

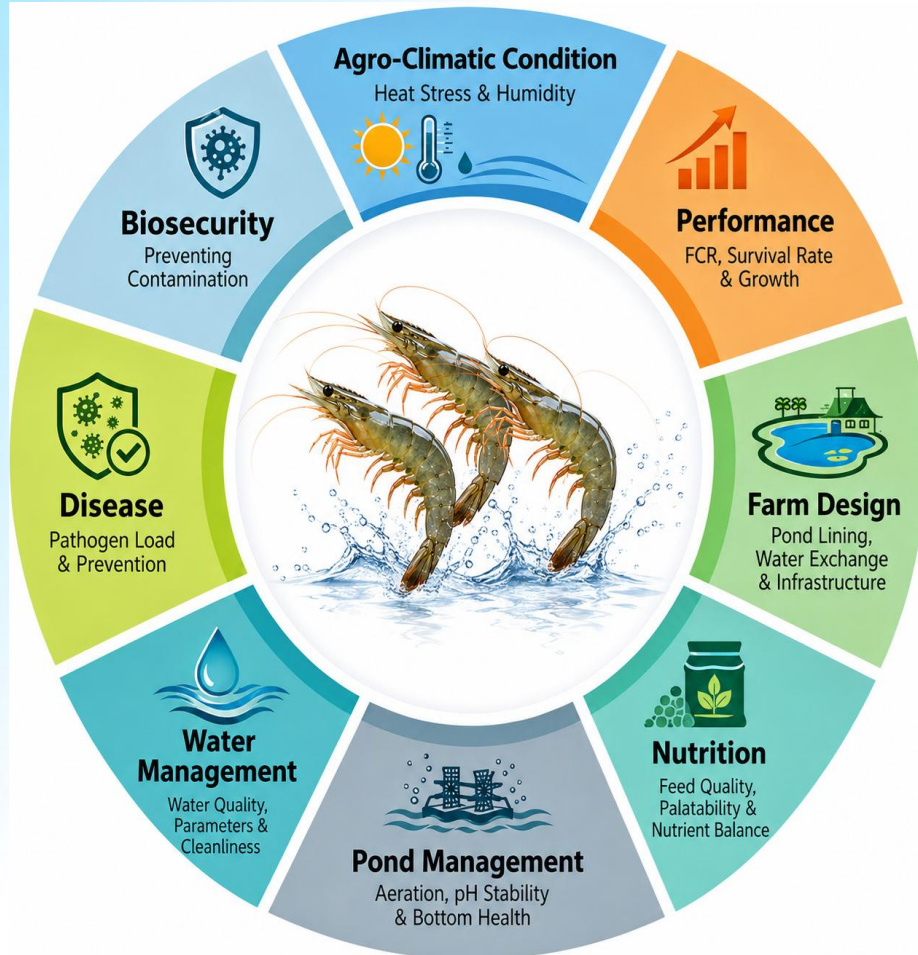


Naturesactiv[®]

Natural Bio actives | Standardized | Zero-Waste Impact



The Hidden Cost of Producing Good-Quality Shrimp



- Good shrimp require more than good genetics and good water.
- Farmers invest heavily (65 -70%) in high-quality, high-protein feed (40% CP), yet not all nutrients are converted efficiently into biomass.
- Poor feed conversion silently increases the cost of every kilogram of shrimp (FCR) produced.
- Gut instability, hepatopancreas stress and environmental fluctuations can further reduce feed utilization and growth consistency.
- Molting and recovery periods create additional windows where shrimp performance can be compromised.
- Pond deterioration and ammonia/organic load can increase stress and reduce production efficiency.
- Health challenges may ultimately translate into slower growth, lower survival and greater production risk.

How efficiently is that investment converted into saleable shrimp?

Key Production Challenges vs Solutions

Farmer problem	NAG solution territory	Product	Primary KPI
High feed investment but poor conversion	Feed utilization	Enercept™ Oil	FCR
White feces / unstable gut / poor conversion	Gut health	TriGut™	Gut stability + FCR
Cumulative environmental stress	Stress adaptation	Adaptix™	Stress recovery / feed response
Pale hepatopancreas / metabolic inefficiency	HP & metabolism	HepatoShift™	HP condition / growth
Soft shell / post-molt weakness	Recovery	Enercept™ Powder	Post-molt recovery
Ammonia / organic load / poor pond condition	Pond health	Activ Ammobind™	NH ₃ /TAN + pond condition
Health challenge / disease pressure	Health resilience	Virunil™ Oil	Survival / stability

