+357 96 030922
info@marketpublishers.com

South America Agrochemical Intermediates Market, By Product Type (Amines, Alkyl Amines, Aldehydes, Acids, Others), By Application (Herbicides, Insecticides, Fungicides, Nematicides, Others), By Country and Competition, Forecast & Opportunities, 2018-2028F

https://marketpublishers.com/r/SDC5CFFE869CEN.html
Date: October 2023
Pages: 72
Price: US$ 4,000.00 (Single User License)
ID: SDC5CFFE869CEN

Abstracts

The South America Agrochemical Intermediates Market was valued at USD 4140.52 Million in 2022 and is anticipated to project robust growth in the forecast period with a CAGR of 2.24% through 2028. Agrochemical intermediates are pivotal components in the production of agricultural chemicals, including pesticides, herbicides, fungicides, and fertilizers. These specialized chemicals serve as the building blocks for the formulation of end-use agrochemical products. The demand for agrochemical intermediates is driven by several key factors that are reshaping the global agriculture industry. Additionally, the emergence of resistant pests and diseases is driving the need for innovative agrochemical solutions. Agrochemical intermediates are at the forefront of research and development efforts to create new, more potent pesticides and herbicides that can combat these evolving threats effectively. The convergence of these factors collectively contributes to the growth of the South America Agrochemical Intermediates Market within the forecast period.

Key Market Drivers

Rising Demand in Agriculture Sector

The agricultural sector is the backbone of our global food supply, and its efficiency and productivity are crucial for sustaining a growing population. In this quest for increased

+357 96 030922
info@marketpublishers.com

agricultural output and food security, agrochemicals play a pivotal role. Agrochemicals, including pesticides, herbicides, and fertilizers, have become essential tools for modern farming. However, the production of these agrochemicals involves a complex process that relies heavily on agrochemical intermediates. These intermediates are the building blocks, precursors, and essential components in the manufacturing of various agrochemical products. Agrochemicals, such as fertilizers, provide essential nutrients to crops, enhancing their growth and yield. Agrochemical intermediates are the essential components in the production of these fertilizers. They enable the synthesis of nitrogen, phosphorus, and potassium-based fertilizers, which are crucial for replenishing soil nutrients and ensuring healthy plant growth. The demand for agrochemical intermediates in fertilizer production is expected to surge as farmers seek to maximize crop yields to meet the food demands of a growing population.

Moreover, in addition to fertilizers, pesticides and herbicides are vital tools for pest and weed control in agriculture. These chemicals help protect crops from diseases, pests, and invasive plants, ensuring higher crop yields and reduced post-harvest losses. Agrochemical intermediates are indispensable in the synthesis of these pest control agents. The development of new and more effective pesticides and herbicides relies on advanced intermediates that can provide better pest and weed control while minimizing environmental impact. As farmers face evolving challenges, such as the spread of resistant pests and changing climate conditions, the demand for innovative agrochemical intermediates will continue to grow to address these issues effectively.

Furthermore, the agricultural sector's growing awareness of sustainability and environmental responsibility is influencing the demand for agrochemical intermediates. Modern agriculture faces increasing scrutiny regarding its environmental impact, including the contamination of water bodies, soil degradation, and harm to non-target organisms. Agrochemical manufacturers are under pressure to develop environmentally friendly and biodegradable products. Agrochemical intermediates play a crucial role in this endeavor by enabling the synthesis of more eco-friendly agrochemicals. For example, the development of biopesticides and biologically derived fertilizers requires specialized intermediates that are both effective and environmentally safe. As sustainable agriculture practices gain momentum, the demand for such intermediates will rise significantly. Moreover, the food markets and changing dietary preferences are driving the demand for agrochemical intermediates in the agricultural sector. As more countries engage in international trade to meet their food demands, farmers are under pressure to produce high-quality crops that meet international standards. Agrochemicals and their intermediates are essential for achieving the desired crop quality. For

