

Asia-Pacific Animal Feed Additive Market By Type (Amino Acids, Vitamins, Minerals, Enzymes & Others), By Livestock (Poultry, Swine, Cattle, Aquaculture & Others), By Region, Competition, Forecast & Opportunities, 2019-2029F

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Abstracts

Asia Pacific Animal Feed Additives Market was valued at USD 11.10 Billion in 2023 and is anticipated to project steady growth in the forecast period with a CAGR of 4.85% through 2029. Animal Feed Additives are substances added to animal feed to improve its nutritional value or promote healthier growth and development of livestock. These additives can include vitamins, minerals, amino acids, and enzymes, among others. They enhance the feed's efficiency, aid in the prevention of diseases, and can even influence the quality of the products derived from the animals, such as milk or meat.

The Asia-Pacific Animal Feed Additive market refers to the industry focused on the manufacturing and distribution of animal feed additives in the Asia-Pacific region. This region, which includes countries like China, India, Japan, Australia, and others, is a significant player in the global animal feed additive market due to its large livestock population and the increasing demand for animal-derived products. The additives produced in this area comprise of various vitamins, minerals, amino acids, enzymes, and other nutritional elements essential for the healthy growth and development of animals. The quality of these additives can directly influence the quality of livestock products like milk, meat, and eggs, making them a critical component in the region's agricultural sector.

Key Market Drivers

Increase in Pet Ownership

The Asia-Pacific region is witnessing a significant upward trend in pet ownership, a development poised to substantially bolster the demand for animal feed additives. This surge can be attributed to multiple factors, including a burgeoning middle class, rapid urbanization, and a growing inclination toward pet adoption for companionship and emotional well-being. These societal and economic shifts have driven an increase in disposable income, empowering pet owners to allocate greater resources toward the care and welfare of their animals. Pet ownership in the Asia-Pacific (APAC) region exhibits significant variation in attitudes and ownership rates across different markets. While an average of 59% of households in the region own a pet, the distribution is far from uniform. For instance, in Hong Kong, only 16% of households own a dog, in stark contrast to 47% in Thailand and an impressive 67% in the Philippines, which leads the region in dog ownership. This highlights the diverse cultural and societal factors influencing pet ownership trends. Dogs have solidified their status as the most popular pet in the region, with 32% of the population across twelve surveyed markets identifying as dog owners. Cats follow closely, accounting for 26% of pet ownership. Notably, in Indonesia and Malaysia, cats are more prevalent than dogs, with ownership rates of 47% and 34%, respectively, significantly surpassing the 10% and 20% ownership rates for dogs in these countries. Fish are the third most popular pet across the region, with a 15% ownership rate. However, it is worth noting that 41% of respondents in the surveyed markets indicated they do not currently own any pets.

A notable outcome of this evolving consumer behavior is the rising demand for premium pet care products, with high-quality animal feed being a key focus area. Animal feed additives, in particular, have gained prominence due to their ability to enhance the nutritional profile of pet food, support optimal gut health, and mitigate the risk of various animal diseases. These additives play a critical role in ensuring pets receive the necessary nutrients for healthy growth, robust immunity, and prolonged longevity, aligning with the heightened expectations of modern pet owners.

As this trend continues to gain traction, the market for animal feed additives is set to experience substantial growth. Pet owners are increasingly prioritizing the health and well-being of their animals, leading to a surge in demand for enriched and specialized feed formulations. This shift is further fueled by heightened awareness of animal health and nutrition among pet owners across the region, who are becoming more discerning about the quality of products they choose for their pets.

To capitalize on this burgeoning opportunity, manufacturers in the animal feed additive industry are intensifying their efforts to innovate and diversify their product portfolios. By

introducing advanced and efficient feed additives, they aim to cater to the evolving preferences of pet owners and address the specific nutritional requirements of various pets. This strategic focus not only ensures market relevance but also positions companies to capture a significant share of this expanding market segment. The intersection of rising pet ownership, increasing disposable income, and growing awareness of animal health is creating a fertile ground for the growth of the animal feed additive market in the Asia-Pacific region. Manufacturers that proactively invest in research and development, product innovation, and customer engagement are well-positioned to leverage this upward trajectory and secure a competitive edge in this dynamic market.

