

Our Commitment to Sustainability

Growing a Greener Tomorrow with Regenerative Advanced Cotton

Contents

Welcome to Regenerative Advanced Cotton	03
LDC's Regenerative Advanced Cotton is Traceable Certified US Cotton	05
How Regenerative Advanced Cotton Stands Out	07
Getting Smart on Regenerative Advanced Cotton	09
The Difference Between Regenerative Advanced Cotton and Organic Cotton	11
From Farm to You Meet Cali Noland	13
Activating Regenerative Advanced Cotton with LDC	15

Welcome to Regenerative Advanced Cotton



Regenerative agriculture is a holistic farm management approach that focuses on improving and restoring the health of farm ecosystems, soils, and biodiversity.

It encompasses agricultural practices that seek to simultaneously deliver positive benefits to soil, water, nature and climate while enhancing on farm resiliency and long-term profitability. By sourcing regenerative cotton, mills and brands align with a growing consumer demand for sustainable cotton.

In doing so, they support agricultural practices that improve the health of the land, ensuring the crops they grow remain healthy for the decades to come, while providing transparency into every step of how the cotton is grown. Discover more insights and details online to [explore further!](#)



LDC’s Regenerative Advanced Cotton is Traceable Certified US Cotton

LDC’s Regenerative Advanced Cotton (RAC) represents a breakthrough in sustainable cotton sourcing. Grown in the United States using regenerative farming practices, this cotton is traced and verified to meet stringent environmental and third-party standards.

Differentiators of LDC’s RAC?



Third-Party Certified and Verified

Each stage of cultivation and production is carefully monitored and authenticated, with each stage of the supply chain audited by Control Union.



Traceable Across the Supply Chain

For mills, RAC extended traceability provide insight for eco-friendly materials. For retailers, it offers a strategic advantage by aligning with consumers’ values.



Differentiation in the Marketplace

The return on investment is seen in its environmental benefits, supply chain resilience, and enhanced market appeal when compared to other sustainable products.



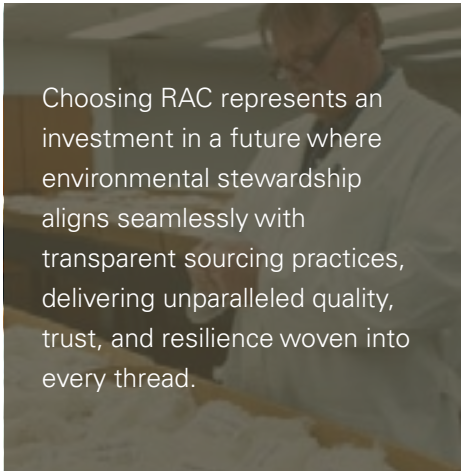
Resilience Through Innovation

Backed by LDC’s robust traceability systems, RAC is backed by long-term stability through innovative, sustainable farming practices.



Scalability and Accessibility

RAC is designed to be more scalable and accessible, empowering brands to scale sustainably, making it a viable solution for mass-market adoption.



Choosing RAC represents an investment in a future where environmental stewardship aligns seamlessly with transparent sourcing practices, delivering unparalleled quality, trust, and resilience woven into every thread.

The Impact of Regenerative Agriculture



↓ 2m

Tons of carbon/hectare reduced annually.



↓ 100

Cars removed off the road each year, approximately.

Regenerative cotton farming methods have been shown to sequester up to 2 metric tons of carbon per hectare annually, which is equivalent to removing approximately 100 cars off the road each year. [\(Cikis\)](#)



↑ 35%

Soil biodiversity increased, leading to healthier soils and increased resilience against pests and diseases. [\(Rodale Institute\)](#)



↑ \$65

Net income/acre raised across 29 U.S. farms by adopting Soil Health Management Systems to improve soil health. [\(Soil Health Institute\)](#)



↓ 20%

Water consumption/acre reduced.



↓ 50

Olympic-sized swimming pools of water saved each season.

Regenerative cotton practices reduce water consumption by an average of 20% per acre, saving enough water to fill approximately 50 Olympic-sized swimming pools each growing season. [\(CottonToday\)](#)

How Regenerative Advanced Cotton Stands Out



LDC Leveraging Traceability

LDC's unique traceability capability goes beyond traditional Permanent Bale Identifiers (PBIs) by providing farm-level traceability for Advanced Cotton.

