

Sustainable and Regenerative Agriculture Market Forecasts to 2032 – Global Analysis By Practice (Conservation Tillage, Cover Cropping, Crop Rotation & Diversification, Integrated Pest Management (IPM), Agroforestry, Managed Grazing & Pasture Cropping, Biochar & Compost Application, and Other Practices), Application, Sales Channel, End-Product, and By Geography

<https://marketpublishers.com/r/SC538B06E4B0EN.html>

Date: October 2025

Pages: 200

Price: US\$ 4,150.00 (Single User License)

ID: SC538B06E4B0EN

Abstracts

According to Statistics MRC, the Global Sustainable and Regenerative Agriculture Market is accounted for \$15.02 billion in 2025 and is expected to reach \$49.89 billion by 2032 growing at a CAGR of 18.7% during the forecast period. Sustainable and regenerative agriculture focuses on farming practices that restore soil health, increase biodiversity, and sequester carbon while maintaining productivity. It includes organic inputs, cover cropping, reduced tillage, rotational grazing, and digital tools to monitor ecosystem services. Growth is propelled by consumer demand for responsibly produced food, corporate sustainability commitments, and policy incentives for carbon and biodiversity outcomes.

According to Frontiers in Sustainable Food Systems, regenerative practices like no-till farming and cover cropping can sequester up to 1.5 tons of CO₂ per hectare annually, improving soil health and biodiversity.

Market Dynamics:

Driver:

Soil health & resilience needs

Soil health and resilience are primary market drivers because degraded soils threaten yields, profitability and long-term farm viability. Regenerative practices such as cover cropping, crop rotation and reduced tillage rebuild organic matter, improve water retention and restore microbial life, increasing productivity while lowering input costs. Markets respond as buyers, policymakers and insurers reward systems that lower risk and sequester carbon, creating new revenue streams and incentives for farmers to adopt restorative practices. Furthermore, investment in soil-focused products accelerates technology development and market expansion.

Restraint:

Knowledge & labor gap

Advisory networks, extension services and hands-on training remain uneven, especially for smallholders and regions with limited institutional support. Labor shortages and the seasonal intensity of regenerative practices increase operational complexity and can raise short-term costs during transition years, creating reluctance among risk-averse growers. Without accessible finance, demonstration sites and tailored training, adoption stalls and the market grows unevenly. Additionally, persistent policy uncertainty and fragmented supply chains amplify these adoption barriers. Strategic partnerships can help close gaps.

Opportunity:

Tech-enabled scaling

Tech-enabled scaling presents a major opportunity by lowering the cost and complexity of regenerative practices and making them measurable at scale. Remote sensing, AI-driven decision tools, traceability platforms and digital marketplaces help quantify soil health, monitor regenerative outcomes and open premium revenue channels for verified sustainable produce. These technologies reduce knowledge barriers, support financeable metrics such as carbon credits and enable service providers to bundle inputs, training and market access. Moreover, venture capital and corporate procurement commitments are accelerating product development and commercial roll-outs across regions.

Threat:

Extreme weather & climate shocks

Extreme weather and climate shocks are a material threat because they damage crops, erode soil and disrupt farm economics, undermining long-term adoption of regenerative systems. Intensifying droughts, floods and temperature swings increase yield volatility and raise insurance and credit costs for producers transitioning to new practices. Such shocks can also destroy early-season cover crops or degrade soil structure before regenerative benefits compound, discouraging investments during fragile transition years. Moreover, unequal geographic exposure to increasing climate risk concentrates losses in vulnerable regions, threatening food security and investor confidence.

Covid-19 Impact:

COVID-19 disrupted supply chains, labor availability and extension services, which temporarily slowed adoption of regenerative practices and delayed project rollouts. Market demand shifted as logistics and input shortages raised short-term costs and forced many growers to prioritize yield security over experimental practices. However, pandemic-era policy responses and renewed attention to resilient local systems also accelerated interest in shorter supply chains, soil health investments and digital advisory services that could support recovery and longer-term scaling.