Technological Advancements in Feed Production

Technological advancements in feed production are set to play a transformative role in shaping the demand for animal feed additives across the Asia-Pacific region. The adoption of cutting-edge technologies, such as precision feeding systems and advanced feed processing methods, has revolutionized the efficiency and quality of feed production. These innovations have enabled manufacturers to produce nutritionally optimized feeds, leading to a heightened demand for feed additives that enhance animal health, improve feed efficiency, and boost overall productivity in livestock farming. The Third Action Plan by the World Organisation for Animal Health (WOAH) Regional Commission for Asia-Pacific builds on the outcomes of the 2012 and 2015 RAWs action plans and insights from surveys conducted in 2019 and 2021. Aligning regional practices with global standards while addressing local needs. Providing training for veterinarians and stakeholders to promote best practices. Enhancing collaboration between governments, industry, and civil society. Establishing robust systems to track progress and refine strategies. Educating the public on the importance of humane animal treatment.

The technological evolution has also facilitated the development of novel feed additives tailored to meet the growing demands of the livestock sector. Probiotics, enzymes, and amino acids, for instance, have emerged as key components of modern feed formulations. These additives not only support gut health and disease prevention but also contribute to sustainable farming practices by improving nutrient absorption and reducing environmental impact. Their increasing adoption underscores the vital role of technology in addressing the complex challenges of contemporary animal agriculture. The integration of digital tools and data analytics into feed production processes has significantly enhanced the precision and management of feed additive usage. By leveraging real-time data, feed manufacturers can monitor feed quality, optimize

additive formulations, and ensure cost-effective utilization. This data-driven approach not only enhances operational efficiency but also aligns with the growing emphasis on sustainability and traceability in the food supply chain.

The Asia-Pacific region, characterized by its rapidly expanding livestock industry and growing embrace of agricultural technologies, is poised to witness a marked surge in demand for animal feed additives. This upward trend is further fueled by the region's rising population, increasing urbanization, and higher disposable income levels, all of which are driving greater consumption of animal-based food products. The growing consumer preference for high-quality and safe animal protein has compelled feed manufacturers to incorporate advanced additives into their products, ensuring better livestock performance and compliance with stringent quality standards.

In addition to these market drivers, government initiatives promoting technological adoption in agriculture and animal husbandry are also contributing to the growth of the animal feed additive market in the region. Policy support, coupled with investments in research and development, is fostering innovation and enabling the introduction of more effective and sustainable feed solutions. The ongoing technological advancements in feed production are not only enhancing the efficiency and sustainability of the feed industry but are also reshaping the landscape of the animal feed additive market in the Asia-Pacific region. As the livestock industry continues to evolve, manufacturers that embrace these innovations are well-positioned to capitalize on the burgeoning opportunities in this dynamic and rapidly growing market.

Expansion of the Poultry Industry

The poultry industry in the Asia-Pacific region is experiencing significant growth, driven by key factors such as an expanding population, rising disposable incomes, and a growing demand for protein-rich food sources. This upward trajectory is expected to have a direct and positive impact on the market for animal feed additives, which are crucial to ensuring the health, productivity, and overall efficiency of poultry farming operations. As poultry consumption continues to rise, the demand for high-quality feed additives is likely to follow suit, given their essential role in optimizing poultry production. In 2020, China led the Asia-Pacific region in poultry bird stock, with a total exceeding 5.7 billion birds. In contrast, Bhutan's poultry bird stock was significantly smaller, amounting to 1.3 million birds during the same period.

Feed additives are integral to the poultry industry as they significantly enhance the nutritional value of animal feed, which, in turn, supports key aspects of poultry health

and performance. These additives contribute to improved weight gain, better feed digestibility, and more efficient disease prevention. Such benefits are essential for maximizing the profitability of poultry businesses, as they help ensure healthier birds and higher yields while reducing production costs. As the demand for poultry products increases, the need for these additives will likely rise, driven by their role in enhancing feed quality and supporting sustainable farming practices.

The growing consumer awareness surrounding the quality and safety of poultry products is contributing to the demand for higher standards in poultry farming. Consumers are increasingly seeking poultry products that are nutritious, free from contaminants, and produced in an ethical and sustainable manner. This trend is compelling producers to adopt stricter quality control measures, including the use of advanced feed additives that improve the overall health of poultry and, by extension, the quality of poultry products. As such, feed additives are becoming a pivotal component in meeting consumer expectations for superior, safe, and ethically produced poultry.