Key Production Solutions in Ecuador Shrimp

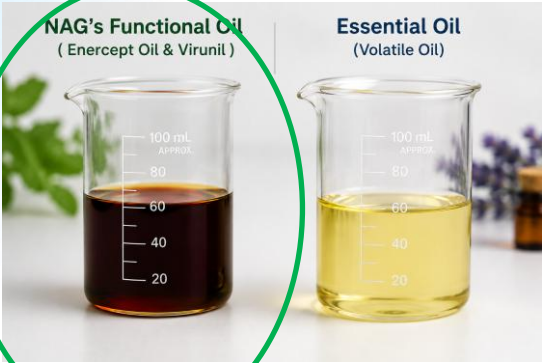


Phyto-genic Feed Supplement
Functional oil (Enriched with Essential
oil) – **For better binding with feed
and longer disintegration in Water**

Phyto-genic Feed Supplement Powders – **Infused with Essential oil**



Natural Ammonia Control in Powder form



Enercept™ Oil – Feed Utilization & Gut Performance

Standardised Phytogetic Functional Oil - For farms where feed cost is high, but feed conversion is not delivering the expected growth

The Problem

- Feed consumption is high, but FCR remains higher than expected.
- Shrimp growth and feed response are inconsistent, particularly during production stress.

What Enercept™ Oil does

- Supports digestion and nutrient utilization, helping shrimp make better use of the feed provided.
- Supports gut integrity and microbial balance, contributing to more consistent feed conversion and growth.



Don't feed more to compensate for poor utilization — make the existing feed work more efficiently.

Virunil™ Oil – Health Resilience & Production Stability

Phytogetic Health Support – For shrimp farms facing health challenges, disease pressure and production instability

The Problem

- Health challenges and disease pressure can quickly affect shrimp survival, feeding response and overall farm performance.
- Production becomes unstable, with increased biological risk and difficulty maintaining consistent growth and survival.

What Virunil™ Oil does

- Supports shrimp health resilience during periods of health challenge, helping maintain overall production stability.
- Supports the shrimp's natural defense mechanisms, contributing to better survival and performance under biological stress.



Support shrimp resilience when health challenges put production at risk.

Gut Stability & Feed Conversion – Trigut

Targeted Phytogetic Gut Support – For farms experiencing gut instability, white feces and inconsistent feed conversion

The Problem

- White feces, loose fecal strings or inconsistent fecal output indicate an unstable gut environment and can affect feed utilization.
- Shrimp feeding and growth become inconsistent, with FCR often becoming difficult to control.

What TriGut™ does

- Supports gut microbial balance and intestinal integrity, helping maintain a more stable digestive environment.
- Supports digestive efficiency and feed utilization, contributing to more consistent FCR and growth performance.

Stabilize the gut first — then get more consistent performance from the feed.



HepatoShift™ – Hepatopancreas & Metabolic Performance

For shrimp showing poor digestive performance, pale hepatopancreas and inconsistent growth

The Problem

- Pale or stressed hepatopancreas and inconsistent feeding response can indicate compromised digestive and metabolic performance.
- Poor nutrient processing can limit growth and feed efficiency, even when feed quality and feeding management are appropriate.

What HepatoShift™ does

- Supports hepatopancreas function and digestive activity, helping shrimp better process and utilize nutrients.
- Supports metabolic efficiency and recovery, contributing to more consistent feeding, growth and production performance.

Support the hepatopancreas to help shrimp digest, utilize and grow more consistently.



Enercept™ Powder – Post-Molt Recovery & Shell Support

For shrimp experiencing soft shell, weak post-molt recovery and inconsistent performance after molting

The Problem

- Soft shell and weak post-molt condition can leave shrimp vulnerable during a critical production stage.
- Slow or inconsistent recovery after molting can affect feeding, growth and production consistency.

What Enercept™ Powder does

- Supports recovery during and after molting, helping shrimp return to normal feeding and activity.
- Supports shell condition and overall recovery, contributing to more consistent post-molt performance.



Support shrimp through the vulnerable post-molt period and help them get back to growth faster.

Adaptix™ – Stress Adaptation & Production Stability

For shrimp farms facing repeated environmental fluctuations and inconsistent performance

The Problem

- Frequent environmental fluctuations can increase cumulative stress and reduce feeding response and activity.
- Shrimp take longer to recover from production stress, resulting in inconsistent growth and farm performance.

What Adaptix™ does

- Supports the shrimp's natural adaptation to environmental stress, helping maintain feeding response and activity.
- Supports recovery and production stability during periods of stress, helping reduce the performance impact of repeated environmental challenges

Help shrimp adapt to stress — and keep production moving.



Activ Ammobind™ – Pond Health & Ammonia Management

For ponds facing high ammonia, organic load and deteriorating water or sediment conditions



The Problem

High feeding intensity, organic accumulation and poor sediment condition can increase nitrogen load and put pond performance under pressure.

Rising ammonia and unstable water quality can increase shrimp stress and make consistent production more difficult.

What Activ Ammobind™ does

Helps manage ammonia and nitrogen load while supporting better pond-water conditions.

Helps condition organic matter and sediment, supporting a more stable pond environment as part of an integrated management programme.



Manage ammonia. Condition the pond. Protect pond performance.