Revolutionizing Sustainable Agriculture Through Encapsulated Bio-Technology

Marketed by **Crestline Global FZC LLC** with support of **SRT Agroscience Pvt. Ltd.**

EXECUTIVE PARTNERSHIP PRESENTATION

INDIA · UAE · AFRICA

6-8 HR ACTIVATION PROTOCOL

SHELF LIFE - 2 YEARS

ICAR - IISR LICENSED



ORGANIC SHELL

MICROBES PER CAPSULE

10^{12} CFU



Feeding the Future: The Case for Biological Agriculture

By 2050, the global population will surpass 10billion. Sustainable food production demands a fundamental shift from chemical dependency toward biological solutions that restore soil health, reduce environmental impact, distance delivery focused and measurable yield improvements

Population Pressure

Food demand is rising faster than conventional inputs can sustainably support.

Soil Degradation

Decades of chemical overuse have depleted microbial ecosystems essential for crop nutrition.

Regulatory Shift

Global governments are tightening chemical residue limits and incentivizing biological alternatives.

Farmer Economics

Rising input costs demand solutions that reduce expenditure while improving productivity.

The Innovation: World's First Encapsulated Bio-Fertilizer Technology

SRT's patented encapsulation technology delivers a concentrated microbial dose in a single gram combining high microbial density, stability, and ease of application in a format unlike any conventional bio-fertilizer.

Up to 1 Trillion CFU Per Capsule

Per gram of encapsulated product — among the highest microbial concentrations available globally.

100% Water Soluble, Activates in 6-8 Hrs

Fully compatible with drip irrigation, foliar spray, and conventional application systems.

100% Organic

Free from synthetic chemicals — suitable for organic certification programs and export markets.

Extended Shelf Life

Superior microbial stability reduces spoilage and ensures consistent field performance.

Lower Logistics Cost

Compact capsule format significantly reduces transportation and storage costs versus bulk powder or liquid formulations.

Multi-Crop Applicability

Validated across cereals, horticulture, plantations, spices, and vegetables
Eight varities tailored for each production systems

Crestline Global FZC LLC: Bridging the Market Gap

About Crestline Global

Crestline Global FZC LLC is a UAE-registered international trading and export company, serving as the **Authorised International Distributor** for SRT Agro Science products across Africa.

Under a formal distribution agreement, Crestline holds exclusive rights for **Kenya and Tanzania** — with a structured roadmap for broader African expansion.

Partner Support Framework

Regulatory Assistance

Full support for product registration, import permits, and compliance documentation.

Supply Chain Management

End-to-end export logistics from India through UAE hub to African ports.

Technical & Marketing Support

Product training, agronomic guidance, and co-branded marketing materials for distributors.



About SRT Agro Science Private Limited

COMPANY OVERVIEW | CORE COMPETENCIES

SRT Agro Science Pvt. Ltd. is an innovative Indian manufacturer of patented encapsulated biological crop nutrition solutions — including bio-fertilizers, bio-pesticides, micronutrients, and plant growth promoters.

SRT collaborates with leading Indian agricultural research institutions to develop and validate next-generation biological products.

