

Mycorrhiza - Market Share Analysis, Industry Trends & Statistics, Growth Forecasts 2017 - 2029

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Report description:

The Mycorrhiza Market size is estimated at USD 1.18 billion in 2024, and is expected to reach USD 1.87 billion by 2029, growing at a CAGR of 9.65% during the forecast period (2024-2029).

Key Highlights

- Row Crops is the Largest Crop Type. Barley, corn, wheat, rapeseed, rye, sunflower, soybean, and rice are produced globally. Mycorrhiza contributes to several immobile and mobile elements from plants.
- Horticultural Crops is the Fastest-growing Crop Type. The growing consumption of organic produce and the rising acreage under the organic fruits and vegetable crops resulted in more mycorrhiza consumption in horticultural crops.
- Europe is the Largest Region. France and Italy countries are dominating the mycorrhiza market, this is due to the increased organic cultivation of row crops and the reduction in chemical fertilizers use.
- France is the Largest Country. Cabbage, lentils, pumpkins, wheat, maize, barley, and potatoes are the organic crops produce in the country. Mycorrhiza application reduce the chemical fertilizer consumption.

Mycorrhiza Biofertilizers Market Trends

Row Crops is the largest Crop Type

- Mycorrhiza is a fungus that establishes a symbiotic relationship with the plant root system. It increases the root surface area of the plants, which in turn enhances the nutrient uptake of the plants. Row crops dominate the mycorrhiza market, and the

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segment accounted for about 76.0% of the market value in 2022. Barley, corn, wheat, rapeseed, rye, sunflower, soybean, and rice are the major row crops grown globally.

- Horticultural crops represent 19.2% of the global mycorrhiza market, valued at USD 191.9 million in 2022, with Europe being the dominant market with a share of 52.6% in the same year. The demand for organic fruits and vegetables in the region is growing, with Germany and France being the major markets for organic food consumption.

- Cash crops, including coffee, tea, cocoa, cotton, and sugarcane, accounted for 4.7% of the global mycorrhiza market in 2022. The North American region dominates the mycorrhiza biofertilizer market for cash crops. The segment accounted for 59.2% of the total value in 2022, with the United States being the dominant market, accounting for 47.0% of the market share. The large cultivation area in the United States and the presence of phosphorous-deficient soils in about 16 states are the main factors contributing to this dominance.

- The use of mycorrhiza in agriculture provides a sustainable and eco-friendly approach to improving plant growth and productivity. The mycorrhiza market is expected to grow in the coming years as more farmers and growers adopt this technology to improve their yields and reduce their environmental footprint.

Europe is the largest Region

- Mycorrhiza is the most consumed biofertilizer globally, and it accounted for a share of 36.3% in 2022, with a market value of USD 995.3 million and a volume of 96.6 thousand metric tons. Mycorrhiza is a fungus that establishes a symbiotic relationship with the plant root system. It increases the root surface area of the plants, which in turn enhances the nutrient uptake of the plants.

- Europe dominated the global biofertilizers market with a share of 55.2% in 2022. Mycorrhiza biofertilizer in the European region accounted for a market value of USD 39.8 million in 2022 and a volume of 1.1 thousand metric tons in the same year. The European market is estimated to grow and register a CAGR of 9.3% during the forecast period (2023-2029).

- North America accounted for 25.4% of the global mycorrhiza market in 2022. Row crops dominated the North American mycorrhiza biofertilizer market, accounting for about 68.1% of the market value in 2022. This is mainly due to the more phosphorous-demanding cereal crops, like corn and maize, and the presence of large-row crop cultivation areas in the country

- Mycorrhiza, also referred to as arbuscular mycorrhizal fungi (AMF), was proven to increase crop yields significantly. About 231 field trials conducted over four years in Europe in potato filed under ideal conditions increased the yield of marketable potatoes by 9.5% on average. Mycorrhizae contribute significantly to plant nutrition, particularly to phosphorus uptake. They contribute to the selective absorption of immobile (P, Zn, and Cu) and mobile (S, Ca, K, Fe, Mn, Cl, Br, and N) elements from plants and water uptake.

Mycorrhiza Biofertilizers Industry Overview

The Mycorrhiza Market is fragmented, with the top five companies occupying 2%. The major players in this market are Atlantica Agricola, Biolchim SPA, Gujarat State Fertilizers & Chemicals Ltd, Koppert Biological Systems Inc. and Symborg, Inc. (sorted alphabetically).

Additional Benefits:

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

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