In addition to consumer-driven demand, regulatory frameworks in many countries across the region are becoming increasingly stringent, particularly concerning animal health, disease prevention, and environmental sustainability. Governments and regulatory bodies are enforcing more robust standards, which require poultry producers to adopt best practices in animal welfare and production efficiency. Feed additives, particularly those that promote animal health, are vital in helping producers comply with these regulations, further driving their demand.

The animal feed additive market in the Asia-Pacific region is also benefiting from continuous innovation. Market players are actively introducing new, more efficient feed additives, including probiotics, enzymes, and other functional ingredients designed to boost poultry health and productivity. These innovations are helping producers address challenges such as disease outbreaks, nutritional imbalances, and the need for higher productivity from smaller or more limited resources. As these additives become more specialized and effective, their adoption by poultry farmers is expected to increase, further fueling market growth. The rapid expansion of the poultry industry in the Asia-Pacific region, combined with evolving consumer preferences and stricter regulatory requirements, is poised to drive substantial growth in the demand for animal feed additives. As the industry continues to prioritize sustainability, productivity, and quality, feed additives will play an increasingly central role in supporting the continued success and profitability of poultry farming in the region. Companies that invest in innovation and quality are well-positioned to capitalize on this growing market demand.

Key Market Challenges

High Production Cost

In Asia-Pacific, the livestock industry is bracing for a potential decrease in the demand for animal feed additives, primarily attributed to escalating production costs. Feed additives, crucial for enhancing animal growth and health, are becoming increasingly expensive to produce due to raw material price volatility, stringent regulatory hurdles, and escalating research and development expenses. With most Asia-Pacific countries being price-sensitive, this surge in production cost ultimately translates into a higher retail price for the additives, which could dampen demand from livestock farmers. Moreover, the small and medium scale farmers who dominate the industry in this region may find it particularly challenging to absorb these additional costs. Thus, the prohibitive production expense of animal feed additives might lead to a downward trend in its demand, fostering a significant challenge for the Asia-Pacific livestock industry.

Prevalence of Counterfeit Products

The proliferation of counterfeit products in the animal feed additive market is anticipated to adversely impact demand in the Asia-Pacific region. Counterfeit products pose an alarming concern in the market as they are often of subpar quality, ineffective, and potentially harmful to animal health. Consumers, becoming increasingly aware of this issue, are becoming more cautious in their purchases. This heightened vigilance is expected to lead to a decrease in demand as consumers scrutinize products more closely and may hesitate to buy unless sure of the product's authenticity. Furthermore, the undermining of trust in the market due to counterfeit products could lead to a general reluctance to use animal feed additives altogether, further driving down demand. Regulatory bodies in the Asia-Pacific region are also stepping up efforts to crack down on counterfeit products, implementing stricter laws and regulations to ensure product authenticity. This, combined with increased consumer awareness and vigilance, is expected to result in a decrease in demand for animal feed additives. The market needs to address this pressing issue by adopting stringent quality control measures and robust authentication mechanisms to restore consumer confidence and maintain a stable demand in the future.

Key Market Trends

Surge in Demand for Natural & Non-Toxic Feed Additives

The increasing demand for natural and non-toxic feed additives in the Asia-Pacific region has been driving a surge in the animal feed additive market. This shift in preference is primarily due to the rising awareness among farmers and feed manufacturers regarding the harmful effects of synthetic additives on animal health and the subsequent quality of animal-derived products. As consumers become more health-conscious, the demand for organic and antibiotic-free meat and dairy products is growing, prompting livestock farmers to opt for natural and non-toxic feed additives. This, in turn, is anticipated to result in a significant expansion of the animal feed additive market. In addition, the stringent regulations imposed by governments on the use of certain synthetic additives due to environmental and health concerns are further propelling the demand for natural alternatives. The Asia-Pacific region, with its vast livestock population and increasing meat consumption, is poised for a significant increase in demand for natural feed additives, thus enhancing the overall market growth. This upward trend is expected to continue in the foreseeable future, contributing to the sustainability and profitability of the livestock industry across the region.