While PBIs offer traceability from the ginning process to the final destination, LDC adds an additional layer by linking every bale to the specific farm where it was produced. This requires true collaboration from farm to mill.

By integrating farm-level traceability, LDC provides transparency into the "where" and "how" of production, ensuring responsible sourcing. This provides transparency through the supply chain from farm.

LDC Leveraging Certification and Verification

Regenerative Advanced Cotton (RAC) stands out due to its rigorous third-party certification and verification process. Certified by **regenagri®** and independently verified by **Control Union**, this cotton offering represents robust standards of traceability and responsible sourcing.

regenagri® certification ensures adherence to regenerative farming principles, emphasizing soil health, biodiversity, and sustainable practices. In addition, Control Union's verification adds an additional layer of credibility through strict auditing protocols and compliance checks.

This dual-layer validation provides brands and retailers with robust, evidence-based assurance that meets global demands for authenticity. By leveraging these respected third parties, LDC delivers unmatched confidence and transparency in the supply chain, positioning its cotton as the benchmark for verified sustainability.



Getting Smart on Regenerative Advanced Cotton

What are the Benefits of Regenerative Advanced Cotton (RAC)?

Regenerative farming leans on traditional farming methods which restore natural ecosystems and improve soil health. Farmers enrich the soil through practices like crop rotation, cover cropping, minimal or zero till, conservation practices and nutrient management which add nutrients and improve soil resilience. This approach enhances soil structure, allowing it to retain more water which can reduce the need for irrigation, all

while minimizing erosion. Regenerative farming can also reduce chemical inputs by encouraging biodiversity—attracting pollinators, controlling pests naturally, and fostering healthier plant growth. The result is a cotton fiber that embodies sustainability at its core, producing high-quality raw materials with a lower environmental impact and creating a continuous cycle of improvement that benefits both nature and agriculture.

How Does LDC's Traceability Capability Enhance Value?

Traceability back to the farm is a key advantage of LDC's RAC, offering verifiable proof of its origin. Every bale is carefully traced from farm to mill, giving retailers the assurance that the cotton they receive meets strict sustainability and origin standards. This transparent tracing system not only fosters

consumer trust but also protects mills and retailers by providing clear evidence of the cotton's impact and provenance. With LDC's integrated traceability systems, stakeholders can confidently verify the provenance, reinforcing their commitment to transparency and responsible sourcing.

