

Middle East & Africa Agriculture Microbial Market Forecast to 2028 - COVID-19 Impact and Regional Analysis - Type (Bacteria, Fungi, Virus, and Others), Formulation (Liquid and Dry), Function (Crop Protection and Soil Amendments), Mode of Application (Foliar Spray, Soil Treatment, Seed Treatment, and Post-harvest), and Crop Type (Cereals and Grains, Oilseeds and Pulses, Fruits and Vegetables, and Others)

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Report description:

The agriculture microbial in Middle East & Africa is expected to grow from US\$ 496.09 million in 2022 to US\$ 1,126.32 million by 2028. It is estimated to grow at a CAGR of 14.6% from 2022 to 2028.

Rise in Adoption of Organic Farming

Over the past years, organic farming has been adopted Middle East & Africa, achieving sustainability and lowering the harmful environmental impact. Some benefits of organic farming are reduced soil erosion, decreased nitrate leaching into groundwater and surface water, and recycling of animal waste back into farms. Increased awareness about the benefits has surged the demand for organic agriculture practice. Several governments in developing economies have started to emphasize on adopting organic farming, due to which, the acceptance of agriculture microbial products has increased regionally. Agriculture microbes play a vital role in organic farming for soil management, as synthetic components cannot replace them. Soil microbes, such as bacteria, fungi, viruses, and others, perform a fundamental function in the soil, such as breaking down crop residues and cycling of crucial nutrients, including nitrogen and carbon, and stimulating plant growth. Therefore, the increased adoption of organic farming is

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expected to surge the demand for agriculture microbial products due to their benefits in organic farming over the next few years. Moreover, consumers are shifting their preference toward the uptake of organic food products due to their desire to avoid genetically engineered organisms and growing environmental concerns. The rising demand for organic food products will, in turn, aid the market in the coming years. These factors are expected to boost the demand for natural plant growth regulators and crop protection products during the forecast period. Thus, the potential growth of organic agriculture practice is expected to surge the demand for agriculture microbial products in the near future.

Market Overview

The Middle East & Africa agriculture microbial market is segmented into South Africa, Saudi Arabia, the UAE, and the Rest of Middle East & Africa. The Middle East & Africa market is one of the emerging agricultural microbial markets as it is replacing and reducing synthetic agrochemicals and rising adoption of sustainable agriculture and organic farming. Governments of various countries in the region are taking initiatives to boost the sustainable agriculture practice to meet the growing food demand. For instance, in June 2022, the National Strategy for Sustainable Agriculture was introduced by the UAE Cabinet to increase the efficiency of farms, reduce water usage for irrigation, and increase self-sufficiency for certain agricultural crops. In recent years, organic agriculture has been adopted in various countries in the Middle East & Africa owing to rising awareness about the benefits offered by organic farming. They are improving soil and water quality, promoting pest regulation, reducing pesticide exposure, protecting biodiversity, and enhancing nutrient recycling. Thus, the increased demand for sustainable agriculture to maintain food security in the region has increased the adoption of agriculture microbial, which is boosting the demand for agriculture microbial.

Middle East & Africa Agriculture Microbial Market Revenue and Forecast to 2028 (US\$ Million)

Middle East & Africa Agriculture Microbial Market Segmentation

The Middle East & Africa Agriculture Microbial Market is segmented into type, formulation, function, mode of application, and crop type and country.

Based on type, the market is segmented into bacteria, fungi, virus, and others. The bacteria segment registered the larger market share in 2022. Based on formulation, the market is segmented into liquid and dry. The liquid segment held the larger market share in 2022. Based on function, the market is segmented into crop protection and soil amendments. The crop protection segment held the larger market share in 2022. Based on mode of application, the market is segmented into foliar spray, soil treatment, seed treatment, and post-harvest. The foliar spray segment held the largest market share in 2022. Based on crop type, the market is segmented into cereals and grains, oilseeds and pulses, fruits and vegetables, and others. The fruits and vegetables segment held the largest market share in 2022. Based on country, the market is segmented into Saudi Arabia, UAE, South Africa and Rest of Middle East and Africa. Rest of Middle East & Africa dominated the market share in 2022. BASF SE; Bayer AG; Certis USA LLC; Bio Works; Novozymes A/S; Chr. Hansen Holding A/S; Syngenta Group; Nufarm; and Koppert B.V are the leading companies operating in the agriculture microbial in the region.

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