

GLOBAL BIOPESTICIDES MARKET FORECAST 2017-2025

<https://marketpublishers.com/r/G6D74F8CB80EN.html>

Date: May 2017

Pages: 142

Price: US\$ 2,500.00 (Single User License)

ID: G6D74F8CB80EN

Abstracts

KEY FINDINGS

The Global biopesticides market generated revenue of \$2690 Million in 2016 and is anticipated to contribute \$15122 Million by 2025, growing at a CAGR of 21.2%. Various reasons for growth of the biopesticide market are increasing demand for organic food, awareness about harmful effect of chemical pesticides, novel products, easy decomposability and advent of new kind of pests.

Biopesticides are organic biological agents that are used to control harmful organisms, like pests and weeds. Bioinsecticides are organic formulations that are used for management of insects that attack crops. Biofungicides are formulations of microorganisms, mostly bacteria and fungi that are used to control plant pathogens. Bionematicide is a formulation of bacteria and fungi that is used to manage crop infestation by nematodes.

Biopesticides are very specific in nature in that they have high host specificity and are biodegradable. These are required in very small quantities and offer less exposure and decompose quickly without leaving too much of a trace and allow field re-entry almost immediately after application.

Biopesticide market is segmented on the basis of geography, product type, crop, application and ingredient. On the basis of product type, biopesticides are classified as bioherbicide, bioinsecticide, bionematicide and biofungicide. On the basis of active ingredient, they can be microbial pesticides, plants pesticides and biochemical pesticides. Classification on basis of crop type is permanent crops, arable crops and others that include forage grass and turf grass. When classified on the basis of

application it is seed treatment, soil treatment and post harvest application.

MARKET INSIGHTS

Market drivers for biopesticides are need for environment friendly pesticides, growth in demand for organic food, awareness about chemical pesticides after effects, stringent environment regulations, quick decomposition and advent of new kind of pests.

On the basis of active ingredients, microbial pesticides are most popular and have the highest market share and will continue to grow in the forecast period. Microbial pesticides are most popular due to their high effectiveness. Biopesticide for permanent crops has the highest market share and it is expected to grow at a healthy CAGR in the forecast period.

Factors that will restrain market growth are knowledge and understanding required for application of biopesticides, lack of awareness and time taken for these biopesticides to be effective.

Figure: Global Biopesticide Market by Geography (%) in 2017

REGIONAL INSIGHTS

Market regions that are covered in the report are North America, Europe, Asia-Pacific and RoW. North America has the largest market share of biopesticide market. Reasons for high market share in North America are greater investment in research and development, well-established integrated pest management (IPM) and integrated crop management (ICM) programs and increase in area being allocated for organic cultivation. European market is expected to continue growing at a healthy rate due to growing demand for organic food and strict environment regulations. Spain, Italy and France are the key biopesticide markets.

Asia-Pacific market is expected to report highest growth in the years 2017-2023. Increasing demand for food, government initiatives to educate farmers and agriculturists, growing population and rising health awareness will also lead to market growth in this region.

COMPETITIVE INSIGHTS

The major market players for biopesticide are Bayers Crop Science Ag, BASF SE, Monsanto Company, Marrone Bio Innovations Inc., Valent Biosciences, Biowork Inc.,

Camson Biotechnologies, The Dow Chemical Company and IsagroS.p.A. Established companies have a good hold on the biopesticide market due to high cost of investment needed to enter and sustain in the market. Companies are forming alliances and are going for mergers and acquisitions to strengthen their market position. Organizations are investing in research and development to come up with novel and innovative products that will capture new market share.

