

Global Market Report on Biological Crop Protection 2026: Business Expansion, Key Growth Drivers, and Trends Through 2030

*The Business Research Company's
Biological Crop Protection Global Market
Report 2026 – Market Size, Trends, And
Forecast 2026-2035*

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/EINPresswire.com/ -- The [biological
crop protection market](#) is gaining

significant traction as sustainable farming practices become more widespread. With growing concerns about chemical pesticide use and a shift toward eco-friendly agriculture, this market is set for substantial growth in the coming years. Let's explore the market size, key drivers, regional trends, and future outlook of this dynamic sector.

Current and Projected Market Size of the Biological Crop Protection Market

The biological crop protection market has experienced rapid growth recently. It is anticipated to increase from \$6.5 billion in 2025 to \$7.27 billion in 2026, reflecting a compound annual growth rate (CAGR) of 11.8%. This expansion during the historic period is primarily driven by rising concerns about pesticide residues, early adoption of microbial pest control agents, greater awareness of ecological farming, regulatory pressures against synthetic pesticides, and the growing implementation of integrated pest management strategies.

Looking ahead, the market is set to accelerate further, reaching \$11.53 billion by 2030 at a CAGR of 12.2%. This growth forecast stems from increasing demand for residue-free crops, ongoing expansion of organic farming, heightened investments in microbial biocontrol research and development, advancements in biological formulations, and a stronger focus on climate-resilient agriculture. Emerging trends expected to influence the market include wider use of natural predator-based pest management, growth of microbial and biochemical crop protection products, more crop-specific biological pest control solutions, expansion of post-harvest biological treatments, and innovations in soil-integrated pest management approaches.

Download a free sample of the biological crop protection market report:

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Understanding Biological Crop Protection and Its Role in Agriculture

Biological crop protection involves using natural organisms or their derivatives to manage pests, diseases, and weeds in farming systems. This approach emphasizes controlling harmful species by encouraging or introducing beneficial organisms like predators, parasites, or pathogens that naturally suppress pest populations. It forms a critical element of sustainable agriculture by reducing dependency on chemical pesticides and supporting ecological balance within agricultural ecosystems.

Organic Farming as a Key Catalyst for [Biological Crop Protection Market Growth](#)

The expansion of the organic farming sector is expected to be a major driver for the biological crop protection market in the foreseeable future. Organic farming is an agricultural practice that emphasizes natural methods and materials, avoiding synthetic fertilizers and pesticides to enhance biodiversity, soil vitality, and overall sustainability. The rise of organic farming is fueled by increasing consumer demand for healthier food choices, environmental concerns, and the adoption of sustainable agricultural practices. Because biological crop protection aligns well with organic farming principles—prioritizing sustainability and ecological harmony—its growth is closely linked to the rise of organic agriculture. For example, in February 2024, the International Federation of Organic Agriculture Movements (IFOAM) reported that the global organic farming area expanded by 2.5 million hectares in 2023, reaching nearly 99 million hectares worldwide. At the same time, global organic food sales climbed to around 136 billion euros. These developments highlight how the organic farming boom is propelling the biological crop protection market forward.

View the full biological crop protection market report:

<https://www.thebusinessresearchcompany.com/report/biological-crop-protection-global-market-report>

Regional Perspectives and Growth Patterns in the Biological Crop Protection Market

In 2025, North America held the largest share of the biological crop protection market. However, Europe is projected to experience the fastest growth during the forecast period. The market analysis covers several key regions including Asia-Pacific, South East Asia, Western Europe, Eastern Europe, North America, South America, the Middle East, and Africa, providing a broad view of global market dynamics and regional opportunities.

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