

## 15th International Conference on Microbial Interactions & Microbial Ecology-Market Analysis

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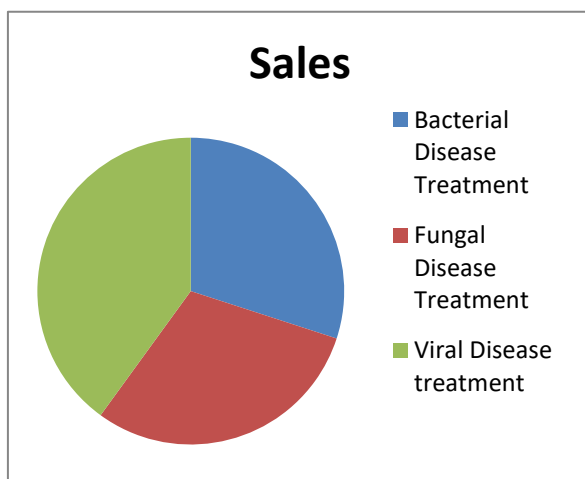
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### Market Analysis

In 2015, the international biopesticides and synthetic pesticides demand stood at \$58.5 billion. The market should reach \$60.2 billion in 2016 and \$78.7 billion by 2021, growing at a compound annual growth rate (CAGR) of 5.5% from 2016 to 2021. In 2015, the global synthetic pesticides market reached \$54.8 billion. The market should reach \$56.2 billion in 2016 and \$71.0 billion by 2021. The global biopesticides market reached \$3.7 billion in 2015. The market should reach nearly \$4.0 billion in 2016 and \$7.9 billion by 2021.

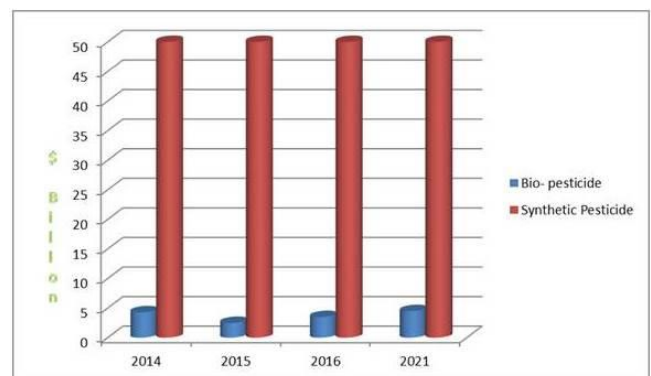
### GLOBAL MARKETS: INFECTIOUS DISEASE TREATMENTS

The infectious disease treatments' market report organizes information from diverse sources into a cohesive unit that includes an overview, global implications of infectious diseases, infectious diseases by type, treatment and Prevention, new pharmaceutical and industrial products and the related chapter on patents. Information is organized by type of infectious disease (i.e., bacterial, viral, parasitic, and fungal) as well as current and anticipated appropriate treatments. The below report was prepared with marketing and sales personnel and investors in mind. The public must develop a comprehensive understanding of the social and economic consequences of infectious diseases.



### GLOBAL MARKET SHARES OF BIOPESTICIDES AND SYNTHETIC PESTICIDES

Global Market for Pesticides report provides the reader with a detailed analysis of the global biopesticide industry. It also discusses technological developments, future trends and emerging opportunities. This market report organizes information from diverse sources into a cohesive unit that includes a pesticide (synthetic a biopesticide) overview, organic farming and production overview, industry structure, and technology and The global market for biopesticides and synthetic pesticides reached \$58.5 billion in 2015. The market should reach \$60.2 billion in 2016 and \$78.7 billion by 2021, growing at a compound annual growth rate (CAGR) of 5.5% from 2016 to 2021. The global market for synthetic pesticides reached \$54.8 billion in 2015. The market should reach \$56.2 billion in 2016 and \$71.0 billion by 2021. In 2015, the global synthetic pesticides industry reached \$54.8 billion. The market should reach nearly \$4.0 billion in 2016 and \$7.9 billion by 2021.



### Scope and Importance

#### Keeping the planet healthy

Microbes are essentially protectors of the planet, ensuring that minerals such as carbon and nitrogen are incessantly recycled. They play a crucial role in keeping the atmosphere oxygenated and in actively degrading dead organic matter, thereby converting organic carbon back into carbon dioxide.

**Agriculture**

When developing soils that can sustain crops and livestock, microbes are important. Microbiology studies help farmers optimize nitrate levels and maximize production.

**Combating disease**

Infectious diseases have the ability to wipe out entire populations, and the key to keeping outbreaks under control is microbiology. The study of microscopic organisms allows scientists to develop antibiotics and vaccines, with revelations such as Alexander Fleming's discovery of penicillin saving millions upon millions of lives.

**Chemical products**

From antibiotics and solvents to preservatives and pharmaceuticals, microbes are used to create a myriad of useful products that we take for granted. Uncovering these chemical reactions and retailing them as commercial goods shapes the face of life as we know it.

**Biotechnology**

Genetic engineering is an incredibly exciting discovery, and the center of the field is microbiology. Bacteria facilitate the experimental process of moving genes freely from one species to another, isolating DNA and manipulating findings.

**Target Audience:**

- Microbiologists
- Scientists
- Professors
- Research Scholars
- Students
- Directors/Chairs/Co-Chairs from Biological Field
- Market research and consulting firms
- Research laboratories and academic institutes
- Food and beverages manufacturing companies
- Pharmaceutical product manufacturing companies
- Environmental monitoring product manufacturing companies
- Microbiological Testing/Clinical Microbiology product manufacturers
- Healthcare service providers (Including hospitals and diagnostic centers)

**Related Companies/Industries:**

- Xylem
- Bio Merieux Inc
- B D Diagnostic Systems
- XBiotech
- Genentech
- Emeryville Pharmaceutical Services
- BioScreen Testing Services
- Bio-Synthesis, Inc
- Teton Microbiology Lab
- Nelson Laboratories Inc
- Microstar Lab Ltd
- Hardy Diagnostics
- Eurofins Microbiology Laboratory
- Nelson Laboratories Inc
- EMLab P&K: Mold & Asbestos Laboratory
- ASC Microbiology Laboratories Inc
- B & B Microbiology Laboratory
- Environmental Associates Ltd
- EMSL Analytical Inc
- Microbiological Associates
- Silliker Laboratories Group

**Related Associations and Societies:**

- International Union of Microbiological Societies
- American Society for Microbiology
- Society for General Microbiology
- World Society for Microbiology
- Society for Applied Microbiology
- Canadian Society of Microbiologists
- International Society for Antiviral Research (ISAR)
- International Society for Microbial Ecology (ISME)
- International Society for Antiviral Research (ISAR)
- International Society for Microbial Ecology (ISME)
- Swedish Society of Infectious Diseases
- Swedish Society of Medical Microbiology
- Swiss Society for Infectious Disease
- Society for General Microbiology (SGM)