+357 96 030922
info@marketpublishers.com

example, fungicides and growth regulators are used to enhance the appearance and shelf life of fruits and vegetables. Agrochemical intermediates enable the production of these quality-enhancing chemicals, ensuring that agricultural products meet the stringent requirements of markets. The demand for agrochemical intermediates is not limited to crop protection and nutrition; it also extends to the production of genetically modified (GM) crops. GM crops, engineered to possess desirable traits such as resistance to pests or tolerance to herbicides, have gained widespread adoption in agriculture. These crops rely on specific agrochemicals, including intermediates, for their successful cultivation. For instance, the production of GM crops with herbicide tolerance requires the synthesis of specialized herbicides and their intermediates. As biotechnology continues to play a crucial role in agriculture, the demand for agrochemical intermediates tailored to GM crop cultivation will remain strong.

Additionally, the increasing adoption of precision agriculture practices is driving the demand for agrochemical intermediates that can be used in conjunction with advanced technologies. Precision agriculture leverages data, sensors, and automation to optimize crop management, allowing farmers to apply agrochemicals with greater precision and efficiency. Agrochemical intermediates are needed to formulate products that can be precisely calibrated for specific field conditions. For example, agrochemicals with controlled-release properties, made possible by advanced intermediates, ensure that nutrients are delivered to crops when and where they are needed, minimizing waste and environmental impact. As precision agriculture becomes more prevalent, the demand for tailored agrochemical intermediates will continue to rise. Therefore, increasing demand in agriculture sector dominates the growth of the market in the upcoming years.

Growing Demand of Agrochemical Intermediates in Herbicides

In the agriculture sector, herbicides are invaluable tools for controlling unwanted weeds that can compete with crops for vital resources like water, nutrients, and sunlight. These chemicals play a crucial role in ensuring healthy crop growth, maximizing yields, and minimizing post-harvest losses. However, the production of effective herbicides is a complex process that relies heavily on specialized agrochemical intermediates. These intermediates are essential components in the synthesis of herbicides, allowing for the creation of innovative and efficient weed control solutions. As the demand for food and agricultural products continues to rise, so does the demand for herbicides and, consequently, the agrochemical intermediates that enable their production. One of the primary drivers of the demand for herbicides is the growing need for increased agricultural productivity. With a world population projected to reach 9.7 billion by 2050, farmers are under immense pressure to produce more food with limited arable land.

+357 96 030922
info@marketpublishers.com

Weeds are among the most significant threats to crop yields, often outcompeting desirable plants for resources. Herbicides provide a solution to this problem by selectively targeting and eliminating weeds, allowing crops to thrive. Agrochemical intermediates are critical in the formulation of herbicides that are both effective against a wide range of weed species and safe for crops. The demand for herbicides and their intermediates is expected to surge as farmers seek to maximize crop yields to meet the food demands of a growing population. Furthermore, changes in agricultural practices and cropping patterns are influencing the demand for herbicides and their intermediates. The adoption of conservation tillage and no-till farming practices has led to increased weed pressure in some regions. These practices reduce soil disturbance, which can promote weed growth. In response, farmers are turning to herbicides with innovative formulations and modes of action to combat herbicide-resistant weeds effectively. Agrochemical intermediates enable the development of these next-generation herbicides, which are essential for sustainable weed management in modern agriculture.

Moreover, the globalization of food markets and changing dietary preferences are driving the demand for herbicides in the agricultural sector. As more countries engage in international trade to meet their food demands, farmers are under pressure to produce high-quality crops that meet international standards. Herbicides are essential for ensuring crop quality by controlling weeds that can reduce crop marketability and value. For example, herbicides can be used to eliminate weeds with thorny structures or undesirable flavors. Agrochemical intermediates facilitate the production of herbicides tailored to specific crop quality requirements, ensuring that agricultural products meet the stringent requirements of markets. The rising importance of sustainable and environmentally friendly agriculture is also influencing the demand for herbicides and their intermediates. Modern agriculture faces increasing scrutiny regarding its environmental impact, including issues such as water pollution and soil degradation. Agrochemical manufacturers are under pressure to develop herbicides that are not only effective but also environmentally safe. Agrochemical intermediates play a crucial role in this endeavor by enabling the synthesis of more eco-friendly herbicides that can control weeds while minimizing harm to non-target organisms and the environment. As sustainable agriculture practices gain momentum, the demand for herbicides with reduced environmental impact will continue to grow. All these factors dominate the demand of agrochemicals intermediates in the forecast period.