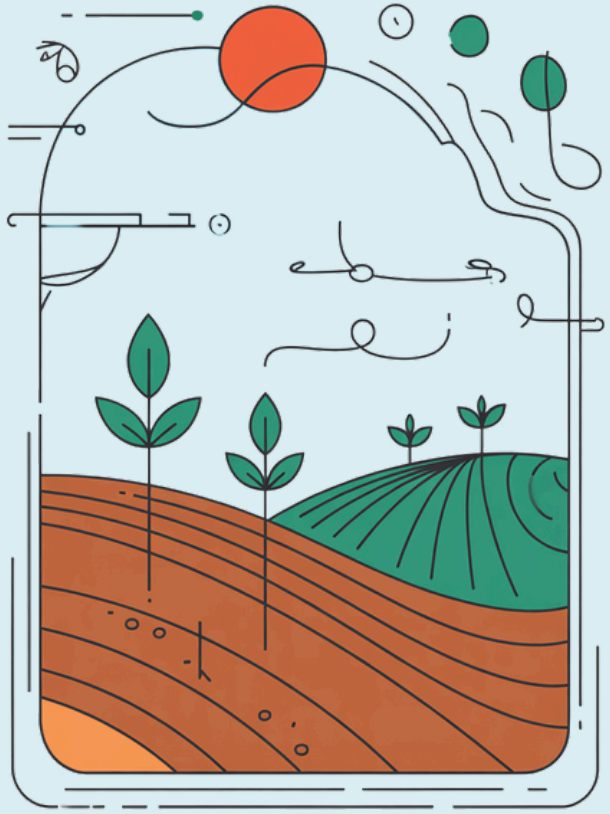
Core Competencies

- Encapsulated bio-fertilizer technology
- Microbial consortium formulations
- Micronutrient delivery systems
- Plant growth promoter solutions
- Lower cost of Storage and Transportation
- ICAR-validated laboratory research

Why Capsules Outperform Traditional Formulations

Conventional bio-fertilizer formats powder and liquid face critical limitations in microbial survival, shelf life, and field application. SRT's encapsulation technology overcomes each of these constraints.

	CATEGORY 1 Conventional Powder	CATEGORY 2 Conventional Liquid	CATEGORY 3 BIO CAPSULE Encapsulated Biofertilizer
—DENSITY	~10^9 CFU / gram	~10^9 - 10^{10} CFU / mL	~10^{12} CFU / gram
—COVERAGE	~1 kg per hectare	~5-10 L per hectare	~1 g per hectare
—SHELF LIFE	6-12 months	3- 6 months refrigerated	2 years ambient
—COLD CHAIN	Sometimes required	Often required	None required
—LOGISTICS	Pallet freight, dust handling, PPE	Drums, refrigerated transport	No equipment, shelf stable, mail order



Crop Applications & Application Methods

Target Crops

Cereals
Rice · Maize · Wheat · Sorghum

Plantations
Tea · Coffee · Sugarcane · Cotton

Horticulture
Vegetables · Fruits · Spices · Orchards

Application Methods

Seed Treatment
Direct coating for uniform microbial coverage at planting.

Drip Irrigation
Fully soluble — integrates into existing fertigation systems.

Soil Application
Broadcast or band application at sowing or transplanting.

Root Dipping
Nursery treatment for transplanted crops and seedlings.

01	02	03	04	05
Take 5 Capsules	**Add 5 L water**	**Soak for 6-8 hours**	**Dilute with 500 L**	**Apply to 4-5 acres**
Five SRT Bio Capsule.	Clean, Chlorine free.	Or Overnight Agitate Periodically.	Mix the solution into spray volume.	Drip irrigation, or soil drench at root level.

Full Range of Biofertilizers in Biocapsules list are available upon request for qualified distributors and institutional buyers.

Scientific Validation: ICAR Laboratory Results

SRT's productrangehasbeen independentlytestedandvalidatedthroughtheIndianCouncilofAgriculturalResearch(ICAR) network. Laboratory analyses confirm viable cell counts meeting or exceeding specified standards across all products.

Product	Microorganism	ICAR Validated
AZOSS	*Azospirillum* spp.	✓ Viable cell count confirmed
AZOTO	*Azotobacter* spp.	✓ Viable cell count confirmed
RHIZO	*Rhizobium* spp.	✓ Viable cell count confirmed
PSB PLUS	Phosphate Solubilizing Bacteria	✓ Viable cell count confirmed
ACETO	*Acetobacter* spp.	✓ Viable cell count confirmed
POTASH GROW	Potassium Mobilizing Bacteria	✓ Viable cell count confirmed
ZINC GROW	Zinc Solubilizing Bacteria	✓ Viable cell count confirmed
NPK GROW	Microbial Consortium (NPK)	✓ Viable cell count confirmed

Full ICAR laboratory test reports are available upon request for qualified distributors and institutional buyers.

Growing Together. Innovating Sustainably.

SRT Agro Science and Crestline Global invite qualified distributors, importers, and agricultural institutions to explore a partnership that delivers innovative biological crop nutrition technology to African farmers building food security, soil health, and farmer prosperity.

SRT Agro Science Pvt. Ltd.

India — Manufacturer & Technology Owner

Crestline Global FZC LLC

UAE — Authorised International Distributor

Initial Markets

India · Kenya · Tanzania — with Pan-African expansion roadmap

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This presentation is confidential and intended for qualified business partners, distributors, and institutional buyers. Product specifications and availability are subject to the terms of the distribution agreement.