Adoption of Innovative Animal Husbandry Practices

Adoption of innovative animal husbandry practices is poised to propel the demand for animal feed additives in the Asia-Pacific region. As farmers transition from traditional to more technologically advanced farming methods, the usage of animal feed additives to promote livestock health and productivity is expected to surge. This shift is driven by the growing awareness of the correlation between livestock diet and product quality, leading to an increased demand for additives that can enhance nutritional value and prevent disease. Furthermore, the implementation of stringent regulations regarding animal welfare, and the increasing trend of organic farming, are also fostering the adoption of high-quality feed additives. In addition, the burgeoning demand for animal-derived products such as meat, dairy, and eggs in this region due to population growth and rising income levels also nurtures the market expansion. To meet such demand, farmers are turning to feed additives to improve livestock yield and efficiency. Moreover, advancements in biotechnology and veterinary science have resulted in the development of novel feed additives, bolstering their acceptance and application. Given these factors, it is anticipated that the adoption of innovative animal husbandry practices will substantially fuel the growth of the animal feed additive market in Asia-Pacific.

Segmental Insights

Type Insights

Based on the type, in the APAC Animal Feed Additive Market, amino acids have emerged as the dominant segment, capturing a significant share of the market. The increasing awareness regarding the importance of protein-rich animal feed to ensure optimal health and productivity of livestock has been a key driver for the growth of this segment. Amino acids, being the building blocks of proteins, play a crucial role in the growth, development, and overall well-being of animals. Their widespread use in the animal feed industry across the region can be attributed to their ability to enhance nutrient absorption, improve feed efficiency, and support various physiological functions in livestock. As a result, the demand for amino acids as feed additives continues to rise, contributing to the overall growth and development of the APAC animal feed additive market.

Livestock Insights

Based on the Livestock, in the Asia-Pacific (APAC) region, the Poultry sector holds a major portion of the Animal Feed Additive market. This dominance can be attributed to several factors. The increased consumption of poultry products, such as chicken and eggs, has significantly contributed to the growth of this sector. The rising popularity of protein-rich diets, especially among the expanding middle-class population in the region, has further fueled the demand for poultry products. Moreover, the rapid expansion of poultry farming operations has played a crucial role in the growth of the Poultry sector. The advancements in technology and farming practices have led to increased efficiency and productivity in poultry farming, enabling a higher production of poultry products to meet the rising demand.

While the Poultry sector is a major player in the Animal Feed Additive market in the APAC region, it is important to note that other sectors, such as Swine, Cattle, and Aquaculture, also make significant contributions. These sectors cater to the diverse dietary needs and preferences of the population, ensuring a well-rounded market for animal feed additives. Overall, the Animal Feed Additive market in the APAC region is driven by various factors, with the Poultry sector leading the way due to increased consumption, expanding farming operations, and the growing demand for protein-rich diets.

Key Market Players

DSM Dyneema

Evonik SEA Pte. Ltd.

DuPont Asia Pacific Ltd.

Adisseo Asia Pacific Pte. Ltd.

BASF Asia-Pacific

Cargill Asia Pacific Holdings Pte. Ltd.

Lonza Biologics Tuas Pte. Ltd.

ADM (Shanghai) Management Co., Ltd.

Novozymes South Asia Pvt. Ltd.

Chr. Hansen Singapore Pte Ltd.

Report Scope:

In this report, the Asia-Pacific Animal Feed Additive Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Asia-Pacific Animal Feed Additive Market, By Type:

Amino Acids

Vitamins

Minerals

Enzymes

Others

Asia-Pacific Animal Feed Additive Market, By Livestock:

Poultry

Swine

Cattle

Aquaculture

Others

Asia-Pacific Animal Feed Additive Market, By Country:

China

Japan

Australia

Thailand

India

Indonesia

South Korea

Singapore

Malaysia

Vietnam

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Asia-Pacific Animal Feed Additive Market.

Available Customizations:

Asia-Pacific Animal Feed Additive 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).