Contents

1. RESEARCH SCOPE

- 1.1. STUDY GOALS
- 1.2. SCOPE OF THE MARKET STUDY
- 1.3. WHO WILL FIND THIS REPORT USEFUL?
- 1.4. STUDY AND FORECASTING YEARS

2. RESEARCH METHODOLOGY

- 2.1. SOURCES OF DATA
- 2.2. BOTTOM UP APPROACH
- 2.3. TOP DOWN APPROACH
- 2.4. DATA TRIANGULATION
- 2.5. EXECUTIVE SUMMARY

3. MARKET OVERVIEW

- 3.1. KEY MARKET DRIVERS
- 3.2. RESTRAINTS
- 3.3. CHALLENGES
- 3.4. OPPORTUNITIES
- 3.5. PARENT MARKET: PESTICIDES MARKET

4. GLOBAL BIOPESTICIDE MARKET BY PRODUCT TYPE

- 4.1. BIOINSECTICIDES
 - 4.1.1. BIOFUNGICIDES
 - 4.1.2. BIONEMATICIDES
 - 4.1.3. GLOBAL OTHER BIOPESTICIDES MARKET

5. GLOBAL BIOPESTICIDE MARKET BY CROP TYPE

- 5.1. BIOPESTICIDES IN CROP TYPES
 - 5.1.1. BIOPESTICIDES IN GRAINS & CEREALS
 - 5.1.2. BIOPESTICIDES IN OIL SEEDS
 - 5.1.3. BIOPESTICIDES IN FRUITS & VEGETABLES
- 5.2. BIOPESTICIDES IN NON CROPS