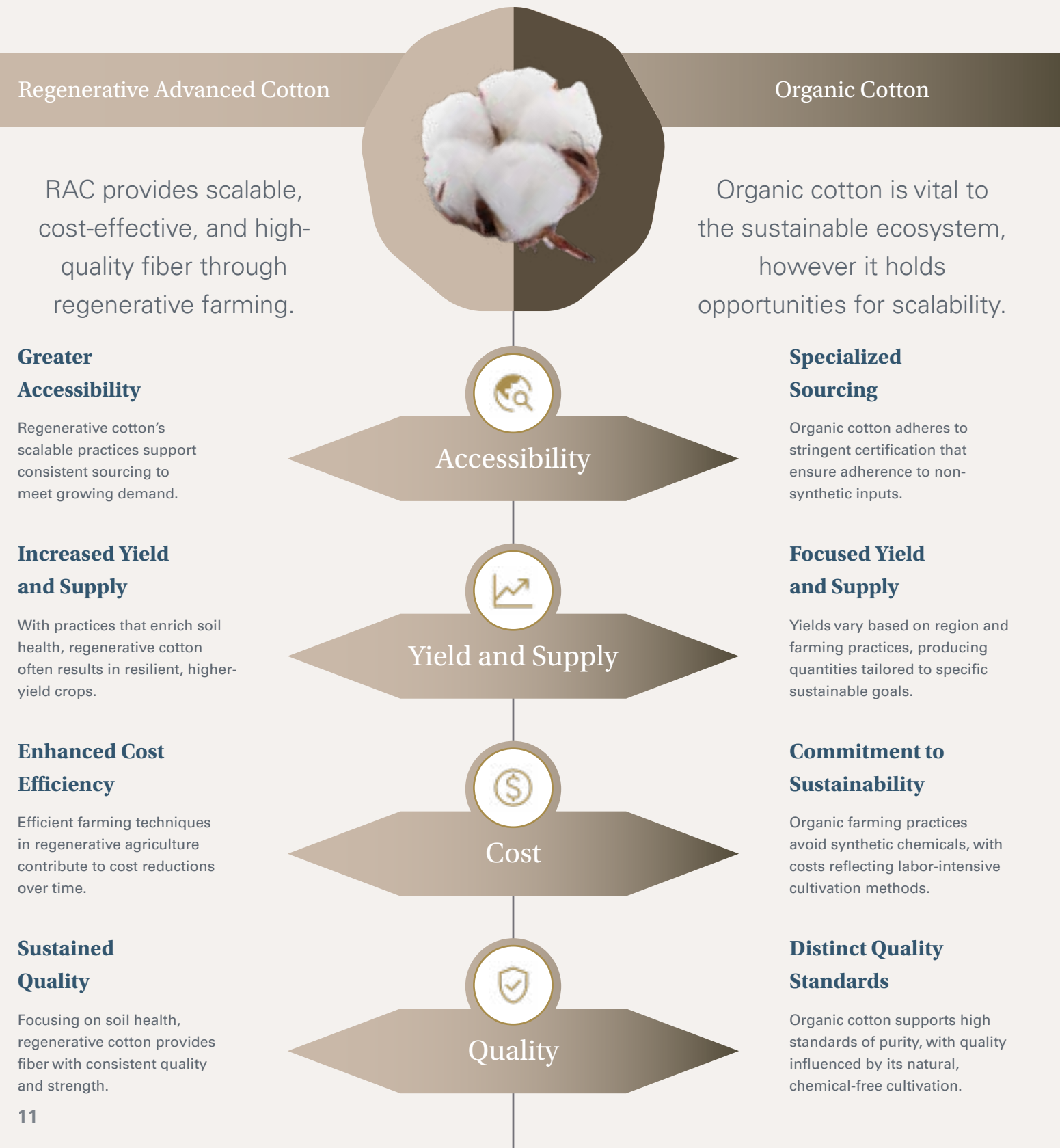
How is Advanced Cotton Leading the Industry?

Advanced Cotton isn't just another sustainable option; it's a catalyst for change within the industry. As legislators and consumers increasingly demand transparency and responsible sourcing, traceable regenerative cotton stands out as the next frontier to build a robust, credible and scalable cotton supply

chain. Unlike other sustainable cotton options, which often faces challenges in availability and scalability, RAC is a high quality, scalable solution, enabling brands to meet growing consumer demand without compromising on sustainability with mass-market adoption.



The Difference Between Regenerative Advanced Cotton and Organic Cotton



Making the Switch to LDC's Regenerative Advanced Cotton

Regenerative cotton and organic cotton both prioritize sustainability, but differ in accessibility, supply, cost-effectiveness, and homogeneity of cotton fiber quality.