Rising Implementation of Advanced Farming Techniques

Modern agriculture is in the midst of a transformative revolution, driven by a

+357 96 030922
info@marketpublishers.com

convergence of cutting-edge technologies and innovative farming practices. This revolution is collectively referred to as 'advanced farming techniques,' and it is fundamentally changing the way we grow and manage crops. At the heart of this transformation lie agrochemical intermediates, the chemical compounds that serve as building blocks for the production of various agrochemicals such as pesticides, herbicides, and fertilizers. These intermediates play a pivotal role in enabling the development and application of advanced farming techniques that are essential for sustainable and efficient agriculture. Precision agriculture is one of the most prominent advancements in modern farming, and it relies heavily on agrochemical intermediates to achieve its goals. This technique involves the use of various technologies such as GPS guidance systems, drones, and sensors to collect real-time data on soil conditions, weather patterns, and crop health. Farmers can then use this data to make informed decisions about when, where, and how to apply agrochemicals. Agrochemical intermediates are essential in the formulation of precision-targeted pesticides and fertilizers that can be precisely applied to specific areas of a field, reducing waste and minimizing environmental impact.

Moreover, integrated pest management is an approach that focuses on preventing and managing pests in a holistic and environmentally responsible manner. It combines various pest control strategies, including biological control, crop rotation, and the targeted use of pesticides. Agrochemical intermediates play a crucial role in the production of biopesticides, which are derived from living organisms such as beneficial insects, bacteria, and fungi. These biopesticides are effective in controlling pests while minimizing harm to non-target organisms and the environment. The demand for agrochemical intermediates used in the production of biopesticides is on the rise as farmers increasingly embrace IPM practices. Organic farming is gaining popularity as consumers seek food produced without synthetic chemicals. Agrochemical intermediates have a role to play in organic farming as well. While organic farming primarily relies on natural and non-synthetic inputs, there are cases where the use of approved organic pesticides and fertilizers is necessary. Agrochemical intermediates are involved in the formulation of these organic-approved inputs, ensuring that organic farmers have access to effective tools while adhering to organic certification standards. Thus, the large number of benefits of agrochemical intermediates is anticipated to drive the demand of South America Agrochemical Intermediates Market in the forecast period.

Key Market Challenges

Stringent Regulatory Landscape

+357 96 030922
info@marketpublishers.com

One of the foremost challenges confronting the agrochemical intermediates market is the increasingly stringent regulatory landscape. Governments worldwide are imposing stricter regulations on the use of agrochemicals, including the intermediates used in their production. Compliance with these regulations requires extensive testing, documentation, and adherence to safety standards. The registration and approval process for new agrochemical intermediates can be arduous and time-consuming, leading to significant delays and costs. Navigating this regulatory maze demands substantial financial resources and technical expertise, often posing barriers to entry for smaller players and hindering innovation in the industry.

Moreover, changing consumer preferences and a growing demand for organic and sustainably grown produce have a trickle-down effect on the agrochemical intermediates market. Consumers increasingly favor food products free from pesticide residues and prefer environmentally responsible farming practices. As a result, farmers may opt for organic-certified agrochemicals or reduce their reliance on chemical inputs altogether. This shift in demand requires the agrochemical intermediates market to adapt by offering more sustainable and organic-compatible solutions.

