



WHY ARAGOCOR ARAGONITE?

The naturally better choice to balance water chemistry and support healthier, more productive shrimp.



Better Performance
Healthier shrimp,
better growth & FCR



Safer & Easier
Gentle, predictable
results you can trust



Sustainable
Harvested from
renewable marine
deposits



Lower Total Cost
Use less product,
get better results



**NATURALLY POWERING
CLEANER WATER**



CARBON-NEGATIVE AT ORIGIN



OCEAN RENEWABLE



NON-TOXIC & ECO-FRIENDLY

ARAGOCOR ARAGONITE

Oolitic Aragonite (CaCO_3)



SOLUBILITY & REACTIVITY

How it dissolves in water



pH STABILITY & SAFETY

Impact on shrimp & system



ALKALINITY & BUFFERING

Ability to maintain stable water



CALCIUM AVAILABILITY

For shell development & molting



DOSING CONTROL

Ease of use & risk of over-application



OVERALL VALUE

Performance + Safety + Cost



More soluble than calcite*

Dissolves steadily, releasing calcium and carbonate ions efficiently.



Buffers pH gently and predictably

Maintains stable pH within the optimal range for shrimp.



Strong, sustained alkalinity

Provides higher total buffering capacity than lime in low-alkalinity water.***



Excellent calcium source

Supports molting, shell strength, and overall shrimp health.



Easy to dose, lower risk

Granular form allows consistent, controlled application.



Better performance, safer, more consistent results

Lower usage rates = greater value over time.



AGRICULTURAL LIMESTONE

Calcite (CaCO_3)



Less soluble

Dissolves more slowly, especially in seawater.



Moderate buffering

Requires larger doses to achieve the same buffering effect.



Lower buffering capacity

Needs higher application rates for the same effect.



Good calcium source

But slower release means less immediate availability.



Requires more product

Larger volumes needed to reach target levels.



Lower cost upfront

But higher usage rates and variable results.



HYDRATED / QUICKLIME

Ca(OH)_2 / CaO



Very high initial reactivity

Can cause rapid, uncontrollable pH spikes if not carefully managed.



High risk of pH swings

Overdosing can push pH too high, stressing or killing shrimp.**



Short-lived effect

Initial boost followed by sharp pH decline as CO_2 reacts.



Not a calcium source

Does not directly provide calcium for shrimp.



High risk, less forgiving

Small measurement errors can lead to harmful pH spikes.



Higher risk, hidden costs

Greater potential for losses from stress, mortality, and water chemistry crashes.



THE ARAGOCOR ADVANTAGE



HEALTHIER SHRIMP

Supports strong shells, better molting, and higher survival.



STABLE WATER CHEMISTRY

Less stress, fewer fluctuations, better growing conditions.



LOWER OPERATING COSTS

Use less product with better results.



SUSTAINABLE BY NATURE

Harvested from renewable marine deposits in the Bahamas.

HOW ARAGOCOR ARAGONITE HELPS YOUR OPERATION



Stabilizes pH

Minimizes daily fluctuations and reduces stress.



Improves Hardness

Provides essential calcium for molting and shell strength.



Supports Biofloc Systems

Helps maintain alkalinity for optimal microbial activity.



Better Growth & FCR

Healthier shrimp convert feed more efficiently, improving profits.



Cleaner, Greener Choice

Non-toxic, carbon-negative, and ocean renewable.



BACKED BY RESEARCH

CaCO_3 improved growth & FCR in shrimp:

CaCO_3 treatment significantly increased weight gain and feed conversion ratio of *L. vannamei* compared with control in biofloc systems.*
— Aquaculture Reports, 2025



Aragonite proven in marine RAS systems:

Aragonite in a fluidized bed reactor increased alkalinity and pH while reducing dissolved CO_2 , stabilizing water chemistry in a marine RAS.** — USGS Scientific Investigations Report 2016-5140

* Aquaculture Reports 2025, 41: 102797

** USGS Sci. Inv. Rep. 2016-5140

*** Aquaculture 2021, 540: 736739

AragoCor minerals



For Organic Use



CARBON
NEGATIVE



OCEAN
RENEWABLE



SUSTAINABLE
BY NATURE



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SUSTAINABLY SOURCED BY



Our oolitic aragonite is sustainably harvested in the Bahamas and sourced through Aragosan Minerals Limited.



Scan to learn more
about AragoCor
Minerals.