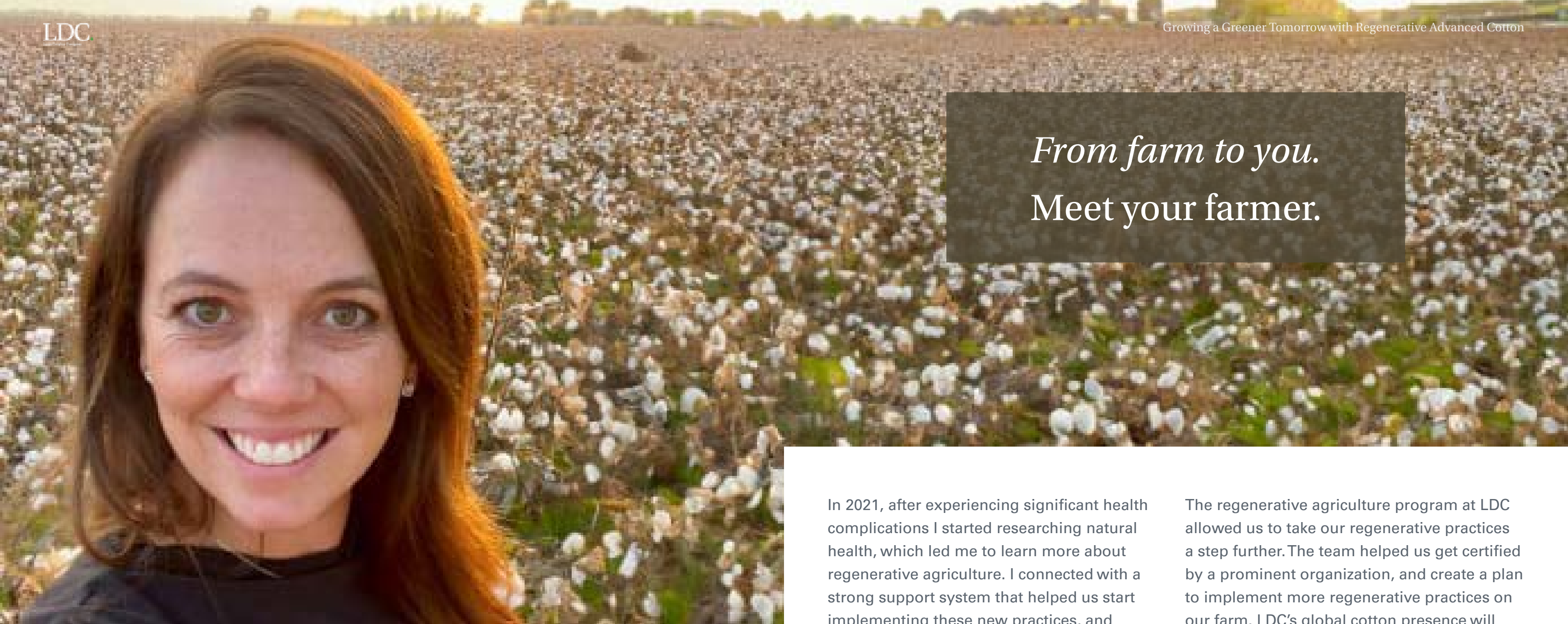
While organic cotton focuses on avoiding synthetic inputs and pesticides, RAC takes a broader approach by focusing on enhancing soil health, increasing biodiversity, and sequestering carbon. This results in higher yields, more resilient crops, and improved soil quality, which in turn make regenerative cotton more accessible and scalable compared to other sustainable options.

Regenerative practices can also contribute to stronger, more sustainable farming communities by empowering farmers to achieve greater productivity with fewer

inputs, improving their economic resilience and long-term livelihoods.

RAC aligns its practices with tangible environmental improvements and third-party verification, which provide a more accurate and verifiable sustainability narrative. The opportunity lies in educating consumers and aligning premiums with these verifiable environmental benefits, positioning RAC as a superior choice that delivers true sustainability impact without relying solely on perceived value.

Regenerative Advanced Cotton leads the way in sustainable farming.



From farm to you.
Meet your farmer.

Cotton Farmer in Mississippi, US

Cali Noland

“Regenerative agriculture has opened a whole new way of viewing farming for us. Not only are we growing great quality cotton, but we’re also thinking about how our farming practices affect the health of people and the planet.”

In 2021, after experiencing significant health complications I started researching natural health, which led me to learn more about regenerative agriculture. I connected with a strong support system that helped us start implementing these new practices, and discovered my passion for regenerative agriculture, as we transitioned our land.

