

Soil Treatment Market Report and Forecast 2025-2034

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Report description:

The global soil treatment market attained a value of about USD 49.22 Billion in 2024. The market is further expected to grow at a CAGR of 6.20% during the forecast period of 2025-2034 to reach approximately USD 89.82 Billion by 2034.

Decreasing Arable Land Due to Industrialisation is Augmenting the Market Growth of Soil Treatment

The global market for soil treatment is being driven by the decreasing availability of arable land for crop production. With rapid industrialisation and urbanisation, modern architecture is increasingly capturing farmlands and contaminating cultivation plots, which is laying an emphasis on soil protection for food production, which is having a positive impact on the soil treatment industry. In addition, soil treatment is used to treat soil polluted with industrial waste, chemicals like insecticides, herbicides, and pesticides, and other bacterial pollution that may affect the quality of the soil. Soil treatment techniques like physiochemical, biological, and thermal treatments are aimed at replenishing the nutrients lost in the soil and enhance the quality of the crop. Therefore, the rising cases of soil pollution are furthering the market growth of soil treatment.

Furthermore, due to the increasing population levels across the globe, the demand for healthy and natural food products is rising. This is also pushing the demand for soil treatment since healthy soil is one of the key determinants of healthy food. Hence, boosting the market growth of soil treatment. In addition, the rising demand for organic agricultural products, free from adulterations and chemicals as a result of rising health concerns, is further contributing to the market growth.

Soil Treatment: Market Segmentation

Soil treatment refers to techniques and procedures to reverse the effects of pollution and industrialisation on barren land by balancing the pH levels, ensuring water retention, and restoring nutrients to make the soil usable for agricultural and other purposes.

Market Breakup by Technology

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- Physiochemical Treatment
- Biological Treatment
- Thermal Treatment

Market Breakup by Type

- Organic Amendments
- pH Adjusters
- Soil Protection

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Innovations in Soil Protection Technology to Aid the Market Growth of Soil Treatment

The rising awareness regarding soil degradation and the subsequent government actions to treat contaminated and polluted soil is driving the market for soil treatment. Soil treatment technologies are designed at improving soil quality by restoring microbial activity, balancing the pH level, increase moisture retention, and reduce compaction. The rising adoption of soil treatment technologies is augmenting the market growth. Furthermore, the benefits associated with soil treatment techniques, such as improved nutrients, and enhanced physical and biological components of the soil, are impelling the industry growth.

Techniques that aim at improving aeration and land fertility are significantly contributing to the market growth in developing regions subject to robust industrialisation. Furthermore, the introduction of innovations in soil treatment technologies by key market players owing to research and development (R&D) projects is further aiding the market growth. In addition, the emergence of sustainable techniques to incorporate green and clean technologies are anticipated to propel industry growth over the forecast period.

Key Industry Players in the Global Soil Treatment Market

The report presents a detailed analysis of the following key players in the global soil treatment market, looking into their capacity, market share, and latest developments like capacity expansions, plant turnabouts and mergers and acquisitions.

- BASF SE
- Syngenta Crop Protection AG
- AMVAC Chemical Corporation
- Novozymes A/S
- Solvay SA
- Soil Works LLC
- Others

The comprehensive report looks at the micro and macro aspects of the industry. The EMR report gives an in-depth insight into the

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market by providing a SWOT analysis as well as an analysis of the Porter's Five Forces Model.

Table of Contents:

- 1 Executive Summary
 - 1.1 Market Size 2024-2025
 - 1.2 Market Growth 2025(F)-2034(F)
 - 1.3 Key Demand Drivers
 - 1.4 Key Players and Competitive Structure
 - 1.5 Industry Best Practices
 - 1.6 Recent Trends and Developments
 - 1.7 Industry Outlook
- 2 Market Overview and Stakeholder Insights
 - 2.1 Market Trends
 - 2.2 Key Verticals
 - 2.3 Key Regions
 - 2.4 Supplier Power
 - 2.5 Buyer Power
 - 2.6 Key Market Opportunities and Risks
 - 2.7 Key Initiatives by Stakeholders
- 3 Economic Summary
 - 3.1 GDP Outlook
 - 3.2 GDP Per Capita Growth
 - 3.3 Inflation Trends
 - 3.4 Democracy Index
 - 3.5 Gross Public Debt Ratios
 - 3.6 Balance of Payment (BoP) Position
 - 3.7 Population Outlook
 - 3.8 Urbanisation Trends
- 4 Country Risk Profiles
 - 4.1 Country Risk
 - 4.2 Business Climate
- 5 Global Soil Treatment Market Analysis
 - 5.1 Key Industry Highlights
 - 5.2 Global Soil Treatment Historical Market (2018-2024)
 - 5.3 Global Soil Treatment Market Forecast (2025-2034)
 - 5.4 Global Soil Treatment Market by Technology
 - 5.4.1 Physiochemical Treatment
 - 5.4.1.1 Historical Trend (2018-2024)
 - 5.4.1.2 Forecast Trend (2025-2034)
 - 5.4.2 Biological Treatment
 - 5.4.2.1 Historical Trend (2018-2024)
 - 5.4.2.2 Forecast Trend (2025-2034)
 - 5.4.3 Thermal Treatment
 - 5.4.3.1 Historical Trend (2018-2024)
 - 5.4.3.2 Forecast Trend (2025-2034)

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5.5 Global Soil Treatment Market by Type

