

Soil Amendments Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, 2018-2028F Segmented By Type (Organic and Inorganic), By Soil Type (Cereals & Grains, Oilseeds & Pulses, Fruits & Vegetables), By Form (Dry & Liquid), By Region and Competition

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## **Abstracts**

The Global Soil Amendments Market is expected to grow with an impressive CAGR in the forecast period 2024-2028. Soil amendments are ingredients that are added to the soil to enhance its physical properties. These improvements include soil permeability, water retention, aeration, drainage, and soil structure. Soil amendments encompass a wide range of materials, including organic and inorganic substances. Organic amendments, such as compost, manure, biochar, and crop residues, improve soil structure, increase organic matter content, and enhance nutrient cycling. Inorganic amendments, such as lime, gypsum, and elemental sulfur, are used to adjust soil pH and improve nutrient availability. Additionally, amendments contribute to overall soil health by improving soil structure, promoting beneficial microbial activity, and enhancing water-holding capacity. By optimizing soil conditions, amendments support optimal plant growth and yield. Moreover, the awareness of soil health management is contributing to the market demand and propelling market growth in the forecast period. The growing popularity of organic agriculture also plays a significant role in the increased demand for soil amendments. Humic substances, which are organic carbon-containing materials, are widely available and add nutritive value to the soil. Organic farmers heavily rely on organic amendments, such as compost and manure, to enhance soil fertility and meet organic certification standards. The rising consumer demand for organic products further fuels the demand for organic amendments. Soil products, such as humic acid, are cost-efficient, easily available, and beneficial for soil quality. Improving soil quality



through the addition of soil amendments leads to improved produce quality and increased crop yield, thereby helping farmers produce high-quality organic products.

## The Rising Demand for Food & Agricultural Commodities

With the increasing demand for food and food products due to the growing global population, the demand for soil amendments has also increased. This is because the growing population requires an efficient and continuous flow of food to fulfill its demand. For instance, countries in the Asia-Pacific region, being an important player in the global food chain, account for approximately 19% of global food and agricultural exports, along with 31% of total food and agricultural imports. As a result, there is a huge demand for agricultural commodities to meet the increased food demand.

## Growing Environmental and Soil Degradation

Rising awareness regarding the advantages of managing soil health is a major factor supporting the growth of the Global Soil Amendments Market. The main role of soil amendments is to provide materials that improve soil health. The increasing exposure and development of several mines, leading to the development of barren soil lands, degrades the soil available for agricultural purposes and makes it susceptible to soil erosion by wind or water. For instance, according to a Cornell study, in the US in 2017, it was estimated that soil disappears ten times faster than the natural rate of replenishment, resulting in the loss of nearly 1.7 billion tons of farmland per year. Additionally, the study also revealed that this led to an annual loss of approximately USD37 billion in agricultural production as an economic loss in the form of soil loss. This scenario increases the mandatory demand for soil amendments to make the soil quality appropriate for agricultural purposes, thereby bolstering the market growth.

## **Rise In Industrial Events**

The growing industrialization has led to an increase in soil degradation worldwide. The increasing soil degradation issue has resulted in a significant growth of the soil amendments market. The growing industrialization is leading to higher rates of soil contamination due to the leaching of heavy metals such as lead, thus degrading soil quality. Moreover, poor land management contributes to soil loss. For instance, poor land management in Europe accounts for an estimated soil loss of 970 million by erosion each year, with high impacts on food production and biodiversity. Industrial events result in increased demand for soil amendments to restore nutrient richness and food quality.



Market Segmentation

The Global Soil Amendments Market is segmented based on the Type, Soil Type, Form, Region and Competitive Landscape. Based on Type, the market is segmented into organic and inorganic. Based on Soil Type, the market is segmented into Cereals & Grains, Oilseeds & Pulses, and Fruits & Vegetables. Based on Form, the marketed is segmented into dry and liquid. Based on Region, the market is further segmented into North America, Europe, Asia-Pacific, South America, and MEA.

Market Players

BASF SE, FMC Corporation, UPL Limited, Nufarm, Evonik Industries AG, Novozymes A/S, ADAMA Ltd, Bayer, T. Stanes & Company, Agrinos, etc., are some of the major players operating in the Global Soil Amendments Market.

Report Scope:

In this report, Global Soil Amendments Market has been segmented into following categories, in addition to the industry trends which have also been detailed below:

Soil Amendments Market, By Type:

Organic

Inorganic

Soil Amendments Market, By Soil Type:

Cereals & Grains

Oilseeds & Pulses

Fruits & Vegetables

Soil Amendments Market, By Form:

Dry



## Liquid

## Soil Amendments Market, By Region:

North America

**United States** 

Canada

Mexico

## Europe

Germany

France

United Kingdom

Italy

Spain

Asia-Pacific

China

Japan

India

South Korea

Australia

Middle East & Africa

South Africa



Saudi Arabia

UAE

Kuwait

South America

Brazil

Argentina

Colombia

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in Global Soil Amendments Market.

Available Customizations:

With the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional Market players (up to five).



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