The conservation tillage segment is expected to be the largest during the forecast period

The conservation tillage segment is expected to account for the largest market share during the forecast period because reduced or no-till systems are already widely adopted and deliver immediate soil protection benefits. No-till and mulch-till reduce erosion, improve moisture retention and lower fuel and labor requirements, which short-term practical gains help farmers justify investment. Adoption trends in major producing countries, documented increases in no-till acreage and supportive policy incentives sustain market scale for equipment, cover crop seed and advisory services. Additionally, buyers and regulators increasingly reward lower-disturbance systems with procurement and subsidy preferences. This underpins steady commercial demand.

The climate resilience & carbon sequestration segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the climate resilience & carbon sequestration segment is predicted to witness the highest growth rate because demand for measurable climate outcomes is rising rapidly across value chains. Corporate net-zero pledges, voluntary carbon markets and public incentives are creating premium revenue streams and farm-level payments for measurable soil carbon and resilience outcomes, attracting investment in monitoring, measurement and verification services. These services, paired with regenerative practices, create bundled business models that scale faster than commodity-focused segments. Moreover, growing consumer and investor pressure accelerates adoption and finance for scalable carbon projects, overcoming traditional barriers.

Region with largest share:

During the forecast period, the Asia Pacific region is expected to hold the largest market share due to its vast agricultural area, high share of smallholder farmers and accelerating policy support for sustainable land management. Rapidly rising food demand, coupled with government programs that promote soil health, conservation agriculture and climate-smart practices, creates scale for inputs, advisory and financing services. Large networks of specialty agritech providers, growing corporate procurement commitments and active carbon project development further concentrate market activity in the region.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR because adoption curves are steep where baseline inputs have been intensive and recent policy signals favour transition. Governments, NGOs and private investors are scaling demonstration projects, carbon aggregation programs and digital extension services that rapidly lower adoption costs and risks for farmers. High rates of market penetration for mobile advisory tools, growing agtech investment and strong demand from domestic and export buyers accelerate commercial models. Moreover, demographic trends and rising per-capita consumption sustain long-term growth momentum, and institutional financing arriving.

Key players in the market

Some of the key players in Sustainable and Regenerative Agriculture Market include Unilever PLC, PepsiCo, Inc., Nestlé S.A., General Mills, Inc., McDonald's Corporation, HelloFresh SE, Barilla Group, Bunge Limited, Cargill, Incorporated, Danone S.A., Alter

Eco Americas, Inc., CIBO Technologies, Inc., Grounded Ingredients, Inc., Soil Capital Ltd., Regeneration Canada, White Oak Pastures, Kering S.A., VF Corporation, Inditex S.A., and Rodale Institute.

Key Developments:

In September 2025, PepsiCo, Unilever, and other major food and beverage companies have launched STEP up for Agriculture (STEP up for Ag), a first-of-its-kind collaboration designed to accelerate regenerative agriculture adoption. The initiative strengthens farmer-facing organisations with tools, training, and funding, helping to build resilient supply chains and promote sustainable farming practices worldwide.

In September 2024, CPG General Mills and food retailer Ahold Delhaize USA (ADUSA) are partnering to transition more acreage within their shared supply chain to regenerative agriculture. The two companies will co-invest in “priority supply sheds” — geographic regions where they source ingredients — by helping farmers in those areas transition to regenerative agriculture. Farmers will receive technical and financial support to implement regenerative agriculture practices such as cover cropping and nutrient management.

In March 2024, McDonald's invests \$200m in regenerative agriculture to boost responsible beef sourcing and protect US rangeland ecosystems. McDonald's USA is making its largest ever move into regenerative agriculture, committing more than \$200 million to accelerate sustainable beef sourcing and support cattle ranchers across the US. Beef has been central to McDonald's menu for more than 70 years, and the new initiative reflects the company's long-term strategy to link responsible beef sourcing with wider sustainability and regenerative agriculture goals.

Practices Covered:

Conservation Tillage

Cover Cropping

Crop Rotation & Diversification

Integrated Pest Management (IPM)

Agroforestry

Managed Grazing & Pasture Cropping

Biochar & Compost Application

Other Practices

Applications Covered:

Soil & Crop Management

Biodiversity & Ecosystem Management

Water & Nutrient Management

Climate Resilience & Carbon Sequestration

Sales Channels Covered:

Direct-to-Consumer/Farmers Markets

Retail & Supermarkets

Online/E-commerce

Business-to-Business

End-Products Covered:

Food & Beverages

Animal Feed

Biofuels & Energy Crops

Textiles & Fibers

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

South America

Argentina

Brazil

Chile

Rest of South America

Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

What our report offers:

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

Free Customization Offerings:

Sustainable and Regenerative Agriculture Market Forecasts to 2032 – Global Analysis By Practice (Conservation...

