

Mexico Specialty Fertilizer Market, By Crop Type (Cereals & Grains, Oilseeds & Pulses, Fruits & Vegetables, Others), By Technology (Slow-Release, N-Stabilizers, Coated & Encapsulated, Chelated, Others), By Region, Competition, Forecast & Opportunities, 2020-2030F

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Report description:

Mexico Specialty Fertilizer Market was valued at USD 402.81 Million in 2024 and is expected to reach USD 435.85 Million by 2030 with a CAGR of 4.28% during the forecast period. Mexico, a country with a rich agricultural heritage dating back centuries, is currently undergoing a significant transformation in its farming practices. This change is driven by a growing awareness of the need for sustainable agriculture and the importance of maximizing crop yields. Within this evolving landscape, the specialty fertilizer market is emerging as a critical segment in Mexico's agro-economy. Specialty fertilizers, specifically engineered to provide crops with specific nutrients that are often lacking in traditional fertilizers, are gaining traction among Mexican farmers. The demand for these innovative fertilizers is steadily rising as they offer a promising solution to boost crop yield, improve soil health, and reduce environmental impact. One type of specialty fertilizer that has garnered attention is controlled-release fertilizers. These fertilizers are designed with a polymer coating that enables nutrients to be released gradually over an extended period. This controlled-release mechanism ensures that plants receive a consistent supply of nutrients, minimizing nutrient loss and enhancing overall plant health. Sustainability is a critical factor driving the growth of the specialty fertilizer market in Mexico. As the global agricultural industry increasingly emphasizes sustainable farming practices, Mexican farmers are embracing specialty fertilizers for their ability to enhance crop yields while minimizing nutrient runoff. By opting for these fertilizers, farmers not only contribute to the production of high-quality agricultural produce but also play their part in reducing environmental impact. In support of sustainable agriculture, the Mexican government has implemented initiatives aimed at promoting eco-friendly farming practices.

Key Market Drivers

Growth in Precision Agriculture

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Precision agriculture is a farming management concept that revolves around carefully observing, measuring, and responding to both inter- and intra-field variability in crops. By leveraging advanced technologies, precision agriculture aims to enhance productivity and profitability while minimizing wastage and ensuring long-term sustainability. One crucial aspect of precision agriculture is the use of specialty fertilizers, which are specifically engineered to cater to the unique nutrient requirements of crops. These fertilizers offer a high concentration of nutrients and can be applied in a targeted manner, optimizing their utilization, and reducing the overall environmental impact. Mexico's rapidly growing population has become a key driver of the agrochemicals market, reaching 132.2 million in 2022—a notable 3% increase from 2020.

Key Market Challenges

Variability in Cost and Affordability of Specialty Fertilizers

Specialty fertilizers are specifically engineered to cater to the unique nutrient requirements of crops, offering a range of benefits that conventional fertilizers may not provide. While they are typically more expensive, their higher cost is justified by the advantages they offer.

These fertilizers boast a higher nutrient concentration, ensuring that crops receive the necessary nourishment for optimal growth. Their enhanced efficiency allows for better absorption and utilization of nutrients, reducing waste and minimizing the environmental impact. Additionally, specialty fertilizers often incorporate advanced technologies, such as controlled-release mechanisms, which slowly release nutrients over time. This not only ensures a steady supply of nutrients but also reduces the frequency of fertilizer applications, saving both time and resources. However, despite the numerous benefits, the high cost of specialty fertilizers poses a challenge, particularly for small-scale farmers in Mexico. These farmers, who form a significant portion of the country's agricultural sector, often face financial constraints that limit their ability to invest in specialty fertilizers. Despite recognizing the advantages, affordability remains a hurdle.

Furthermore, the specialty fertilizer market is affected by the volatility in raw material prices and fluctuating exchange rates, adding to the financial burden on farmers. These factors contribute to the challenges faced by both farmers and the industry as a whole, impacting the growth of the specialty fertilizer market in Mexico. Addressing the affordability issue and finding ways to make specialty fertilizers more accessible to small-scale farmers is crucial for sustainable agricultural practices and ensuring the long-term success of Mexico's agricultural sector.

Key Market Trends

Increasing Demand for High-Value Crops

High-value crops, such as fruits, vegetables, and ornamental plants, are gaining immense popularity in Mexico. This surge in popularity is attributed to their remarkable profitability and the rapidly growing consumer demand for fresh and healthy food options. As a result, the agricultural landscape in Mexico is witnessing a significant shift towards the cultivation of these high-value crops. In order to meet the specific nutrient requirements of these crops and ensure their optimal growth, the need for specialty fertilizers has become crucial. These specialized fertilizers play a critical role in the cultivation process, offering high nutrient concentration that can be applied in a targeted manner. By optimizing their use, crop yield and quality can be enhanced to remarkable levels. According to UN Comtrade data, Mexico's fertilizer import value surged from USD 1,345.2 million in 2017 to USD 2,091.5 million in 2021, reflecting a 44.7% increase compared to the previous year.

One instance of the importance of specialty fertilizers is the inclusion of micronutrients. These essential nutrients are often incorporated in specialty fertilizers to boost the yield and quality of high-value crops. Additionally, controlled-release fertilizers, which are another type of specialty fertilizer, provide a steady supply of nutrients over time. This promotes the healthy and continuous growth of these crops, ensuring their success. The increasing demand for high-value crops in Mexico has had a positive impact on the specialty fertilizer market. As farmers continue to shift their focus towards cultivating these crops, the demand for specialty fertilizers continues to rise, thereby driving the growth of the market.

