

# REGENERATIVE AGRICULTURE SERIES



## AGMATIX

Driving Regenerative Agriculture

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MARCH 25-27 2025 | CHICAGO  
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Growing Data  
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## ABOUT THE COMPANY

As global environmental challenges intensify, agriculture must evolve from traditional practices to sustainable methodologies. Regenerative agriculture represents a long-term path forward, focusing on restoring and revitalizing ecosystems.

Today, when sustainably scaling food production and sourcing is critical, Agmatix is at the forefront of this paradigm shift. It offers advanced data-driven solutions that help ensure globally consistent yet locally adapted recommendations to cultivate sustainable farming and raise productivity and ecological health worldwide.

### REGENIQ: REGENERATIVE AGRICULTURE FOR A SUSTAINABLE FUTURE

RegenIQ is at the heart of Agmatix's commitment to regenerative agriculture, developed in collaboration with world-leading experts in soil health and regenerative practices and has been peer-reviewed and published in [npj Sustainable Agriculture](#).

This scalable and adaptable framework provides a comprehensive approach to measure and optimize regenerative practices, driving impact from field to enterprise. RegenIQ empowers food and beverage companies to track their progress toward sustainability goals by collecting and analyzing relevant data. By utilizing an expert-based, multi-criteria assessment method, this framework helps reduce the risks of yield loss and associated economic costs while delivering actionable insights that improve soil health, water management, biodiversity, and climate resilience.

### POWERED BY AGMATIX



At the core of RegenIQ's advanced capabilities lies Agmatix's technology. The Agmatix platform has a suite of solutions to support regenerative agriculture. The Digital Crop Advisor solution optimizes crop nutrition, and the Sustainability Center scales the RegenIQ framework. These solutions enable a scientifically grounded, data-oriented, adaptable, and impact-focused approach to agriculture, helping growers adapt regenerative practices based on their specific environmental and agricultural conditions.



## REGENIQ CROP CASE STUDIES APPLIED TO COFFEE AND CACAO

RegenIQ is highly adaptable and scalable across different crops and geographies. It has also demonstrated significant benefits in high-input crops like coffee and cacao, where environmental sensitivities are particularly pronounced.

While advanced growers have traditionally implemented site-specific agronomic practices, RegenIQ now enhances this approach by enabling scalable site-specific regenerative agriculture management.



[VIEW FULL VIDEO](#)

## COFFEE PRODUCTION

RegenIQ tackles coffee-growing challenges by prioritizing the most impactful efforts. For instance, optimizing nutrient rates and timing stimulates plant growth, while avoiding deforestation helps preserve natural habitats.

When done right, agroforestry contributes to biodiversity, helping to create a healthier ecosystem. Additionally, accounting for the water footprint of coffee production at the field (i.e. irrigation) and the milling site promotes long-term sustainability and resilience.

## CACAO PRODUCTION

RegenIQ offers a comprehensive approach to overcoming cacao production challenges. By optimizing soil fertility through tailored nutrient management and prioritizing impactful practices like agroforestry, RegenIQ helps agronomists and growers improve overall crop health and pod quality.

The framework also promotes sustainable water use practices to help maintain consistent cacao production without compromising tropical ecosystem integrity. Together, these efforts lead to more resilient cacao farms that can withstand environmental pressures.

## JOIN US IN ADVANCING AGRICULTURAL SUSTAINABILITY

We invite agricultural professionals and stakeholders to discover how Agmatix can redefine your regenerative agriculture practices.

Join us at the upcoming conference and visit [regeniq.earth](https://regeniq.earth) to learn more about our offering and how to apply it to your business today.

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