All the customers of this report will be entitled to receive one of the following free customization options:

Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

Contents

1 EXECUTIVE SUMMARY

2 PREFACE

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
 - 2.4.1 Data Mining
 - 2.4.2 Data Analysis
 - 2.4.3 Data Validation
 - 2.4.4 Research Approach
- 2.5 Research Sources
 - 2.5.1 Primary Research Sources
 - 2.5.2 Secondary Research Sources
 - 2.5.3 Assumptions

3 MARKET TREND ANALYSIS

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Application Analysis
- 3.7 Emerging Markets
- 3.8 Impact of Covid-19

4 PORTERS FIVE FORCE ANALYSIS

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

5 GLOBAL SUSTAINABLE AND REGENERATIVE AGRICULTURE MARKET, BY

Sustainable and Regenerative Agriculture Market Forecasts to 2032 – Global Analysis By Practice (Conservation...

PRACTICE

- 5.1 Introduction
- 5.2 Conservation Tillage
- 5.3 Cover Cropping
- 5.4 Crop Rotation & Diversification
- 5.5 Integrated Pest Management (IPM)
- 5.6 Agroforestry
- 5.7 Managed Grazing & Pasture Cropping
- 5.8 Biochar & Compost Application
- 5.9 Other Practices

6 GLOBAL SUSTAINABLE AND REGENERATIVE AGRICULTURE MARKET, BY APPLICATION

- 6.1 Introduction
- 6.2 Soil & Crop Management
- 6.3 Biodiversity & Ecosystem Management
- 6.4 Water & Nutrient Management
- 6.5 Climate Resilience & Carbon Sequestration

7 GLOBAL SUSTAINABLE AND REGENERATIVE AGRICULTURE MARKET, BY SALES CHANNEL

- 7.1 Introduction
- 7.2 Direct-to-Consumer/Farmers Markets
- 7.3 Retail & Supermarkets
- 7.4 Online/E-commerce
- 7.5 Business-to-Business

8 GLOBAL SUSTAINABLE AND REGENERATIVE AGRICULTURE MARKET, BY END-PRODUCT

- 8.1 Introduction
- 8.2 Food & Beverages
- 8.3 Animal Feed
- 8.4 Biofuels & Energy Crops
- 8.5 Textiles & Fibers

9 GLOBAL SUSTAINABLE AND REGENERATIVE AGRICULTURE MARKET, BY GEOGRAPHY

9.1 Introduction

9.2 North America

9.2.1 US

9.2.2 Canada

9.2.3 Mexico

9.3 Europe

9.3.1 Germany

9.3.2 UK

9.3.3 Italy

9.3.4 France

9.3.5 Spain

9.3.6 Rest of Europe

9.4 Asia Pacific

9.4.1 Japan

9.4.2 China

9.4.3 India

9.4.4 Australia

9.4.5 New Zealand

9.4.6 South Korea

9.4.7 Rest of Asia Pacific

9.5 South America

9.5.1 Argentina

9.5.2 Brazil

9.5.3 Chile

9.5.4 Rest of South America

9.6 Middle East & Africa

9.6.1 Saudi Arabia

9.6.2 UAE

9.6.3 Qatar

9.6.4 South Africa

9.6.5 Rest of Middle East & Africa

10 KEY DEVELOPMENTS

10.1 Agreements, Partnerships, Collaborations and Joint Ventures

10.2 Acquisitions & Mergers

- 10.3 New Product Launch
- 10.4 Expansions
- 10.5 Other Key Strategies

11 COMPANY PROFILING

- 11.1 Unilever PLC
- 11.2 PepsiCo, Inc.
- 11.3 Nestlé S.A.
- 11.4 General Mills, Inc.
- 11.5 McDonald's Corporation
- 11.6 HelloFresh SE
- 11.7 Barilla Group
- 11.8 Bunge Limited
- 11.9 Cargill, Incorporated
- 11.10 Danone S.A.
- 11.11 Alter Eco Americas, Inc.
- 11.12 CIBO Technologies, Inc.
- 11.13 Grounded Ingredients, Inc.
- 11.14 Soil Capital Ltd.
- 11.15 Regeneration Canada
- 11.16 White Oak Pastures
- 11.17 Kering S.A.
- 11.18 VF Corporation
- 11.19 Inditex S.A.
- 11.20 Rodale Institute

