

Israel Fertilizer Market By Origin (Organic, Synthetic, Bio-fertilizer), By Form (Solid and Liquid), By Mode of Application (Foliar Spraying, Fertigation, Sowing, Broadcasting, Spraying, Drip Method, Others), By Crop Type (Grains & Cereals, Pulses & Oilseeds, Commercial Crops, Fruits & Vegetables, Other), By Source (Domestic and Import), By Region, Competition, Forecast & Opportunities, 2020-2030F

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Abstracts

Israel Fertilizer Market was valued at USD 67.95 Million in 2024 and is expected to reach USD 100.85 Million by 2030 with a CAGR of 6.76% during the forecast period. Fertilizer is a substance typically added to soil or plants to boost their growth and increase yield. It contains essential nutrients such as nitrogen, phosphorus, and potassium, which are vital for plant growth. Fertilizers can be organic, derived from plant or animal matter, or inorganic, made from synthetic chemicals. They play a pivotal role in agriculture by enhancing soil fertility and promoting plant health.

The fertilizer market in Israel is a significant sector within the country's agricultural industry. It's characterized by a strong emphasis on innovative and efficient fertilizer products, driven by Israel's cutting-edge agricultural technology sector. This market includes both domestic production and importation of various types of fertilizers, and the demand is largely influenced by the needs of Israel's diverse agricultural outputs, from citrus fruits to desert agriculture. Major players in this market also export their products worldwide, contributing to Israel's economy.

Key Market Drivers

Agricultural Innovation & Technology Adoption

Israel's fertilizer market is being driven by the country's commitment to agricultural innovation and the widespread adoption of advanced technologies in farming practices. Israel has gained a global reputation for its expertise in precision agriculture, drip irrigation, and controlled-release fertilizer technologies. Farmers in the country are increasingly integrating smart farming solutions that optimize nutrient management, ensuring precise and efficient fertilizer application. In March 2021, ICL, a leading global specialty minerals and chemicals company, announced that it has entered into a definitive agreement to acquire Compass Minerals Am?rica do Sul S.A., which includes Compass Minerals' South American Plant Nutrition business. This acquisition follows the planned carve-out of its water treatment and chemicals businesses, with a total value of approximately R\$2,207 million (~US\$402 million, based on an exchange rate of R\$5.4951/US\$1.00). The deal includes the assumption of around R\$600 million (~US\$109 million) in net debt, subject to standard post-closing adjustments. Additionally, the transaction features an earnout of up to approximately R\$88 million (~US\$16 million).

The use of technology-driven approaches enhances the effectiveness of fertilizers, minimizing waste and environmental impact. As Israel continues to pioneer agricultural innovation, the fertilizer market is propelled by the demand for cutting-edge solutions that improve crop yields and resource utilization.

Key Market Challenges

Limited Natural Resources & Dependency on Imports

One of the primary challenges facing the fertilizer market in Israel is the nation's limited availability of natural resources, particularly phosphates and potassium. Israel heavily relies on imports to meet its demand for these essential fertilizer components. The global market fluctuations and geopolitical tensions affecting the supply chain can lead to uncertainties and price volatility in the fertilizer market.

Addressing this challenge requires strategic planning, diversification of sourcing, and investments in technologies that enhance nutrient use efficiency. Additionally, exploring alternative sources of phosphates and potassium or investing in domestic production capabilities could mitigate the vulnerability associated with dependency on imported raw materials.

Key Market Trends

Growing Demand for Organic & Specialty Fertilizers

The Israel fertilizer market is experiencing a growing demand for organic and specialty fertilizers, reflecting a broader global trend towards sustainable and environmentally friendly agriculture. Consumers are increasingly conscious of the impact of conventional fertilizers on soil health and water quality, prompting a shift towards alternatives that promote organic farming practices. Organic fertilizers, derived from natural sources such as compost, manure, and plant residues, are gaining popularity for their ability to enhance soil structure and microbial activity. These fertilizers provide essential nutrients to plants in a slow-release manner, ensuring long-term nourishment and minimizing the risk of nutrient runoff. Moreover, they promote the growth of beneficial soil organisms, fostering a healthy and balanced ecosystem underground. In September 2022, Israel specialty minerals company ICL has introduced ego.x controlled release urea, a rapidly biodegradable release technology designed for open field agriculture. This innovative solution uses a coating that enables farmers to enhance crop performance while minimizing environmental impact. It reduces nutrient loss and boosts nutrient use efficiency by up to 80%. The technology also allows for increased or comparable yields with lower fertilizer rates, helps decrease the number and quantity of nitrogen applications, and ensures a consistent and predictable nutrient release.

Key Market Players

Israel Chemicals Limited

Nutrien Ltd.

Yara International ASA

Omnia Group Limited

Rolfes Agri (Pty) Ltd.

CF Industries Holdings, Inc.

Koch Fertilizer, LLC

Hellagrolip SA

Coromandel International Limited

Notore Chemical Industries Plc

Report Scope:

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

Israel Fertilizer Market, By Origin:

Organic

Synthetic

Bio-fertilizer

Israel Fertilizer Market, By Form:

Solid

Liquid

Israel Fertilizer Market, By Mode of Application:

Foliar Spraying

Fertigation

Sowing

Broadcasting

Spraying

Drip Method

Others

Israel Fertilizer Market, By Crop Type:

Grains & Cereals

Pulses & Oilseeds

Commercial Crops

Fruits & Vegetables

Others

Israel Fertilizer Market, By Source:

Domestic

Import

Israel Fertilizer Market, By Region:

The Mediterranean Coastal Plain

The Central Hills

The Jordan Rift Valley

The Negev Desert

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Israel Fertilizer Market.

Available Customizations:

Israel Fertilizer Market report 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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