

Rice Seed - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2016 - 2030

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Report description:

The Rice Seed Market size is estimated at USD 5.87 billion in 2024, and is expected to reach USD 7.33 billion by 2030, growing at a CAGR of 3.77% during the forecast period (2024-2030).

Key Highlights

- Open Pollinated Varieties & Hybrid Derivatives is the Largest Breeding Technology: Open-pollinated varieties require fewer inputs, such as fertilizer and pesticides, and are less expensive than hybrid seeds and more affordable for low-income farmers.
- China is the Largest Country: China is the largest country because it is the largest producer of rice, developed a new hybrid rice variety named Golden rice, and about 65% of the population consumes rice.
- Hybrids is the Fastest-growing Breeding Technology: The major companies are developing new hybrids and the adoption of hybrids is high due to disease-resistant, increased shelf life, high yield, and wider adaptability.
- Italy is the Fastest-growing Country: Italy is the fastest growing country as the population is changing its diet from pasta to rice and the availability of an abundance of water for cultivating rice.

Rice Seed Market Trends

Open Pollinated Varieties & Hybrid Derivatives is the largest Breeding Technology

- In 2021, the total rice seed market accounted for 14.8% of the global row crops seed market. Rice is the staple food consumed in almost all countries, with high demand for consumption throughout the year.

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- Globally, hybrids accounted for 30.4% of the total rice seed market in 2021. OPVs accounted for 69.6% of the total rice seed market in 2021 due to the inferior grain quality of rice and the high input requirements of hybrids.
- Asia-Pacific was the largest region in the world in terms of rice production, and it accounted for 72.9% of the total rice seed market in the world in 2021. The demand for consumption and the increase in food safety concerns are driving the market in the region.
- China had the largest hybrid rice seed market in 2021, accounting for 52.7% of the global hybrid rice seed market. The increase in food safety concerns and the development of hybrids since the 1970s brought food safety to all developing countries of Asia-Pacific.
- Herbicide-tolerant rice seeds hold a market share of 39.9% in the global transgenic hybrid seed market in terms of value. The United States approved the most herbicide-tolerant rice seeds because the government was encouraging the introduction of more GM crops.
- China is the only country in Asia-Pacific that produces insect-resistant transgenic hybrid rice, accounting for 75.0% of the market value in the Chinese transgenic hybrid rice seed market.
- The increase in the concerns for productivity and the demand for consumption and self-sufficiency is expected to drive the rice seed market, registering a CAGR of 4.2% during the forecast period from 2022 to 2028.

Asia-Pacific is the largest Region

- Asia-Pacific contributes a major share because the region has the largest area under cultivation, accounting for around 86% of the global area under rice cultivation. Rice is an important staple food in Asia-Pacific, especially in most populated countries. To meet the demand for consumption, the region is increasing production by using high-yielding varieties, thereby driving the growth of the market.
- In South America, the hybrid segment had a major share compared to open-pollinated because fewer hybrid seeds (about 48kg/ha) are required to sow compared to open-pollinated seed varieties (64kg/ha). Thus, benefits associated with hybrids, such as high profitability and higher yield, are likely to drive the hybrid rice seed market in the region during the forecast period.
- The usage of open-pollinated varieties is high in the Middle East, accounting for 96.4% of the overall rice cultivated in the Middle East because of the strict government regulations and low rate of seed replacement.
- In Africa, the increase in the adoption of improved varieties of hybrid and OPV varieties resulted in an increase in yield. In Kenya, the yield increased to 22,061 hg/ha in 2020 from 19,353 hg/ha in 2019, an increase of 14%.
- Thus, an increase in the area under cultivation in major cultivation regions, an increase in the use of commercial seeds, and the rising consumption due to the increasing population are expected to drive the growth of the market during the forecast period.

Rice Seed Industry Overview

The Rice Seed Market is fragmented, with the top five companies occupying 31.66%. The major players in this market are Advanta Seeds - UPL, Bayer AG, Corteva Agriscience, Syngenta Group and Yuan Longping High-Tech Agriculture Co., Ltd (sorted alphabetically).

Additional Benefits:

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

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