

# Manufactured Soil Market Outlook 2025-2034: Market Share, and Growth Analysis By Type (Garden Soil, Soil Mix, Manure & Compost, Turf Sand, Organic Soil Improver), By Brand (Super Soil, Peaceful Valley, Farm Supply, Ferry Mores, Jiffy Mix), By Application

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## Abstracts

The Manufactured Soil Market is valued at USD 11.9 billion in 2025 and is projected to grow at a CAGR of 8.7% to reach USD 25.3 billion by 2034. The manufactured soil market focuses on engineered blends of natural soils, organic materials, and additives to meet specific agricultural, landscaping, and environmental needs. Often referred to as custom or engineered soils, these formulations are used where native soils lack essential properties such as fertility, drainage, pH balance, or structure. Applications range from residential gardening and green roofs to commercial landscaping and large-scale agriculture. The demand for manufactured soils has risen in tandem with urban development, soil degradation, and the need for sustainable cultivation practices. Key components include compost, sand, clay, peat, biochar, and mineral fertilizers, which are combined to achieve specific performance goals. Municipalities, golf courses, horticultural nurseries, and infrastructure projects increasingly rely on manufactured soils for their consistency, customizability, and compliance with environmental regulations. As sustainable land use becomes a global priority, this market plays a key role in reclaiming and optimizing marginal or contaminated lands for productive use. The manufactured soil market is witnessing growing demand fueled by urban agriculture, green infrastructure initiatives, and eco-conscious landscaping. Governments and developers are promoting rooftop gardens, vertical farms, and urban green spaces, all of which require engineered soil for optimal growth and drainage. Technological innovations have led to more nutrient-dense and pathogen-free blends, with producers using advanced screening, microbial enhancements, and organic waste recycling. Compost-rich soil blends are gaining popularity in regions with strict soil

amendment regulations. In addition, stormwater management and erosion control projects are adopting custom soil mixes that support native vegetation while improving infiltration. Construction projects are creating opportunities for backfill and topsoil alternatives, especially in urban redevelopment. Manufacturers are also partnering with environmental consultants and landscape architects to create soil specifications tailored to site conditions and end-use applications. Meanwhile, rising public awareness about soil health is encouraging the adoption of manufactured soils in residential gardening and permaculture systems. The manufactured soil market is expected to expand significantly as climate adaptation and food security efforts intensify. Agricultural producers facing salinity, drought, or soil contamination will increasingly turn to manufactured soil as a solution for site-specific challenges. Biochar and carbon-sequestering soil blends are anticipated to grow in popularity as tools to combat climate change. Urban planning strategies will more heavily integrate green space and ecological restoration, requiring scalable, high-performance soil systems. Automation in soil blending and on-site delivery will enhance efficiency, particularly in large-scale projects. Regulatory frameworks will also evolve to standardize quality benchmarks and composition guidelines, further legitimizing the industry. With advances in soil microbiome science, future manufactured soils will incorporate tailored microbial consortia for improved plant health, resilience, and yield. As the intersection between soil science, sustainability, and urban development grows, manufactured soil will become an essential component of both environmental restoration and smart city planning.

## Key Insights Manufactured Soil Market

Adoption of biochar and compost-enriched soil blends is growing for their role in carbon sequestration and soil fertility improvement.

Customized soils for urban agriculture and rooftop gardens are gaining popularity in densely populated cities.

Advanced soil microbiology is influencing the development of microbial-enhanced blends to promote plant resilience and growth.

Digital soil analysis tools are being used to guide composition and performance of manufactured soils for different applications.

Use of recycled and organic waste in soil production is contributing to a circular economy in landscaping and agriculture.

Rising urbanization and land degradation are increasing the need for engineered soils in landscaping and agricultural applications.

Government incentives for green infrastructure and sustainable land use are encouraging adoption of manufactured soils in public works.

Expansion of urban farming and food production systems is fueling demand for nutrient-rich, pathogen-free soil blends.

Soil contamination and poor native soil quality in construction zones are creating demand for safe and consistent alternatives.

Lack of uniform regulatory standards across regions can hinder quality assurance and product certification for soil manufacturers.

Transportation and high blending costs can limit affordability and access for small-scale or rural end users.

## Manufactured Soil Market Segmentation

### By Type

Garden Soil

Soil Mix

Manure & Compost

Turf Sand

Organic Soil Improver

### By Brand

Super Soil

Peaceful Valley

Farm Supply

Ferry Mores

Jiffy Mix

#### By Application

Cultivation

Lawns

Commercial Developments

Sports Fields

Green Spaces

#### Key Companies Analysed

The Scotts Miracle-Gro Company

Klasmann-Deilmann GmbH

BASF SE

Vulcan Materials Company

Copeland Corp.

Bark Unlimited Organics (Pty) Ltd.

Tim O'Hare Associates LLP

Biomix Pty Ltd.

Delta Companies Inc.

Resource Management, Inc.

## Manufactured Soil Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

## Manufactured Soil Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

## Countries Covered

North America — Manufactured Soil market data and outlook to 2034

United States

Canada

Mexico

Europe — Manufactured Soil market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Manufactured Soil market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Manufactured Soil market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Manufactured Soil market data and outlook to 2034

Brazil

Argentina

Chile

Peru

*\* We can include data and analysis of additional countries on demand.*

## Research Methodology

This study combines primary inputs from industry experts across the Manufactured Soil value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

## Key Questions Addressed

What is the current and forecast market size of the Manufactured Soil industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth

potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to invest over the next 3–5 years?

## Your Key Takeaways from the Manufactured Soil Market Report

Global Manufactured Soil market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Manufactured Soil trade, costs, and supply chains

Manufactured Soil market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Manufactured Soil market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Manufactured Soil market trends, drivers, restraints, and opportunities

Porter’s Five Forces analysis, technological developments, and Manufactured Soil supply chain analysis

Manufactured Soil trade analysis, Manufactured Soil market price analysis, and

Manufactured Soil supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Manufactured Soil market news and developments

### Additional Support

With the purchase of this report, you will receive

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7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

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*\* The updated report will be delivered within 3 working days*

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