5.1.1. BIOPESTICIDES IN TURF & ORNAMENTALS

6. GLOBAL BIOPESTICIDES MARKET BY INGREDIENTS

6.1. MICROBIALS BIOPESTICIDES

6.1.1. BACTERIAL BIOPESTICIDES

6.2.2. VIRAL BIOPESTICIDES

6.3.3. FUNGAL BIOPESTICIDES

6.4.4. NEMATODE BIOPESTICIDES

6.5.5. OTHER MICROBIAL BIOPESTICIDES

7. GLOBAL BIOPESTICIDE MARKET BY END USERS

7.1. GLOBAL BIOPESTICIDES ON FARM MARKET

7.2. GLOBAL BIOPESTICIDES SEED TREATMENT MARKET

7.3. GLOBAL BIOPESTICIDES POST HARVEST MARKET

8. KEY ANALYTICAL FINDINGS

8.1. PORTER'S 5 FORCES ANALYSIS

8.2. PORTER'S FIVE FORCE MODEL

8.3. TOP THREE MARKET TRENDS

8.4. TOP THREE GEOGRAPHIES

8.5. COMPETITIVE LANDSCAPE, TOP WINNING STRATEGIES & COMPETITIVE MOVES AND MARKET SHARE ANALYSIS

9. GEOGRAPHIC ANALYSIS

9.1. NORTH AMERICA

9.1.1. UNITED STATES (U.S.)

9.1.2. CANADA

9.2. EUROPE

9.2.1. UNITED KINGDOM (UK)

9.2.2. FRANCE

9.2.3. GERMANY

9.2.4. SPAIN

9.2.5. ITALY

9.2.6. ROE

9.3. ASIA PACIFIC

9.3.1. INDIA

9.3.2. CHINA

9.3.3. JAPAN

9.3.4. AUSTRALIA

9.3.5. ROAPAC

9.4. REST OF THE WORLD BIOPESTICIDES MARKET

9.4.1. LATIN AMERICA

9.4.2. MENA

9.4.3. AFRICA

10. COMPANIES PROFILES

10.1. BASF SE

10.2. BAYER CROPSOURCE AG

10.3. BIOWORKS INC.

10.4. CERTIS USA

10.5. DUPONT

10.6. ISAGRO SPA

10.7. KOPPERT BIOLOGICAL SYSTEMS

10.8. MARRONE BIOINNOVATIONS

10.9. MONSANTO

10.10. NOVOZYMES BIOLOGICALS

10.11. HEBEI VEYONG BIOCHEMICAL COMPANY LTD.

10.12. HERCON ENVIRONMENTAL

10.13. MYCOGEN SEEDS

10.14. NATURAL FORCES LLC

10.15. NATURAL INDUSTRIES INC

10.16. VERDERA OY

10.17. WESTBRIDGE AGRICULTURAL PRODUCTS

10.18. VALENT BIOSCIENCES CORPORATION

10.19. PEST CONTROL INDIA

10.20. INTERNATIONAL PANACEA LTD.

10.21. T. STANES & COMPANY LIMITED

10.22. BIOTECH INTERNATIONAL

10.23. GREENEEM AGRI (P) LTD

10.24. EXOSECT LTD

10.25. GOWAN COMPANY

10.26. GROWTH PRODUCTS LTD

List Of Tables

LIST OF TABLES

- 1. GLOBAL BIOPESTICIDES MARKET BY TYPES IN \$ MILLION 2017-2025**
- 2. TYPES OF BIO PESTICIDES**
- 3. FACTORS LIMITING USAGE OF BIOPESTICIDES IN COMPARISON TO CHEMICAL PESTICIDES**
- 4. GLOBAL BIOPESTICIDE MARKET BY TYPES 2017-2025 (\$ MILLION)**
- 5. GLOBAL BIOINSECTICIDE MARKET BY GEOGRAPHY 2017-2025 (\$ MILLION)**
- 6. GLOBAL BIONEMATICIDES MARKET BY GEOGRAPHY 2017-2025 (\$ MILLION)**
- 7. GLOBAL OTHER BIOPESTICIDES MARKET BY GEOGRAPHY 2017-2025 (\$ MILLION)**
- 8. GLOBAL BIOPESTICIDES MARKET BY APPLICATION 2017-2025 (\$ MILLION)**
- 9. GLOBAL CROP BASED BIOPESTICIDES MARKET BY TYPES 2017-2025 (\$ MILLION)**
- 10. USE OF BIOPESTICIDES OVER GRAIN AND CEREAL CROPS**
- 11. GLOBAL BIOPESTICIDES MARKET FOR GRAINS AND CEREALS 2017-2025 (\$ MILLION)**
- 12. USE OF BIOPESTICIDES OVER OIL SEEDS**
- 13. GLOBAL BIOPESTICIDES MARKET FOR OILSEEDS 2017-2025 (\$ MILLION)**
- 14. USE OF BIOPESTICIDES OVER FRUITS AND VEGETABLES**
- 15. GLOBAL BIOPESTICIDES MARKET FOR FRUITS AND VEGETABLES 2017-2025 (\$ MILLION)**