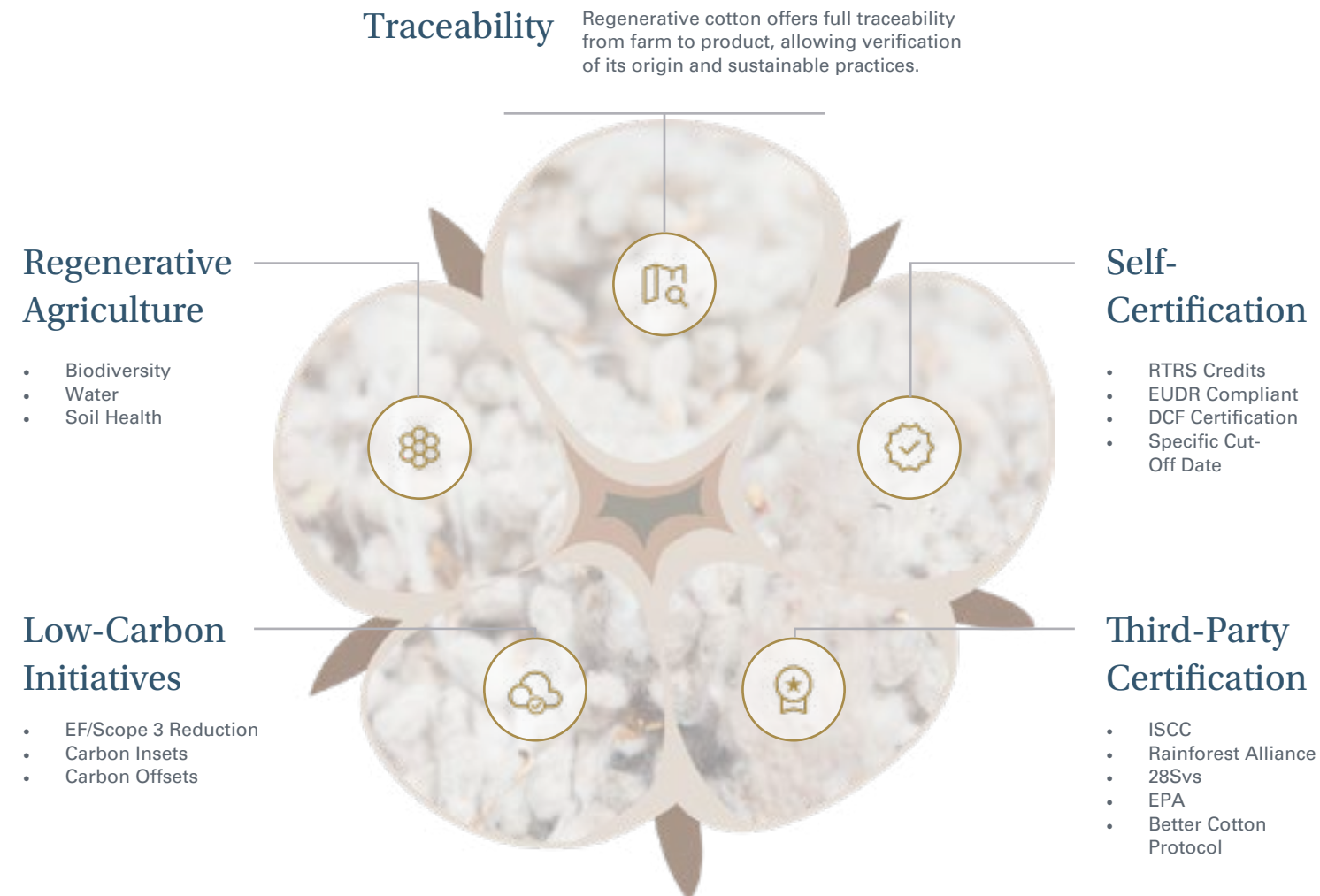
My family has been farming since 1915, but regenerative agriculture has opened a whole new way of viewing farming for us. Not only are we growing great quality cotton, but we’re also thinking about how our farming practices affect the health of people and the planet. By implementing practices like cover crops, no-till, nutrient management and reduced inputs, we are building plant health and soil health, as well as sequestering more carbon, while contributing to the regeneration of ecosystems in our area.

The regenerative agriculture program at LDC allowed us to take our regenerative practices a step further. The team helped us get certified by a prominent organization, and create a plan to implement more regenerative practices on our farm. LDC’s global cotton presence will enable us to connect with companies who are looking for regenerative cotton and open new market opportunities for us.

My passion for regenerative agriculture is not only a personal pursuit but a mission to educate and support fellow farmers who want to transition their land.

Activating Regenerative Advanced Cotton with LDC

At the heart of Regenerative farming lies a commitment to sustainability that not only meets but exceeds industry benchmarks. By evaluating cotton across five key dimensions—Traceability, Self-Certification, Third-Party Certification, Low Carbon, and Regenerative Agriculture—we ensure the highest standards of responsible sourcing and environmental impact.



Partner with us to elevate your product offerings by leveraging regenerative agriculture to drive further value with LDC's Regenerative Advanced Cotton.

Let's work together to gather the specific data you need to communicate authenticity and reinforce the value of **your** sustainable cotton products. These criteria offer a robust foundation for making informed decisions and demonstrating leadership in sustainability.



Louis Dreyfus Company B.V.

Westblaak 92

3012 KM Rotterdam

The Netherlands

www ldc com