

# Gibberellins Market to Hit USD 2093.01 Million by 2032 Driven by Demand in Agricultural Productivity & Crop Enhancement

*The Gibberellins Market is expected to witness robust growth due to the rising use of plant growth-promoting hormones for higher productivity in crops.*

AUSTIN, TX, UNITED STATES, December 2, 2024 /EINPresswire.com/ -- The [Gibberellins Market](#) size was valued at USD 987.26 million in 2023 and is projected to grow at a CAGR of 8.7% during the forecast period of 2024-2032, reaching USD 1925.36 million by 2032.



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Gibberellins control cell elongation, stimulates the extension growth, delay aging, and increases the rate of fruit production in plants.”

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Key Players Listed in Gibberellins Market Are:

- Fine Americas Inc.
- Valent U.S.A. Corporation
- Sichuan Guoguang Agrochemical Co. Ltd.
- Nufarm Ltd.
- Xinyi (H.K.) Industrial Co. Ltd.
- Jiangsu Fengyuan Bioengineering Co. Ltd.
- SePRO Corporation
- Zhejiang Qianjiang Biochemical Co. Ltd.

•Shanghai Fuang Agrochemical Co. Ltd. and other

Rising Agricultural Demand Boosting Gibberellins Market

The global agricultural industry is witnessing an increasing need for higher productivity due to

the rising global population and demand for food security. Gibberellins play a critical role in improving crop yields by promoting growth, stimulating seed germination, and enhancing fruit sets in plants. Governments worldwide are introducing programs to support sustainable farming, where gibberellins are integral to optimizing growth cycles and increasing harvest quality. Additionally, growing sugarcane production and malting barley demand for the brewing industry further amplify the adoption of gibberellins.

In India, for instance, sugarcane yield enhancement programs supported by the government have driven the use of gibberellins. Similarly, Europe's focus on sustainable agricultural practices is boosting the product's adoption across the region.

## Segment Analysis

### By Form

The Liquid segment dominated the market in 2023, accounting for the highest revenue share around 42%. Its ease of application, better absorption rates, and minimal waste make it a preferred choice among farmers and agricultural professionals. Moreover, its compatibility with modern farming equipment such as sprayers further adds to its widespread adoption.

The Granules segment is expected to grow at the fastest CAGR during the forecast period, driven by its longer shelf life and controlled release properties, making it suitable for large-scale applications like sugarcane and fruit production.

### By Application

Fruit Production emerged as the dominating application in 2023 around 39% in 2023. This is due to the increasing global demand for high-quality fruits. Gibberellins improve fruit size, color, and shelf life, enhancing their commercial value.

Increasing Sugarcane Yield is the fastest-growing application segment. The rising demand for sugar and ethanol, especially in Asia-Pacific, is fueling the adoption of gibberellins in sugarcane farming. The ability of gibberellins to enhance cane length and sugar content is particularly appealing to growers aiming to maximize yield.

## Key Market Segmentation:

### By Form

- Powder
- Granules
- Liquid

## By Application

- Malting of Barley
- Fruit Production
- Increasing Sugarcane Yield
- Seed Production

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## Market Growth Underpinned by Technological Advancements

Technological advancements in plant growth regulators are enabling more precise and effective use of gibberellins, thus driving their market growth. Liquid formulations, in particular, have witnessed significant innovation, allowing better absorption and application, reducing waste, and enhancing efficacy.

Major players in the industry are investing in R&D to produce high-purity gibberellins with minimal environmental impact, catering to the global emphasis on sustainable farming practices. Moreover, an increasing trend toward organic agriculture is opening new avenues for gibberellins derived from natural sources.

## Market Opportunity :

This opens substantial growth of the gibberellins market with the application of gibberellins in the pharmaceutical industry. The medicinal field seems to be one of the most promising fields for Gibberellins. Now, these plant hormones have shown promise in promoting bone growth that can be used to develop treatments for osteoporosis or to help heal bone fractures. Gibberellins have also been shown to have anti-inflammatory effects, indicating that they could be useful in the development of new therapies against inflammatory diseases. In addition, the development of wound healing has been promoted by gibberellins. These hormones have the power to speed up how quickly skin cells regenerate, offering the potential to transform chronic wounds including diabetic ulcers to heal faster and with much more ease.

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## Regional Analysis

North America held the highest market share around 44% in 2023. North America, with its advanced agricultural infrastructure and high precision farming adoption, dominated the Gibberellins Market. The strong demand for high-value crops, like barley (for malting) and fruits (for domestic consumption and export), in the region, is the main driver behind the high

consumption of gibberellins. In addition, established biotechnology and agrochemical industries in the region along with significant investments in agricultural R&D have led to innovative gibberellin products and uses. Especially in the United States, where the majority of the gibberellins produced are used for seed production in large-scale agriculture. Furthermore, the increasing trend of sustainable and organic farming in North America is also accelerating demand for plant growth regulators such as gibberellins. Leading participants like Syngenta and Valent BioSciences are working with regional farmers and research organizations to facilitate integrated gibberellin applications, further cementing the market leadership in North America.

## Recent Developments in the Gibberellins Market

- March 2023: Valent BioSciences launched a new liquid gibberellin product designed specifically for sugarcane farmers, ensuring better crop growth and higher sucrose content.
- July 2024: BASF SE announced an expansion of its production facility in Germany to meet the growing global demand for gibberellins, particularly for fruit production.
- September 2024: Syngenta introduced a precision application tool for liquid gibberellins, enabling farmers to optimize their use while reducing costs and environmental impact.

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