

Global Silicon Fertilizers Market Size study & Forecast, by Type (Calcium Silicate, Potassium Silicate, Sodium Silicate), by Product (Water-Soluble Type, Citrate-Soluble Type), by Form (Liquid, Solid), by Application (Field Crops, Horticultural Crops, Hydroponics, Floriculture) and Regional Analysis, 2022-2029

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Abstracts

Global Silicon Fertilizers Market is valued at approximately USD 99.3 million in 2021 and is anticipated to grow with a healthy growth rate of more than 3.85% over the forecast period 2022-2029. Silicon fertilizer is highly beneficial in the agriculture sector as it improves plant nutrition and protects the plants from diseases. It also helps develop plant roots which promote upright field growth and horticultural crops. Silicon fertilizers are widely used in crops such as wheat, corn, sugarcane, cucumber, citrus and tomato. The growth in the agriculture sector and high production of field crops are expanding the silicon fertilizer Market.

The rapid growth in field crop production, such as coarse grains, wheat, rice, and more, is one of the primary reasons for the growth of the Silicon Fertilizers Market. According to the United States Department of Agriculture (USDA), In 2020, the global coarse grains production was 1,434 million metric tons. And In 2021, it was 1,498.9 million metric tons, an increase in output by 4.5% over the period. Also, Various product innovations, such as organic farming and growth in the agriculture sector, provide fuel to market growth. Moreover, the increasing availability of cultivable land and the increase in funding for research and development over food security are anticipated to drive the market growth. However, increasing bio and natural fertilizer markets stifle the market growth throughout the forecast period of 2022-2029.

The key regions considered for the Silicon Fertilizers Market study includes Asia Pacific, North America, Europe, Latin America, and Rest of the World. Asia-Pacific dominated the Silicon Fertilizers Market in terms of largest share due to the increasing agriculture sector in the region. For instance, according to the US Department of Agriculture, in 2020, the total food crop production in Asia-Pacific was about 998.8 million metric tons, and it was about 1026.7 million metric tons in 2021. North America is expected to grow with the highest CAGR during the forecast period, owing to factors increasing demand for sustainable food products is expected to sustain its dominance throughout its forecast period.

Major market player included in this report are:

Agripower Australia Ltd.

Compass Minerals International, Inc.

Khandelwal Biofertilizer

MaxSil Pty Ltd.

Plant Tuff Inc.

Redox Ltd.

Satpura Bio Fertilizers India Private Limited

Sigma AgriScience LLC

Vedant Agro Science Technologies Private Limited

Jaipur Bio Fertilizers

Recent Developments in the Market:

? In April 2021, a leading agricultural innovator, Levity Crop Science, launched Zeme, a revolutionary new invented silicon fertilizer that has improved mobility that will help farmers around the world produce higher yields and give better performance than conventional silicon products.

Global Silicon Fertilizers Market Report Scope:

Historical Data 2019-2020-2021

Base Year for Estimation 2021

Forecast period 2022-2029

Report Coverage Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered Type, Product, Form, Application, Region

Regional Scope North America; Europe; Asia Pacific; Latin America; Rest of the World

Customization Scope Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in

recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Type:

- Calcium Silicate
- Potassium Silicate
- Sodium Silicate

By Product:

- Water-Soluble Type
- Citrate-Soluble Type

BY Form:

- Liquid
- Solid

By Application:

- Field Crops
- Horticultural Crops
- Hydroponics
- Floriculture

By Region:

- North America
 - U.S.
 - Canada
- Europe
 - UK
 - Germany
 - France
 - Spain
 - Italy

ROE
Asia Pacific
China
India
Japan
Australia
South Korea
RoAPAC
Latin America
Brazil
Mexico
Rest of the World

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