List Of Tables

LIST OF TABLES

Table 1 Global Sustainable and Regenerative Agriculture Market Outlook, By Region (2024-2032) (\$MN)

Table 2 Global Sustainable and Regenerative Agriculture Market Outlook, By Practice (2024-2032) (\$MN)

Table 3 Global Sustainable and Regenerative Agriculture Market Outlook, By Conservation Tillage (2024-2032) (\$MN)

Table 4 Global Sustainable and Regenerative Agriculture Market Outlook, By Cover Cropping (2024-2032) (\$MN)

Table 5 Global Sustainable and Regenerative Agriculture Market Outlook, By Crop Rotation & Diversification (2024-2032) (\$MN)

Table 6 Global Sustainable and Regenerative Agriculture Market Outlook, By Integrated Pest Management (IPM) (2024-2032) (\$MN)

Table 7 Global Sustainable and Regenerative Agriculture Market Outlook, By Agroforestry (2024-2032) (\$MN)

Table 8 Global Sustainable and Regenerative Agriculture Market Outlook, By Managed Grazing & Pasture Cropping (2024-2032) (\$MN)

Table 9 Global Sustainable and Regenerative Agriculture Market Outlook, By Biochar & Compost Application (2024-2032) (\$MN)

Table 10 Global Sustainable and Regenerative Agriculture Market Outlook, By Other Practices (2024-2032) (\$MN)

Table 11 Global Sustainable and Regenerative Agriculture Market Outlook, By Application (2024-2032) (\$MN)

Table 12 Global Sustainable and Regenerative Agriculture Market Outlook, By Soil & Crop Management (2024-2032) (\$MN)

Table 13 Global Sustainable and Regenerative Agriculture Market Outlook, By Biodiversity & Ecosystem Management (2024-2032) (\$MN)

Table 14 Global Sustainable and Regenerative Agriculture Market Outlook, By Water & Nutrient Management (2024-2032) (\$MN)

Table 15 Global Sustainable and Regenerative Agriculture Market Outlook, By Climate Resilience & Carbon Sequestration (2024-2032) (\$MN)

Table 16 Global Sustainable and Regenerative Agriculture Market Outlook, By Sales Channel (2024-2032) (\$MN)

Table 17 Global Sustainable and Regenerative Agriculture Market Outlook, By Direct-to-Consumer/Farmers Markets (2024-2032) (\$MN)

Table 18 Global Sustainable and Regenerative Agriculture Market Outlook, By Retail &

Supermarkets (2024-2032) (\$MN)

Table 19 Global Sustainable and Regenerative Agriculture Market Outlook, By Online/E-commerce (2024-2032) (\$MN)

Table 20 Global Sustainable and Regenerative Agriculture Market Outlook, By Business-to-Business (2024-2032) (\$MN)

Table 21 Global Sustainable and Regenerative Agriculture Market Outlook, By End-Product (2024-2032) (\$MN)

Table 22 Global Sustainable and Regenerative Agriculture Market Outlook, By Food & Beverages (2024-2032) (\$MN)

Table 23 Global Sustainable and Regenerative Agriculture Market Outlook, By Animal Feed (2024-2032) (\$MN)

Table 24 Global Sustainable and Regenerative Agriculture Market Outlook, By Biofuels & Energy Crops (2024-2032) (\$MN)

Table 25 Global Sustainable and Regenerative Agriculture Market Outlook, By Textiles & Fibers (2024-2032) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

I would like to order

Product name: Sustainable and Regenerative Agriculture Market Forecasts to 2032 – Global Analysis By Practice (Conservation Tillage, Cover Cropping, Crop Rotation & Diversification, Integrated Pest Management (IPM), Agroforestry, Managed Grazing & Pasture Cropping, Biochar & Compost Application, and Other Practices), Application, Sales Channel, End-Product, and By Geography

Product link: <https://marketpublishers.com/r/SC538B06E4B0EN.html>

Price: US\$ 4,150.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/SC538B06E4B0EN.html>