



Interactive FAQ — precision biochemistry, de-risked pilot model & institutional-grade impact

What is iBioStim™'s solution for oil palm plantations? ▲

iBioStim™ provides a proprietary biochemistry protocol that **transforms oil palm productivity**. It breaks the traditional boom-or-bust cycle (15–25+ t FFB/ha) by delivering sustained, predictable yields. The treatment is applied bi-monthly and works in-plant to boost nutrient density, shift flower sex expression toward female (more fruit bunches), and regenerate soil in 14 months — a fraction of the typical 10–15 years.

Core value: it turns a volatile biological asset into an **institutional-grade investment** with verifiable, machine-learned forecasting.

What specific performance improvements does iBioStim™ claim? ▲

YIELD INCREASE

+1 MT/ha

minimum bonus on monthly baseline

ANNUAL CEILING

≥46 MT/ha

vs industry 25–26 MT

OIL EXTRACTION RATE (OER)

up to 30%

industry 18–23%

- **2.34x** the industry baseline (stratified performance gain).
- First visible results in **4 months** (industry standard 12+ months).
- Soil regenerated in **14 months** vs 10–15 years.
- Brix level (nutrient density) rises from 6.6% → **11.3%**.
- Buoyancy test: 75% of kernels sink (density >1kg/m³) → directly lifts OER.
- Labour efficiency: 1 person covers **10 ha/day** (was 3 persons).

How does iBioStim™ achieve these results? (science & trade secret) ▲

The protocol is a **trade secret** composition derived from nature — no plant growth regulators, no preservatives, no living organisms destroyed. It works via:

- **In-plant cellular regeneration:** elevates Brix (sugar/nutrient) levels throughout the plant, proof of systemic health.
- **Nutrient mobility:** ensures critical elements reach fruits regardless of soil variability.
- **Floral shift:** transitions palms to predominantly female flowers in 12–18 months → larger FFB clusters.
- **Soil regeneration:** remediates nutrient depletion in 14 months (microbial / biochemical interaction).

The method is calibrated via a 12-month pilot on the client's own land, using mathematical modelling and machine learning to forecast yield (P10/P50/P90) and financials.

⚠ Disclaimer: The protocols are only applicable under iBioStim™ regime. Any mimicry with other products may harm plants (dehydration, excessive height). iBioStim™ contains only nature-derived ingredients, no PGRs, no preservatives.

What is the "pilot model" and how does it completely de-risk investment? ▲

CORE DIFFERENTIATOR

iBioStim™ does **not** rely on testimonials or third-party endorsements. Instead they offer an **on-site pilot at the customer's own plantation** (minimum 100 ha, 120 palms/ha). The pilot runs for 12 months with bi-monthly applications.

De-risking mechanics:

- The pilot can be funded by the plantation owner OR by a third-party funder (investor, pension fund, SWF, family office).
- Performance data is independently verified from the client's own land — no extrapolation from distant trials.

- Only after successful pilot and rigorous mathematical calibration does any full-scale commitment occur.
- For a funder, financing a pilot creates a **low-cost, high-visibility entry**: if pilot succeeds, they have asset-specific proof to underwrite the full rollout and have earned the right to participate.

This turns customer acquisition into **investment-ready deal flow** and makes the proposition “no-regret” for all parties.

Who are the target audiences and how does iBioStim™ appeal to each?

Audience	Key appeal
Title holders / plantation owners	See it work on your own land first; break yield ceiling; reduce labour; soil regeneration for intergenerational resilience.
Investors (PLCs, private equity, funds)	Probabilistic cash-flow models (P10/P50/P90); auditable 12-month FFB forecast; IPO-ready financial projections; “pilot-as-a-service” creates verifiable data.
Pension funds & SWFs	Match liabilities with predictable yield; climate & regulatory risk mitigation; long-term soil health preserves asset value; ability to fund a pilot as a controlled impact investment.

iBioStim™ speaks each group’s language — from operational efficiency to cashflow modelling to intergenerational stewardship.

