

## **United States Feed Enzymes - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2017 - 2029**

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### **Report description:**

The United States Feed Enzymes Market size is estimated at USD 254.54 million in 2024, and is expected to reach USD 346.5 million by 2029, growing at a CAGR of 6.36% during the forecast period (2024-2029).

- In 2022, the United States held the largest share of the North American feed enzymes market, accounting for 70% of the total market. The feed enzymes market in the United States was valued at USD 0.2 billion, contributing 3.8% to the total feed additives market. The market value of feed enzymes in the United States witnessed a significant increase of 19.7% in 2020 compared to 2019, owing to the rise in feed production for ruminants and poultry birds.

- Of all the feed enzymes, carbohydrases occupied the largest market share of 47.6% in the United States, followed by phytases and other enzymes with a share of 33% and 19.5%, respectively. The use of carbohydrases in animal feed improves the absorption of nutrients from cereals, leading to reduced feed costs. Poultry birds, ruminants, and swine were the largest animal types in the carbohydrases segment, accounting for 41%, 37%, and 19% market shares, respectively.

- The feed carbohydrases segment is expected to grow and register a CAGR of 6.4% during the forecast period, owing to the high usage and demand for carbohydrases as a significant proportion of animal feed comprising carbohydrases. Most feed enzymes, including carbohydrases and phytases, cannot be synthesized naturally, and therefore, one or more enzymes should be supplied through the animal feed for all animal types.

- The demand for feed enzymes is increasing as it helps improve the overall health of animals, reduce livestock diseases, and enhance the stability and consistency of animal feed. Hence, the US feed enzymes market is expected to grow and register a CAGR of 6.3% during the forecast period.

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## United States Feed Enzymes Market Trends

The United States poultry industry is one of the largest commercial food industry and increased consumption of meats and eggs is increasing the poultry production

- The poultry industry in the United States is thriving due to the increasing demand for eggs and poultry meat in the commercial food industry and rising exports. The country is one of the largest egg producers and exporters in the world, with the total egg exports increasing by 9.3% to reach 3.5 billion eggs in 2020 compared to 2019 and the value of export growing by 2.4% to reach USD 189 million.
- The consumption of poultry meat in the United States improved due to favorable prices, a rise in awareness of a high-protein diet, and increasing demand for poultry meat. As a result, the poultry birds' headcount increased by 17.6 million in 2022 compared to 2021. Raising chickens in small spaces and different environments makes poultry production more feasible and less expensive than beef and pork, attracting animal farmers with limited rearing areas to invest in poultry farms.
- However, the share of the United States is expected to decrease from 26% in 2021 to 24% in 2031 in terms of imports, which may affect the growth of the poultry feed market. Swine flu and trade disputes with China between 2018 and 2019 contributed to the steady population of poultry during the historical period, as animal farmers were reluctant to increase rearing.
- Despite these challenges, the increasing consumption of meat and eggs, rising export, and the growing population of poultry are expected to drive the growth of the US feed enzymes market in the United States during the forecast period.

Presence of a large number of fish farms and feed mills is contributing to increasing feed production for aquaculture

- Aquaculture feed production in the United States increased by 4.1% in 2022 compared to 2017 due to the presence of a large number of feed mills in the country, which totaled 6,232. The per capita consumption of seafood increased from 21.88 kg in 2018 to 22.26 kg in 2022.
- Among the various aquaculture feed, fish holds a major share, accounting for 83.2% in 2022 due to the increasing awareness of the benefits of fish in the human diet, high demand in the international market, expansion of the retail sector, and the presence of a large number of fish farms in the country. The majority of fish farms are located in Ohio, and the most consumed fish is catfish, as it has the ability to convert pellet feed into pounds of fish.
- Shrimp accounted for 7.5% of the aquaculture feed market in 2022, as it is the other most consumed aquatic animal due to the rise in demand for seafood and its high protein content. However, the country depends on other countries for shrimp, which affected its growth during the study period. Other aquatic species witnessed high growth in demand, as the demand for bivalves from restaurants has increased after the COVID-19 pandemic due to their popularity as a main cuisine. The high number of feed mills and rising demand for fish and seafood with increasing feed production of aquaculture are expected to drive the growth of the feed additives market in the United States during the forecast period.

## United States Feed Enzymes Industry Overview

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The United States Feed Enzymes Market is moderately consolidated, with the top five companies occupying 58.99%. The major players in this market are Alltech, Inc., Archer Daniel Midland Co., Brenntag SE, DSM Nutritional Products AG and IFF(Danisco Animal Nutrition) (sorted alphabetically).

Additional Benefits:

- The market estimate (ME) sheet in Excel format
- 3 months of analyst support

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