5.5.1 Organic Amendments

5.5.1.1 Historical Trend (2018-2024)

5.5.1.2 Forecast Trend (2025-2034)

5.5.2 pH Adjusters

5.5.2.1 Historical Trend (2018-2024)

5.5.2.2 Forecast Trend (2025-2034)

5.5.3 Soil Protection

5.5.3.1 Historical Trend (2018-2024)

5.5.3.2 Forecast Trend (2025-2034)

5.6 Global Soil Treatment Market by Region

5.6.1 North America

5.6.1.1 Historical Trend (2018-2024)

5.6.1.2 Forecast Trend (2025-2034)

5.6.2 Europe

5.6.2.1 Historical Trend (2018-2024)

5.6.2.2 Forecast Trend (2025-2034)

5.6.3 Asia Pacific

5.6.3.1 Historical Trend (2018-2024)

5.6.3.2 Forecast Trend (2025-2034)

5.6.4 Latin America

5.6.4.1 Historical Trend (2018-2024)

5.6.4.2 Forecast Trend (2025-2034)

5.6.5 Middle East and Africa

5.6.5.1 Historical Trend (2018-2024)

5.6.5.2 Forecast Trend (2025-2034)

6 North America Soil Treatment Market Analysis

6.1 United States of America

6.1.1 Historical Trend (2018-2024)

6.1.2 Forecast Trend (2025-2034)

6.2 Canada

6.2.1 Historical Trend (2018-2024)

6.2.2 Forecast Trend (2025-2034)

7 Europe Soil Treatment Market Analysis

7.1 United Kingdom

7.1.1 Historical Trend (2018-2024)

7.1.2 Forecast Trend (2025-2034)

7.2 Germany

7.2.1 Historical Trend (2018-2024)

7.2.2 Forecast Trend (2025-2034)

7.3 France

7.3.1 Historical Trend (2018-2024)

7.3.2 Forecast Trend (2025-2034)

7.4 Italy

7.4.1 Historical Trend (2018-2024)

7.4.2 Forecast Trend (2025-2034)

7.5 Others

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8 Asia Pacific Soil Treatment Market Analysis

8.1 China

8.1.1 Historical Trend (2018-2024)

8.1.2 Forecast Trend (2025-2034)

8.2 Japan

8.2.1 Historical Trend (2018-2024)

8.2.2 Forecast Trend (2025-2034)

8.3 India

8.3.1 Historical Trend (2018-2024)

8.3.2 Forecast Trend (2025-2034)

8.4 ASEAN

8.4.1 Historical Trend (2018-2024)

8.4.2 Forecast Trend (2025-2034)

8.5 Australia

8.5.1 Historical Trend (2018-2024)

8.5.2 Forecast Trend (2025-2034)

8.6 Others

9 Latin America Soil Treatment Market Analysis

9.1 Brazil

9.1.1 Historical Trend (2018-2024)

9.1.2 Forecast Trend (2025-2034)

9.2 Argentina

9.2.1 Historical Trend (2018-2024)

9.2.2 Forecast Trend (2025-2034)

9.3 Mexico

9.3.1 Historical Trend (2018-2024)

9.3.2 Forecast Trend (2025-2034)

9.4 Others

10 Middle East and Africa Soil Treatment Market Analysis

10.1 Saudi Arabia

10.1.1 Historical Trend (2018-2024)

10.1.2 Forecast Trend (2025-2034)

10.2 United Arab Emirates

10.2.1 Historical Trend (2018-2024)

10.2.2 Forecast Trend (2025-2034)

10.3 Nigeria

10.3.1 Historical Trend (2018-2024)

10.3.2 Forecast Trend (2025-2034)

10.4 South Africa

10.4.1 Historical Trend (2018-2024)

10.4.2 Forecast Trend (2025-2034)

10.5 Others

11 Market Dynamics

11.1 SWOT Analysis

11.1.1 Strengths

11.1.2 Weaknesses

11.1.3 Opportunities

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- 11.1.4 Threats
- 11.2 Porter's Five Forces Analysis
 - 11.2.1 Supplier's Power
 - 11.2.2 Buyer's Power
 - 11.2.3 Threat of New Entrants
 - 11.2.4 Degree of Rivalry
 - 11.2.5 Threat of Substitutes
- 11.3 Key Indicators for Demand
- 11.4 Key Indicators for Price
- 12 Value Chain Analysis
- 13 Competitive Landscape
 - 13.1 Supplier Selection
 - 13.2 Key Global Players
 - 13.3 Key Regional Players
 - 13.4 Key Player Strategies
 - 13.5 Company Profiles
 - 13.5.1 BASF SE
 - 13.5.1.1 Company Overview
 - 13.5.1.2 Product Portfolio
 - 13.5.1.3 Demographic Reach and Achievements
 - 13.5.1.4 Certifications
 - 13.5.2 Syngenta Crop Protection AG
 - 13.5.2.1 Company Overview
 - 13.5.2.2 Product Portfolio
 - 13.5.2.3 Demographic Reach and Achievements
 - 13.5.2.4 Certifications
 - 13.5.3 AMVAC Chemical Corporation
 - 13.5.3.1 Company Overview
 - 13.5.3.2 Product Portfolio
 - 13.5.3.3 Demographic Reach and Achievements
 - 13.5.3.4 Certifications
 - 13.5.4 Novozymes A/S
 - 13.5.4.1 Company Overview
 - 13.5.4.2 Product Portfolio
 - 13.5.4.3 Demographic Reach and Achievements
 - 13.5.4.4 Certifications
 - 13.5.5 Solvay SA
 - 13.5.5.1 Company Overview
 - 13.5.5.2 Product Portfolio
 - 13.5.5.3 Demographic Reach and Achievements
 - 13.5.5.4 Certifications
 - 13.5.6 Soil Works LLC
 - 13.5.6.1 Company Overview
 - 13.5.6.2 Product Portfolio
 - 13.5.6.3 Demographic Reach and Achievements
 - 13.5.6.4 Certifications
 - 13.5.7 Others

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