16. GLOBAL NON-CROP BASED BIOPESTICIDES MARKET BY TYPES 2017-2025 (\$ MILLION)

17. USE OF BIOPESTICIDES OVER TURF GRASS AND ORNAMENTAL GRASSES

18. GLOBAL BIOPESTICIDES MARKET FOR TURF GRASS AND ORNAMENTAL GRASSES 2017-2025 (\$ MILLION)

19. GLOBAL BIOPESTICIDES MARKET BY INGREDIENTS 2017-2025 (\$ MILLION)

20. GLOBAL MICROBIAL BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

21. GLOBAL BACTERIAL BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

22. GLOBAL VIRAL BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

23. GLOBAL FUNGAL BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

24. GLOBAL NEMATODE BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

25. GLOBAL OTHER MICROBIAL BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

26. GLOBAL YEAST BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

27. GLOBAL PROTOZOAN BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

28. GLOBAL BIORATIONAL BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

29. GLOBAL BOTANICAL BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

30. GLOBAL INSECT GROWTH REGULATOR BIOPESTICIDE MARKET 2017-2025 (\$ MILLION)

31. GLOBAL FEEDING DETERRENTS BIOPESTICIDE MARKET 2017-2025 (\$ MILLION)

32. LIST OF REPELLANTS

33. GLOBAL REPELLANT BIOPESTICIDE MARKET 2017-2025 (\$ MILLION)

34. GLOBAL BIOPESTICIDE CONFUSANTS MARKET 2017-2025 (\$ MILLION)

35. GLOBAL PLANT ALLELOPATHY BIOPESTICIDE MARKET 2017-2025 (\$ MILLION)

36. GLOBAL PLANT GROWTH REGULATION BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

37. GLOBAL FUNGICIDAL CONTROL BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

38. GLOBAL INDUCED RESISTANCE BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

39. GLOBAL PYRETHRUM BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

40. GLOBAL NEEM BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

41. GLOBAL ESSENTIAL OILS BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

42. GLOBAL SEMIOCHEMICALS BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

43. GLOBAL SEMIOCHEMICALS REPELLANTS BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

44. GLOBAL SEMIOCHEMICALS PHEROMONES BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

45. GLOBAL SEMIOCHEMICALS ALLOMONES BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

46. GLOBAL SEMIOCHEMICALS KAIROMONES BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

47. GLOBAL BIOPESTICIDES MARKET BY END USERS 2017-2025 (\$ MILLION)

48. GLOBAL BIOPESTICIDES MARKET FOR FARMS 2017-2025 (\$ MILLION)

49. GLOBAL BIOPESTICIDES MARKET FOR SEED TREATMENT 2017-2025 (\$ MILLION)

50. GLOBAL BIOPESTICIDES MARKET FOR POST HARVEST 2017-2025 (\$ MILLION)

51. BENEFITS OF BIOPESTICIDES

52. RESEARCH AND DEVELOPMENT AGREEMENTS

53. LIST OF ACQUISITIONS

54. LIST OF COLLABORATIONS AND PARTNERSHIPS

55. NORTH AMERICA BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

56. EUROPEAN BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

57. ASIA PACIFIC BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

58. NUMBERS OF BIO PESTICIDE ACTIVE INGREDIENT AND PRODUCTS REGISTERED IN CHINA

59. ROW BIOPESTICIDES MARKET 2017-2025 (\$ MILLION)

GLOBAL YEAST BIOPESTICIDES MARKET 2017-2023 (\$ MILLION)

27. GLOBAL PROTOZOAN BIOPESTICIDES MARKET 2017-2023 (\$ MILLION)

28. GLOBAL BIORATIONAL BIOPESTICIDES MARKET 2017-2023 (\$ MILLION)

29. GLOBAL BOTANICAL BIOPESTICIDES MARKET 2017-2023 (\$ MILLION)

30. GLOBAL INSECT GROWTH REGULATOR BIOPESTICIDE MARKET 2017-2023 (\$ MILLION)

31. GLOBAL FEEDING DETERRENTS BIOPESTICIDE MARKET 2017-2023 (\$

MILLION)