Environmental Concerns and Sustainability

Agriculture's environmental footprint has come under scrutiny, and agrochemical intermediates are no exception. The environmental impact of chemical-intensive farming, including pesticide and fertilizer runoff, soil degradation, and harm to non-target organisms, has prompted calls for more sustainable agricultural practices. Agrochemical intermediates that give rise to eco-friendly and biodegradable agrochemicals are increasingly sought after. There is a growing emphasis on developing intermediates that enable precision application, reducing overuse and minimizing environmental contamination. Meeting these sustainability goals while maintaining the efficacy of agrochemicals presents a significant challenge for the industry.

Moreover, pests, diseases, and weeds continually evolve, developing resistance to commonly used agrochemicals. This necessitates the development of novel agrochemical intermediates and formulations that can combat resistance effectively. Resistance management strategies demand ongoing research and innovation, as well as the ability to bring new solutions to market swiftly. Moreover, farmers must adopt integrated pest management (IPM) practices that combine various control methods, including the judicious use of agrochemicals, to mitigate resistance development.

+357 96 030922
info@marketpublishers.com

Key Market Trends

Sustainability

Perhaps the most profound trend shaping the agrochemical intermediates market is the heightened emphasis on sustainability. Environmental consciousness and concerns about the ecological impact of chemical-intensive farming practices have prompted a reevaluation of agrochemical products. Manufacturers are increasingly investing in the development of more sustainable and eco-friendly intermediates that lead to the production of greener pesticides, herbicides, and fertilizers. These intermediates aim to reduce the environmental footprint of agriculture, including minimizing soil and water contamination, while maintaining or enhancing crop yields.

Furthermore, the advent of precision agriculture technologies is driving the need for more precise and tailored agrochemical solutions. Intermediates are being formulated to work in concert with precision farming techniques, enabling farmers to apply pesticides and fertilizers with pinpoint accuracy. This not only reduces chemical wastage but also minimizes the environmental impact and improves overall farm efficiency. Agrochemical intermediates are evolving to support the goals of precision agriculture, including variable rate applications and data-driven decision-making.

Regulatory bodies are tightening their oversight of agrochemical products, including intermediates. Stricter regulations, registration requirements, and safety standards are driving innovation in the sector. Agrochemical intermediates must meet stringent criteria for safety, efficacy, and environmental impact. Manufacturers are investing in research and development to ensure compliance with evolving regulatory frameworks.

Bio-Based Intermediates and Consumer Preferences

The demand for bio-based agrochemical intermediates is on the rise. Biopesticides, biofertilizers, and biologically derived intermediates are gaining traction as safer and more sustainable alternatives to conventional chemical counterparts. These intermediates harness the power of beneficial microorganisms, natural compounds, and organic materials to combat pests and enhance soil health. The trend towards bio-based intermediates aligns with the growing popularity of organic farming and sustainable agriculture practices.

Additionally, consumer preferences are exerting indirect pressure on the agrochemical intermediates market. Consumers are increasingly concerned about pesticide residues

+357 96 030922
info@marketpublishers.com

on food products and the environmental impact of farming practices. As a result, there is a growing demand for transparency in the supply chain, from intermediates to end products. Manufacturers are responding by adopting sustainable and traceable sourcing practices.

Furthermore, integrated pest management (IPM) is gaining prominence as a holistic approach to crop protection. IPM emphasizes the judicious and strategic use of agrochemicals in combination with other pest control methods, such as biological controls, crop rotation, and monitoring. Agrochemical intermediates are being designed to complement IPM strategies, allowing farmers to reduce reliance on chemicals while maintaining effective pest and disease control.

