

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

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Report description:

The Africa Biopesticides Market size is estimated at USD 160.85 million in 2024, and is expected to reach USD 269.16 million by 2029, growing at a CAGR of 10.85% during the forecast period (2024-2029).

Key Highlights

- Biofungicides is the Largest Form : Biofungicides target particular plant diseases by using naturally present beneficial microbes and can kill both foliar diseases/infections and soil-borne root pathogens.
- Biofungicides is the Fastest-growing Form : The application of biofungicides has grown significantly over time as a result of improved product accessibility and rapid technological improvements in the new products.
- Row Crops is the Largest Crop Type : Rice, Maize, Millet, Sorghum, Wheat, soybeans, yams, peanuts, beans, etc. are major row crops produced in the region. Biofungicides are most used biopesticides in row crops.
- Nigeria is the Largest Country : In 2022, biofungicides are most used biopesticides in the country with 47.2% market share, row crops are dominating the biopesticide consumption in the country with 58.9%.

Africa Biopesticides Market Trends

Biofungicides is the largest Form

- Biopesticides are naturally occurring substances or agents derived from animals, plants, insects, and microorganisms, including bacteria and fungi, used to manage agricultural pests and infections. The African biopesticides market grew by 23.4% from 2017

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to 2022.

- Biopesticide consumption in row crops is higher than other crops in the region, accounting for 73.8% in 2022. Horticultural crops accounted for 19.7%, while cash crops accounted for 6.5% of the overall consumption in the same year.
- The Integrated Pest Management (IPM) concept is important in the African biopesticides market. IPM 1.0 was established decades ago to reduce the overuse of agricultural pesticides. IPM 2.0 gradually incorporated agroecological principles such as biological control and habitat management. However, throughout this period, smallholder farmers did not improve their decision-making skills and continued to rely on hazardous pesticides as their first line of defense. The African region also implemented Integrated Pest Management 3.0 (IPM 3.0), which includes three new features, i.e., real-time farmer decision-making access, pest-management options based on science and nature, and the integration of genomic approaches, biopesticides, and habitat-management practices. These IPM practices may drive the biopesticides market in Africa.
- In collaboration with Real IPM Ltd, the International Centre of Insect Physiology and Ecology commercialized two biopesticides, Campaign (icipe69) and Achieve (icipe78). Campaign (icipe69) is being used against mealybugs, thrips, and fruit flies, in crops such as cucumber, mango, papaya, rose, and tomato. Adoption of IPM practices and increased R&D activities of biopesticides may boost the market value by 84.7% during 2023-2029.

Nigeria is the largest Country

- The African biopesticides market has exhibited a growth rate of 15.8% between 2017 and 2021, and this growth is expected to continue with a projected expansion of about 84.7% by 2029.
- This growth is primarily attributed to the launch of Integrated Pest Management 3.0 (IPM 3.0) in Africa. This pest management strategy is based on three pillars: real-time farmer decision-making access, science-based pest-management alternatives, and the combination of genetic methods, biopesticides, and habitat-management strategies. These IPM methods are expected to play a critical role in driving the growth of the African biopesticides market.
- Biofungicides are the dominant segment of the biopesticides market in the Rest of Africa segment, and it was valued at USD 45.6 million in 2022. Trichoderma is widely used as a biofungicide as it destroys other fungi enzymatically and produces anti-microbial substances that kill pathogenic fungi.
- Egypt, South Africa, and the Rest of Africa are the primary segments in the African region regarding organic agriculture acreage. In 2022, the Rest of Africa accounted for 95.0% of total organic agricultural land in Africa, with 1.2 million hectares. Egypt contributed 3.5% with 45.1 thousand hectares, while South Africa accounted for 1.0% with 12.6 thousand hectares. The high organic agricultural acreage in these countries provides significant market opportunities.
- The increasing consumer interest in organic products, growing awareness among farmers, and the economic advantages of using biopesticides are anticipated to drive the demand for biopesticides in Africa, and the market is expected to record a CAGR of 9.2% during the forecast period.

Africa Biopesticides Industry Overview

The Africa Biopesticides Market is fragmented, with the top five companies occupying 14.93%. The major players in this market are Certis USA LLC, Coromandel International Ltd, Koppert Biological Systems Inc., T. Stanes and Company Limited and UPL (sorted alphabetically).

Additional Benefits:

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

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