32. LIST OF REPELLANTS

33. GLOBAL REPELLANT BIOPESTICIDE MARKET 2017-2023 (\$ MILLION)

34. GLOBAL BIOPESTICIDE CONFUSANTS MARKET 2017-2023 (\$ MILLION)

35. GLOBAL PLANT ALLELOPATHY BIOPESTICIDE MARKET 2017-2023 (\$ MILLION)

36. GLOBAL PLANT GROWTH REGULATION BIOPESTICIDES MARKET 2017-2023 (\$ MILLION)

37. GLOBAL FUNGICIDAL CONTROL BIOPESTICIDES MARKET 2017-2023 (\$ MILLION)

38. GLOBAL INDUCED RESISTANCE BIOPESTICIDES MARKET 2017-2023 (\$ MILLION)

39. GLOBAL PYRETHRUM BIOPESTICIDES MARKET 2017-2023 (\$ MILLION)

40. GLOBAL NEEM BIOPESTICIDES MARKET 2017-2023 (\$ MILLION)

41. GLOBAL ESSENTIAL OILS BIOPESTICIDES MARKET 2017-2023 (\$ MILLION)

42. GLOBAL SEMIOCHEMICALS BIOPESTICIDES MARKET 2017-2023 (\$ MILLION)

43. GLOBAL SEMIOCHEMICALS REPELLANTS BIOPESTICIDES MARKET 2017-2023 (\$ MILLION)

44. GLOBAL SEMIOCHEMICALS PHEROMONES BIOPESTICIDES MARKET 2017-2023 (\$ MILLION)

45. GLOBAL SEMIOCHEMICALS ALLOMONES BIOPESTICIDES MARKET 2017-2023 (\$ MILLION)

46. GLOBAL SEMIOCHEMICALS KAIROMONES BIOPESTICIDES MARKET 2017-2023 (\$ MILLION)

47. GLOBAL BIOPESTICIDES MARKET BY END USERS 2017-2023 (\$ MILLION)

48. GLOBAL BIOPESTICIDES MARKET FOR FARMS 2017-2023 (\$ MILLION)

49. GLOBAL BIOPESTICIDES MARKET FOR SEED TREATMENT 2017-2023 (\$ MILLION)

50. GLOBAL BIOPESTICIDES MARKET FOR POST HARVEST 2017-2023 (\$ MILLION)

51. BENEFITS OF BIOPESTICIDES

52. RESEARCH AND DEVELOPMENT AGREEMENTS

53. LIST OF ACQUISITIONS

54. LIST OF COLLABORATIONS AND PARTNERSHIPS

55. NORTH AMERICA BIOPESTICIDES MARKET 2017-2023 (\$ MILLION)

56. EUROPEAN BIOPESTICIDES MARKET 2017-2023 (\$ MILLION)

57. ASIA PACIFIC BIOPESTICIDES MARKET 2017-2023 (\$ MILLION)

58. NUMBERS OF BIO PESTICIDE ACTIVE INGREDIENT AND PRODUCTS REGISTERED IN CHINA

59. ROW BIOPESTICIDES MARKET 2017-2023 (\$ MILLION)

List Of Figures

LIST OF FIGURES

- 1. MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM UP APPROACH**
- 2. MARKET SIZE ESTIMATION METHODOLOGY: TOP DOWN APPROACH**
- 3. DATA TRIANGULATION**
- 4. OBJECTIVES FOR USAGE OF BIO-PESTICIDES**
- 5. GLOBAL PESTICIDES MARKET SHARE BY SEGMENTS**
- 6. RISING REVENUE OF GLOBAL BIOPESTICIDES MARKET**
- 7. GLOBAL BIOFUNGICIDE MARKET BY TYPES 2017-2025 (\$ MILLION)**
- 8. FACTORS RESPONSIBLE FOR INCREASED ADOPTION OF BIOPESTICIDES**
- 9. BIOPESTICIDES MARKET: PORTER'S MODEL**
- 10. TOP GROWING MARKETS**
- 11. TOP THREE GEOGRAPHIES (AS PER GROWTH RATE)**
- 12. TOP THREE EMERGING COUNTRIES**
- 13. MARKET SHARE ANALYSIS – TOP PLAYERS IN BIOPESTICIDES MARKET**
- 14. NORTH AMERICAN BIO PESTICIDE MARKET BY PRODUCT TYPE**
- 15. SALES, 2014, ORGANIC INDUSTRY (\$ BILLION)**
- 16. CANADA ORGANIC FOOD AND BEVERAGES SALES BY PRODUCT CATEGORY, 2012-2014**
- 17. DISTRIBUTION OF ORGANIC AGRICULTURE IN EUROPE, 2013**

18. ORGANIC MARKET OF UK BY PRODUCT CATEGORY, 2014

19. PRODUCT SHARE OF FRENCH ORGANIC MARKET, 2012

20. PERCENT OF GERMANS WHO AGREE THAT OFFERING ORGANIC PRODUCTS IS IMPORTANT OR VERY IMPORTANT, BY VENUE, 2014

21. MARKET SIZES OF ORGANIC AND REGULAR PACKAGED FOOD RETAIL SALES VALUE IN US\$ MILLIONS

22. ITALIAN ORGANIC BEVERAGES MARKET SIZES, RETAIL SALES VALUE, (\$ MILLION)

23. ITALIAN ORGANIC FOOD MARKET SIZES, RETAIL SALES VALUE, (\$ MILLION)

24. ORGANIC AGRICULTURE LAND SHARE, 2014 (ESTIMATED)

25. BIO PESTICIDES MARKET SHARE BY SUB CATEGORIES, INDIA

26. BIO PESTICIDES MARKET SHARE BY SUB CATEGORIES, JAPAN

I would like to order

Product name: GLOBAL BIOPESTICIDES MARKET FORECAST 2017-2025

Product link: <https://marketpublishers.com/r/G6D74F8CB80EN.html>

Price: US\$ 2,500.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G6D74F8CB80EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970