Segmental Insights

Product Type Insights

Based on the product type, the amines segment is expected to register the highest growth of 2.65% during the forecast period 2024-2028. The market for agrochemical intermediates is expanding because of the products' wide variety of uses, affordability, high level of environmental sustainability, and low regulatory compliance requirements. The manufacture of several agrochemicals, including insecticides, fungicides, and plant growth regulators, uses amines as flexible intermediates. Amines are a top choice for businesses in the agrochemical intermediates market due to their wide range of uses. Aside from that, amines are attractive to businesses in this sector since they adhere to legal standards. For instance, amines are frequently used in the synthesis of agrochemicals that are approved for use in the region by regulatory bodies. This adherence to legal requirements aids in the expansion of the South America Agrochemical Intermediates market.

Application Insights

Based on the application, the herbicides segment is expected to register the highest growth of 2.72% during the forecast period, 2024-2028. The growth of agricultural operations, the potential for novel solutions, and helpful government policies are all factors contributing to this development. Herbicides are essential for weed management because they increase agricultural yields and increase food security. Herbicide use makes it possible to create specialized solutions for various crops and geographical areas. Because of their ability to adapt, businesses may set themselves apart from the competition by offering customized solutions that meet the unique needs of their clients.

+357 96 030922
info@marketpublishers.com

The expansion of the South America Agrochemical Intermediates Market is being driven by the increase in herbicide demand, which is being driven by rising food demands and the emphasis on sustainable agriculture methods during the forecast period.

Country Insights

Brazil will witness largest growth during the forecast period, 2024-2028. Brazil, with its vast agricultural expanse and diverse crop portfolio, stands as a significant player in the global agrochemical intermediates market. The demand for these intermediates in Brazil is shaped by several key factors. Firstly, the country's agricultural sector is under constant pressure to meet the food demands of both its domestic population and international export markets. This necessitates the use of agrochemicals, including intermediates, to optimize crop yields and ensure crop protection.

Moreover, Brazil's shift toward sustainable and environmentally responsible agriculture has fueled the demand for agrochemical intermediates that align with these principles. With increasing global awareness of the environmental impact of farming practices, Brazilian farmers are seeking intermediates that minimize soil and water contamination, reduce chemical residues on crops, and promote biodiversity. This trend is particularly evident in the growing adoption of bio-based intermediates and integrated pest management strategies.

Furthermore, the Brazilian government's support for agriculture through various policies and incentives has boosted the agrochemical sector's growth. These policies encourage innovation in the development of intermediates that address specific challenges faced by Brazilian farmers, such as pest and disease management in tropical climates. Brazil's prominence as a producer of commodities like soybeans, sugarcane, and coffee also drives demand for agrochemical intermediates. These crops require efficient pest control and nutrient management, making intermediates indispensable for ensuring high-quality yields.

Key Market Players

Bayer SA

Yara Brasil SA

Sumitomo Corporation do Brasil S.A.

+357 96 030922
info@marketpublishers.com

Syngenta Agro S.A.

Corteva Agriscience Argentina S.R.L.

Report Scope:

In this report, the South America Agrochemical Intermediates Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

South America Agrochemical Intermediates Market, By Product Type:

Amines

Alkyl Amines

Aldehydes

Acids

Others

South America Agrochemical Intermediates Market, By Application:

Herbicides

Insecticides

Fungicides

Nematicides

Others

South America Agrochemical Intermediates Market, By Country:

Brazil

Argentina

+357 96 030922
info@marketpublishers.com

Colombia

Bolivia

Chile

Ecuador

Paraguay

Peru

Uruguay

Venezuela

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the South America Agrochemical Intermediates Market.

Available Customizations:

The South America Agrochemical Intermediates Market report with the given market data, Tech Sci 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).

+357 96 030922
info@marketpublishers.com

Contents

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: South America Agrochemical Intermediates Market, By Product Type (Amines, Alkyl Amines, Aldehydes, Acids, Others), By Application (Herbicides, Insecticides, Fungicides, Nematicides, Others), By Country and Competition, Forecast & Opportunities, 2018-2028F

Product link: https://marketpublishers.com/r/SDC5CFFE869CEN.html

Price: US$ 4,000.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:
info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page https://marketpublishers.com/r/SDC5CFFE869CEN.html