How does iBioStim™’s off-market strategy work?

iBioStim™ operates **off-market** — they do not broadcast endorsements or advertise broadly. Instead they engage directly with sophisticated counterparties (family offices, plantation companies, institutional investors) through targeted relationships. The pilot model is the centerpiece: a potential client (or their funder) experiences the protocol on their own site, creating conviction without marketing hype. This approach aligns with the **trade-secret nature** and ensures that only committed, well-capitalised partners move forward. It also protects the proprietary method from superficial imitation.

How was the website content scored on precision, clarity & impact?

An independent analysis (based on www.ibiostim.com/oilpalm and subsequent context about the pilot model) produced the following scores **out of 10**:

Criteria	Score	Rationale
Precision	9.2	Quantified claims (+1 MT, 30% OER, Brix 6.6→11.3%) + pilot model adds empirical precision. Trade secret limits external verification, but third-party audit mentioned.
Clarity	9.3	Exceptionally structured narrative: problem → solution → quantified proof → financial translation → de-risked pilot. Technical terms (OER, Brix, buoyancy) explained.
Impact – title holders	9.5	Directly addresses yield, labour, soil, and offers on-land pilot – ultimate trust-builder.
Impact – investors (PLCs/funds)	9.5	Probabilistic models, IPO support, fundable pilot turns due diligence into live experiment.
Impact – pension funds & SWFs	9.0	Links to liability matching, climate risk mitigation, intergenerational resilience; pilot funding aligns with controlled impact mandates.

The pilot funding model significantly **raised all impact scores** compared to a product-only view.

What do these scores mean for a potential client or investor?

They indicate that iBioStim™’s communication is **highly trustworthy, specific, and tailored** to the due diligence needs of institutional players. The combination of:

- **precision** → you know exactly what performance to measure,
- **clarity** → the offer is easy to present to boards or investment committees,
- **high impact per audience** → each stakeholder (operations, finance, long-term risk) sees their priority addressed.

For a title holder, it means minimal adoption risk. For a funder, it means bankable data before writing the big cheque.

Is iBioStim™ safe for the environment? (disclaimer explained) ▲

Yes — according to the official disclaimer:

-  **No living insects or organisms are destroyed** during application.
-  Ingredients are **derived from nature only**.
-  Free from preservatives and synthetic Plant Growth Regulators (PGRs).
-  The protocol is specific to iBioStim™; using other products at high frequency may cause plant stress (tall growth, dehydration).

The soil regeneration outcome (14 months) further points to a restorative, not extractive, mechanism.

How can I initiate a pilot project or learn more? ▲

As an off-market operator, iBioStim™ engages through direct contact. The website indicates that the pilot phase is treated as a “no-regret investment”. Interested plantation owners or potential funders should:

1. Visit www.ibiostim.com/oilpalm for the initial framework.
2. Reach out via the contact channels on the site (likely a direct inquiry form or email).
3. Discuss a **minimum 100-hectare pilot** on your own land, including bi-monthly applications and data calibration.
4. If a funder is involved (investor, pension fund, SWF), iBioStim™ can work with them to structure the pilot financing and subsequent scale-up financial models (P10/P50/P90, EBITDA forecasts, IPO support).

All data from the pilot is independently verified, and a full-scale rollout only proceeds by mutual consent after the 12-month calibration.

What is the track record / success rate? ▲

The website states: *“100% Success Rate – Trusted across more than 500,000 hectares (committed) and scaling rapidly through 2026, our third party audited protocol (trade secret) consistently delivers larger FFB clusters...”*

Because iBioStim™ does not rely on public endorsements, the 500,000+ hectares figure and the 100% success rate refer to internal / audited client results. The on-site pilot model allows **you** to validate the success on your own land before any broad commitment — the ultimate proof.

What is iBioStim™’s production capacity and scalability? ▲

iBioStim™ operates with a scalable supply chain designed to meet institutional demand. Current production capacity can support **up to 100,000 hectares per month** of active treatment area. Importantly, there is **no upper limit for self-funded expansion**—the company can rapidly scale up production in line with client commitments, as the biochemistry manufacturing process is fully owned and expandable.

This capacity ensures that large plantation groups, pension funds, or sovereign wealth funds can roll out the protocol across extensive landbanks without supply bottlenecks. The pilot-to-scale pathway is designed to match production ramp-up with verified performance data.