

## **Asia-Pacific Maize Seed Market - Size, Share, Covid-19 Impact & Forecasts Up To 2028**

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### **Report description:**

The Asia-pacific Maize Seed Market is projected to register a CAGR of 3.21%

#### Key Highlights

**Largest Segment by Breeding Technology - Hybrids :** The high share of hybrids is due to benefits such as high yield, drought tolerance, and abiotic stress tolerance. The growers prefer to use them for minimizing crop loss.

**Largest Segment by Country - China :** The increase in the food demand of the rising population, high corn production, high adoption of hybrid seeds, and demand by the other countries for biofuel production.

**Fastest-growing Segment by Breeding Technology - Open Pollinated Varieties & Hybrid Derivatives :** The low cost of OPVs, high adoption to local conditions, and ease of production using OPVs are the major factors driving the demand for OPVs in corn cultivation.

**Fastest-growing Segment by Country - Myanmar :** In the country, Maize is the second largest crop produced due to high profit, increase in the cultivation area, and increase in the research activities through PPP model.

#### Asia-pacific Maize Seed Market Trends

Hybrids is the largest segment by Breeding Technology.

In Asia-Pacific, hybrid seeds dominated the maize seed market in terms of volume and value compared to open-pollinated varieties and hybrid derivatives. In 2021, hybrid maize seeds held a 90.2% share of the total maize seed market. ?

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In the hybrid seed segment, non-transgenic maize seeds dominated the market, with 86% of the share value in the region in 2021. The cultivation of transgenic maize is not yet approved in many major-maize producing countries, except China, Vietnam, Japan, and Pakistan.?

The non-transgenic hybrid segment's share increased by 33% in 2021 from 2016 due to the growing cultivation in organic farming and the rising demand for organic produce in the region.? In Asia-Pacific, many countries don't allow the contamination of hybrids with molecular traits in human food.

In 2021, open-pollinated varieties and hybrid derivatives accounted for 9.8% of the maize market, less than hybrid seeds. China and India are the major cultivators of open-pollinated varieties, with a share of 78.9% of the total open-pollinated segment in the region.?

The main constraint in cultivating corn using open-pollinated seed varieties is that they provide lower yields than hybrids. Thus, due to major factors such as high yield, high resistance to diseases, and an increase in hybridization, the hybrid seed segment in the maize market is expected to help in the growth annual growth rate of 2.9% during the forecast period.

China is the largest segment by Country.

Maize is one of the major crops grown in the Asia-Pacific region. China leads the market, accounting for 83% of the market share in terms of value, followed by India (6.1%), Indonesia (3.5%), and the Philippines (2.3%).

According to USDA estimates, China's corn production for the marketing year 2021/22 was up by 5% from last year and 5% above the 5-year average. In recent years, there has been a marginal increase in corn area in the major production provinces of Heilongjiang, Jilin, Henan, Inner Mongolia, Shandong, and Hebei. This is expected to lead to an increase in the market share.

In India, maize production accounted for 30.16 million metric ton in 2020, which is an increase of 16.44% compared to the previous year due to the high usage of commercial hybrids, such as P-3501, NK-6240, P-3396, JVM-421, African Tall, Narmada Moti, and GM-6. ??

Indonesia's corn production in the 2021-22 marketing year is expected to increase up to 12 million ton. The USDA estimates corn consumption in the 2021-22 marketing year to be 9.1 million ton, an increase from 8.7 million ton from the previous marketing year, due to new feed facilities opening in the country. This is anticipated to increase the area under maize cultivation.

In Japan, hybrids dominate the corn seed market, accounting for 96.2% of the country's market share value in 2021. Among hybrids, transgenic hybrids account for 41.2% of the market share value, whereas non-transgenic hybrids account for 58.8% of the market share value. The transgenic hybrids market share is projected to increase by 5% annually between 2022 and 2028 due to increased demand for pest-resistant varieties.?

#### Asia-pacific Maize Seed Market Competitor Analysis

The Asia-pacific Maize Seed Market is fragmented, with the top five companies occupying 17.31%. The major players in this market are Advanta Seeds - UPL, Bayer AG, Beidahuang Kenfeng Seed Co Ltd, Corteva Agriscience and Syngenta Group (sorted alphabetically).

Additional Benefits:

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

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