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
- 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. ASIA-PACIFIC ANIMAL FEED ADDITIVE MARKET OUTLOOK

- 5.1. Market Size & Forecast
 - 5.1.1. By Value
- 5.2. Market Share & Forecast
 - 5.2.1. By Type (Amino Acids, Vitamins, Minerals, Enzymes, Others)
 - 5.2.2. By Livestock (Poultry, Swine, Cattle, Aquaculture, Others)
 - 5.2.3. By Country
 - 5.2.4. By Company (2023)

5.3. Market Map

6. COUNTRY ANALYSIS

6.1. China Animal Feed Additive Market Outlook

6.1.1. Market Size & Forecast

6.1.1.1. By Value

6.1.2. Market Share & Forecast

6.1.2.1. By Type

6.1.2.2. By Livestock

6.2. Japan Animal Feed Additive Market Outlook

6.2.1. Market Size & Forecast

6.2.1.1. By Value

6.2.2. Market Share & Forecast

6.2.2.1. By Type

6.2.2.2. By Livestock

6.3. Australia Animal Feed Additive Market Outlook

6.3.1. Market Size & Forecast

6.3.1.1. By Value

6.3.2. Market Share & Forecast

6.3.2.1. By Type

6.3.2.2. By Livestock

6.4. Thailand Animal Feed Additive Market Outlook

6.4.1. Market Size & Forecast

6.4.1.1. By Value

6.4.2. Market Share & Forecast

6.4.2.1. By Type

6.4.2.2. By Livestock

6.5. India Animal Feed Additive Market Outlook

6.5.1. Market Size & Forecast

6.5.1.1. By Value

6.5.2. Market Share & Forecast

6.5.2.1. By Type

6.5.2.2. By Livestock

6.6. Indonesia Animal Feed Additive Market Outlook

6.6.1. Market Size & Forecast

6.6.1.1. By Value

6.6.2. Market Share & Forecast

6.6.2.1. By Type

6.6.2.2. By Livestock

6.7. South Korea Animal Feed Additive Market Outlook

6.7.1. Market Size & Forecast

6.7.1.1. By Value

6.7.2. Market Share & Forecast

6.7.2.1. By Type

6.7.2.2. By Livestock

6.8. Singapore Animal Feed Additive Market Outlook

6.8.1. Market Size & Forecast

6.8.1.1. By Value

6.8.2. Market Share & Forecast

6.8.2.1. By Type

6.8.2.2. By Livestock

6.9. Malaysia Animal Feed Additive Market Outlook

6.9.1. Market Size & Forecast

6.9.1.1. By Value

6.9.2. Market Share & Forecast

6.9.2.1. By Type

6.9.2.2. By Livestock

6.10. Vietnam Animal Feed Additive Market Outlook

6.10.1. Market Size & Forecast

6.10.1.1. By Value

6.10.2. Market Share & Forecast

6.10.2.1. By Type

6.10.2.2. By Livestock

7. MARKET DYNAMICS

7.1. Drivers

7.2. Challenges

8. MARKET TRENDS & DEVELOPMENTS

8.1. Recent Development

8.2. Mergers & Acquisitions

8.3. Product Launches

9. ASIA PACIFIC ANIMAL FEED ADDITIVE MARKET: SWOT ANALYSIS

10. PORTER'S FIVE FORCES ANALYSIS

- 10.1. Competition in the Industry
- 10.2. Potential of New Entrants
- 10.3. Power of Suppliers
- 10.4. Power of Customers
- 10.5. Threat of Substitute Products

11. COMPETITIVE LANDSCAPE

- 11.1. DSM Dyneema
 - 11.1.1. Business Overview
 - 11.1.2. Service Offerings
 - 11.1.3. Recent Developments
 - 11.1.4. Key Personnel
 - 11.1.5. SWOT Analysis
- 11.2. Evonik SEA Pte. Ltd.
- 11.3. DuPont Asia Pacific Ltd.
- 11.4. Adisseo Asia Pacific Pte. Ltd.
- 11.5. BASF Asia-Pacific
- 11.6. Cargill Asia Pacific Holdings Pte. Ltd.
- 11.7. Lonza Biologics Tuas Pte. Ltd.
- 11.8. ADM (Shanghai) Management Co., Ltd.
- 11.9. Novozymes South Asia Pvt. Ltd.
- 11.10. Chr. Hansen Singapore Pte Ltd.

12. STRATEGIC RECOMMENDATIONS

13. ABOUT US & DISCLAIMER

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