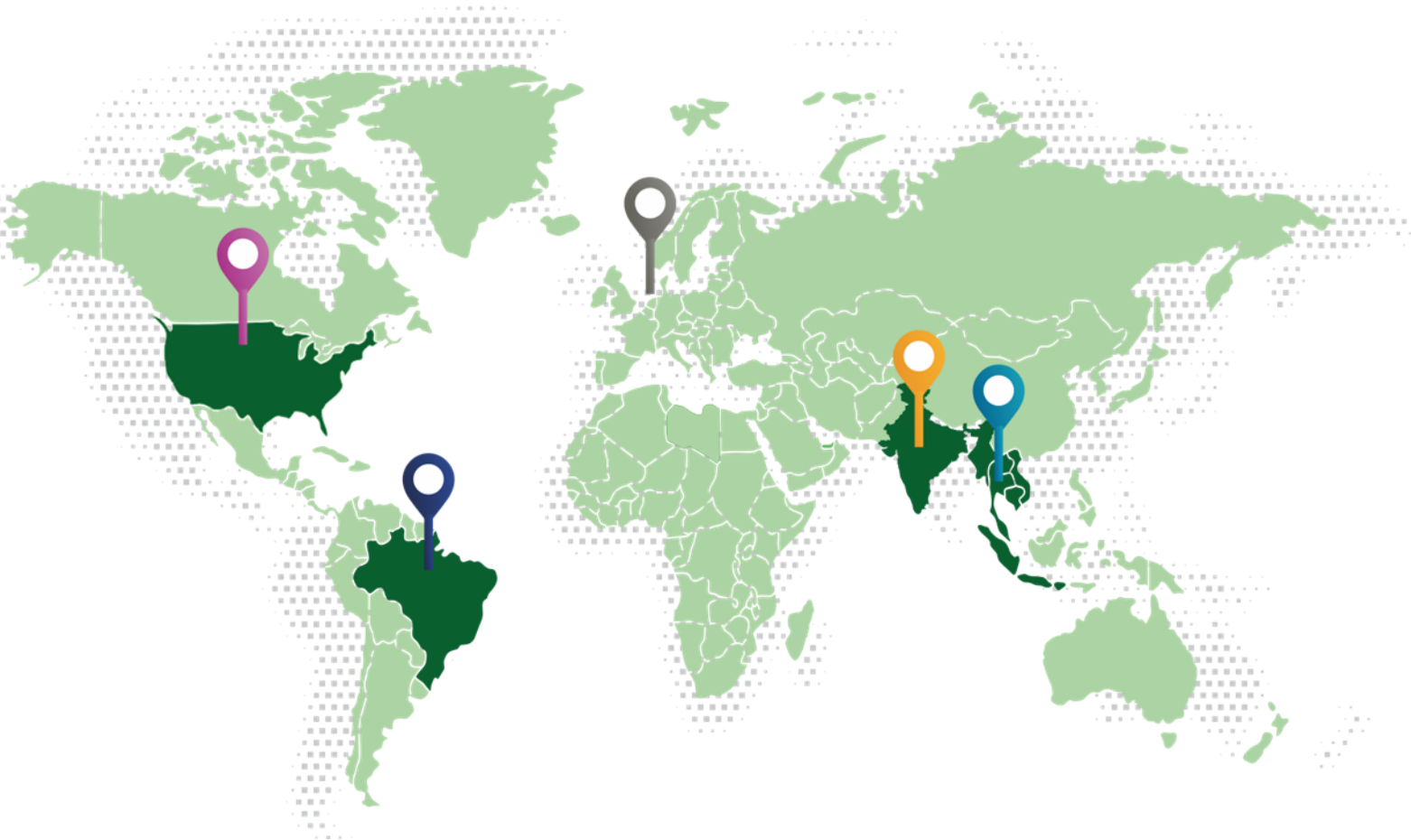


Dimension	BioPrime Position
Scientific Validity	Proprietary discovery platform
Field Proof	Multi-crop validated performance
Unit Economics	Strong ROI vs chemicals
Distribution	Hybrid B2C + B2B
Regulatory	Favorable biological pathway
Strategic Narrative	Climate + Yield + Cost
Partner Value	Enterprise-ready

What's next?



From India for the world



-  India – Distribution, B2B Business, R&D & Manufacturing
-  Southeast Asia – B2B Business
-  USA – Product Trials Last Phase
-  Brazil – Product Trials Initiation
-  Netherlands – University Validation

What makes our products unique?



Compatibility SNIPR based products are compatible with all agrochemicals like fertilizers, nutrients, insecticides, pesticides, herbicides



Consistency unparalleled batch to batch consistency with minimum spectral deviation



Shelf life Excellent shelf life stability without drop in product quality and performance



Residue free Products are tested to be residue free for 250+ insecticides, pesticides and 6 heavy metals

What do we deliver?



Avg.20% increase in yield



20-25% reduction in fertilizers



18% increase in soil organic carbon.



Unique mode of Action –
Molecular studies



Novogene



Every Farmer's
Confidence



Every Farmer's
Resilience



Every Farmer's
Prosperity



FROM
NATURE,
FOR
NATURE

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