

Soil Health Scorecard Market Forecasts to 2032 – Global Analysis By Product Type (Soil Testing Kits, Digital Soil Health Platforms, Biological Soil Amendments, Monitoring Devices, Scorecard Software Tools and Other Product Types), Methodology, Crop Type, Service, End User and By Geography

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Abstracts

According to Statistics MRC, the Global Soil Health Scorecard Market is accounted for \$150.3 million in 2025 and is expected to reach \$262.6 million by 2032 growing at a CAGR of 8.3% during the forecast period. Soil Health Scorecard is a structured evaluation tool used to assess soil quality based on physical, chemical, and biological indicators. It enables farmers, researchers, and land managers to monitor soil conditions, identify degradation risks, and guide sustainable land-use practices. Typically incorporating visual assessments and field-based metrics, the scorecard translates complex soil data into actionable insights. It supports decision-making for crop productivity, conservation, and long-term soil resilience by promoting standardized, site-specific evaluations across diverse agricultural and ecological contexts.

According to Frontiers in Environmental Science, implementation of the Soil Health Card (SHC) scheme in India led to a 5%–6% increase in crop yields and an 8%–10% reduction in chemical fertilizer usage, underscoring the measurable benefits of soil health monitoring for sustainable agriculture.

Market Dynamics:

Driver:

Growing awareness of soil degradation & demand for sustainable agriculture

Governments, agronomists, and farmers are actively seeking tools that quantify soil health to guide regenerative practices. Soil health scorecards offer a standardized framework to assess biological, chemical, and physical indicators, enabling data-driven decisions. As climate change intensifies and food security becomes a priority, these tools are gaining traction across both commercial agriculture and smallholder systems.

Restraint:

Limited awareness in developing regions

Despite growing interest, adoption of soil health scorecards remains limited in many developing areas due to infrastructural gaps and lack of technical training. Farmers in remote regions often lack access to digital platforms or soil testing labs, hindering widespread implementation. Additionally, language barriers and low digital literacy further restrict engagement with advanced scorecard models. Without targeted outreach and localized support, market expansion in these regions may remain constrained.

Opportunity:

Expansion into horticulture and landscaping

Municipal bodies and private developers are increasingly investing in soil diagnostics to enhance plant vitality and ecosystem services in parks, gardens, and green roofs. Customized scorecards tailored for ornamental crops, turfgrass, and urban soils present a lucrative growth avenue. This diversification aligns with broader sustainability goals and opens new channels for technology providers and service firms.

Threat:

Poor connectivity or tech literacy

The effectiveness of digital soil health platforms depends heavily on reliable internet access and user familiarity with data-driven tools. In regions with poor connectivity or low smartphone penetration, farmers may struggle to engage with app-based scorecards or cloud-integrated diagnostics. Moreover, the lack of agronomic training can lead to misinterpretation of results, reducing the utility of these tools. These barriers

pose a risk to market scalability, especially in rural and underserved communities.

Covid-19 Impact:

The pandemic disrupted agricultural supply chains and field operations, temporarily slowing soil testing activities. However, it also accelerated the adoption of digital platforms and remote advisory services. As physical extension services became constrained, farmers turned to app-based diagnostics and virtual consultations to manage soil health. This shift highlighted the value of accessible, user-friendly scorecards and catalyzed investment in digital infrastructure.

The digital soil health platforms segment is expected to be the largest during the forecast period

The digital soil health platforms segment is expected to account for the largest market share during the forecast period owing to their adaptability across diverse farming systems and their compatibility with emerging technologies. These platforms streamline soil data collection through mobile apps, IoT sensors, and satellite imagery, enabling farmers to make informed decisions in real time. Their ability to integrate with AI-driven analytics allows for predictive modeling of soil fertility and crop suitability, enhancing precision agriculture outcomes.

The integrated scorecard models segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the integrated scorecard models segment is predicted to witness the highest growth rate as these models consolidate multiple soil health indicators—such as organic matter, pH, microbial activity, and nutrient levels—into a single, comprehensive framework. This holistic approach enables stakeholders to assess soil vitality more accurately and implement targeted interventions. As governments and research institutions increasingly advocate for standardized soil health metrics, integrated models are becoming central to policy formulation, land restoration programs, and climate-smart agriculture strategies.

Region with largest share:

During the forecast period, the North America region is expected to hold the largest market share attributed to its advanced agricultural ecosystem and strong institutional support. The region benefits from extensive research collaborations between

universities, agri-tech firms, and government agencies, fostering innovation in soil diagnostics and monitoring tools. Regulatory bodies such as the USDA actively promote soil conservation through incentive programs and technical assistance, further accelerating scorecard adoption.

Region with highest CAGR:

Over the forecast period, the Asia Pacific region is anticipated to exhibit the highest CAGR underpinned by rising investments in agricultural modernization and digital infrastructure. Countries like India and China are implementing nationwide soil health initiatives, including digital scorecard distribution and farmer training programs. The region's diverse agro-climatic zones and large farming population create a strong demand for localized, scalable soil assessment tools. Government-backed schemes, combined with increasing smartphone penetration and rural connectivity, are enabling rapid deployment of digital platforms.

Key players in the market

Some of the key players in Soil Health Scorecard Market include Agilent Technologies, Eurofins Scientific, ALS Limited, SGS SA, Waters Agricultural Laboratories, BASF SE, Syngenta AG, FMC Corporation, UPL Ltd, Novozymes A/S, CropX Technologies, Trace Genomics, Granular (Corteva Agriscience), SoilCares, AgriWebb, Teralytic, Arable Labs, and Sentek Technologies

Key Developments:

In July 2025, SGS published its H1 2025 results (25 July 2025) and announced a signed agreement to acquire Applied Technical Services (ATS) to strengthen its North American testing & forensics capability. The release framed the acquisition as accelerating SGS's "Strategy 27" growth and sustainability services.

In June 2025, Eurofins announced a successful €500m Schuldschein issuance to refinance existing facilities and support continued network growth and acquisitions. The financing strengthens Eurofins' liquidity and funds expansion of its bio-analytical testing footprint across regions.

In June 2025, Syngenta Group (and Syngenta AG) published its half-year results and related media in Aug 2025, summarizing H1 financials, strategic initiatives and regional programs. The release highlighted revenue and program performance and referenced

ongoing R&D and digital agronomy partnerships in 2025.

Product Types Covered:

- Soil Testing Kits
- Digital Soil Health Platforms
- Biological Soil Amendments
- Monitoring Devices
- Scorecard Software Tools
- Other Product Types

Methodologies Covered:

- Conventional Soil Assessment
- Integrated Scorecard Models
- Organic Soil Health Evaluation
- Other Methodologies

Crop Types Covered:

- Cereals & Grains
- Fruits & Vegetables
- Oilseeds & Pulses
- Turf & Ornamentals
- Other Crop Types

Services Covered:

Sample Collection & Courier Logistics

Laboratory Testing & Interpretation

Data Analytics

Dashboards & Agronomic Recommendations

Certification, Verification & Third-Party Auditing

Other Services

End Users Covered:

Farmers & Growers

Agronomists & Consultants

Government & NGOs

Research Institutions

Other End Users

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:

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

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