Looking ahead, the specialty fertilizer market in Mexico is projected to experience steady growth. This growth is primarily driven by the escalating demand for high-quality crops and the need for specialized fertilizers to support their cultivation. Moreover, the global specialty fertilizers market is anticipated to expand significantly in the coming years, fueled by the increasing demand for high-efficiency fertilizers that can enhance agricultural productivity and sustainability. With the ever-increasing focus on high-value crops and the importance of specialty fertilizers in their cultivation, the agricultural sector in Mexico is poised for remarkable growth and success in the years to come.

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Key Market Players

- Nouryon Chemicals S.A. De C.V.
- Compo Expert Mexico S.A. de C.V.
- Fertinagro Biotech SL
- Nutrien Ltd.
- SQM Mexico SA de CV

Report Scope:

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

-□Mexico Specialty Fertilizer Market, By Crop Type:

- o Cereals & Grains
- o Oilseeds & Pulses
- o Fruits & Vegetables
- o Others

-□Mexico Specialty Fertilizer Market, By Technology:

- o Slow-Release
- o N-Stabilizers
- o Coated & Encapsulated
- o Chelated
- o Others

-□Mexico Specialty Fertilizer Market, By Region:

- o North
- o Central Mexico
- o Central North
- o South Mexico

Competitive Landscape

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

Available Customizations:

Mexico Specialty 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).

Table of Contents:

1. Product Overview
 - 1.1. Market Definition
 - 1.2. Scope of the Market
 - 1.2.1. Markets Covered
 - 1.2.2. Years Considered for Study
 - 1.2.3. Key Market Segmentations
2. Research Methodology
 - 2.1. Objective of the Study
 - 2.2. Baseline Methodology
 - 2.3. Key Industry Partners
 - 2.4. Major Association and Secondary Sources
 - 2.5. Forecasting Methodology
 - 2.6. Data Triangulation & Validations

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- 2.7. Assumptions and Limitations
- 3. Executive Summary
 - 3.1. Overview of the Market
 - 3.2. Overview of Key Market Segmentations
 - 3.3. Overview of Key Market Players
 - 3.4. Overview of Key Regions/Countries
 - 3.5. Overview of Market Drivers, Challenges, Trends
- 4. Voice of Customer
- 5. Mexico Specialty Fertilizer Market Outlook
 - 5.1. Market Size & Forecast
 - 5.1.1. By Value
 - 5.2. Market Share & Forecast
 - 5.2.1. By Crop Type (Cereals & Grains, Oilseeds & Pulses, Fruits & Vegetables, Others)
 - 5.2.2. By Technology (Slow-Release, N-Stabilizers, Coated & Encapsulated, Chelated, Others),
 - 5.2.3. By Region
 - 5.2.4. By Company (2024)
 - 5.3. Market Map
- 6. North Specialty Fertilizer Market Outlook
 - 6.1. Market Size & Forecast
 - 6.1.1. By Value
 - 6.2. Market Share & Forecast
 - 6.2.1. By Crop Type
 - 6.2.2. By Technology
- 7. Central Mexico Specialty Fertilizer Market Outlook
 - 7.1. Market Size & Forecast
 - 7.1.1. By Value
 - 7.2. Market Share & Forecast
 - 7.2.1. By Crop Type
 - 7.2.2. By Technology
- 8. Central North Specialty Fertilizer Market Outlook
 - 8.1. Market Size & Forecast
 - 8.1.1. By Value
 - 8.2. Market Share & Forecast
 - 8.2.1. By Crop Type
 - 8.2.2. By Technology
- 9. South Mexico Specialty Fertilizer Market Outlook
 - 9.1. Market Size & Forecast
 - 9.1.1. By Value
 - 9.2. Market Share & Forecast
 - 9.2.1. By Crop Type
 - 9.2.2. By Technology
- 10. Market Dynamics
 - 10.1. Drivers
 - 10.2. Challenges
- 11. Market Trends & Developments
 - 11.1. Merger & Acquisition (If Any)
 - 11.2. Product Launches (If Any)

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- 11.3. Recent Developments
- 12. Policy & Regulatory Landscape
- 13. Mexico Economic Profile
- 14. Mexico Specialty Fertilizer Market: SWOT Analysis
- 15. Porter's Five Forces Analysis
 - 15.1. Competition in the Industry
 - 15.2. Potential of New Entrants
 - 15.3. Power of Suppliers
 - 15.4. Power of Customers
 - 15.5. Threat of Substitute Products
- 16. Competitive Landscape
 - 16.1. Nouryon Chemicals S.A. De C.V.
 - 16.1.1. Business Overview
 - 16.1.2. Company Snapshot
 - 16.1.3. Products & Services
 - 16.1.4. Financials (As Reported)
 - 16.1.5. Recent Developments
 - 16.1.6. Key Personnel Details
 - 16.1.7. SWOT Analysis
 - 16.2. Compo Expert Mexico S.A. de C.V.
 - 16.3. Fertinagro Biotech SL
 - 16.4. Nutrien Ltd.
 - 16.5. SQM Mexico SA de CV
- 17. Strategic Recommendations
- 18. About Us & Disclaimer

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