

Biorational Pesticides Market by Source (Botanical, Microbial, Non-organic), Type (Insecticides, Fungicides, Nematicides), Mode of Application (Foliar Spray, Soil Treatment, Trunk Injection), Formulation, Crop Type, and Region - Global Forecast to 2022

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Abstracts

“The biorational pesticides market is projected to grow at a CAGR of 12.5%”

The biorational pesticides market is estimated at USD 2.78 billion in 2017, and projected to grow at a CAGR of 12.5%, to reach USD 5.02 billion by 2022. The market is primarily driven by factors such as growth in organic farming and promotion of natural products for agriculture by government organizations. Asia Pacific is projected to be the fastest-growing regional market due to the increasing demand and export of organic fruits & vegetables. One of the major restraints in the growth of the biorational pesticides market is the limited product availability and low efficacy of biologicals.

“Biorational insecticides segment led the market with the largest share in 2016”

On the basis of type, the biorational pesticides market was led by the insecticides segment. Biorational insecticides are applied to destroy specific pests on plants without affecting the surrounding environment; hence, the market for biorational insecticides accounted for the largest share in 2016. One of the most important features of biorational insecticides is that they are specific to a well-defined range of target insect species in contrast to chemical pesticides, which usually affect a wide range of species.

“Botanical sources of biorational pesticides account for the largest share in 2016”

Based on source, the botanicals segment accounted for the largest share in the

biorational pesticides market in 2016. Botanical pesticides contain naturally occurring substances that control pests using a non-toxic mechanism.

“Soil treatment to be the fastest growing mode of application of biorational pesticides”

Based on mode of application, the soil treatment segment is expected to be the fastest-growing during the forecast period. This segment is rapidly growing mainly due to the increasing application of biopesticides, nutrition enhancers, growth regulators, and biorational pesticides to treat soil for protection against pest attacks in the initial stage of crop production.

“Fruits & vegetables lead the crop type segment”

On the basis of crop type, the fruits & vegetables as segment accounted for the largest share in the biorational pesticides market in 2016. Fruits & vegetables are grown on a larger scale in greenhouses, which drives the demand for biorational pesticides.

“Liquid formulation accounted for the largest share in the biorational pesticides market in 2016”

On the basis of formulation, the liquid segment accounted for the largest share in the biorational pesticides market in 2016. The liquid form is in high demand as it is economical, convenient to use, and has an effective means of application of biorational pesticides.

“High growth is expected in the Asia Pacific biorational pesticides market”

Asia Pacific is projected to be the fastest-growing market for the period considered for this study, due to the rising awareness about biorational pesticides and continuous technological advancements in farming in the region. In addition, the growing demand for crops and rising cultivation in Asia Pacific countries have encouraged agribusiness companies to expand their supplier and manufacturing bases in the region.

Break-up of Primaries:

By Company Type: Tier 1 – 35 %, Tier 2 – 45%, and Tier 3 – 20%

By Designation: C Level – 35%, D Level – 25%, and Others – 40%

By Region: North America – 20%, Europe –25%, Asia-Pacific – 40% and RoW – 15%,

Others include sales managers, marketing managers, and product managers.

Leading players profiled in this report:

Bayer (Germany)

Monsanto BioAg (Germany)

BASF SE (Germany)

DowDuPont (US)

Syngenta (Switzerland)

Valent Biosciences (US)

Isagro SPA (Italy)

Koppert (The Netherland)

Marrone Bio Innovations (US)

Russell IPM (UK)

Gowan Company, LLC (US)

Research Coverage:

The report segments the biorational pesticides on the basis of type, source, mode of application, crop type, formulation, and region. In terms of insights, this report has focused on various levels of analyses—competitive landscape, end-use analysis, and company profiles, which together comprise and discuss views on the emerging & high-growth segments of the global biorational pesticides, high-growth regions, countries, government initiatives, drivers, restraints, opportunities, and challenges.

Reasons to buy this report:

To get a comprehensive overview of the biorational pesticides

To gain wide ranging information about the top players in this industry, their product portfolios, and key strategies adopted by them

To gain insights about the major countries/regions in which the biorational pesticides is flourishing

Contents

1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 MARKET SCOPE
- 1.4 PERIODIZATION
- 1.5 CURRENCY
- 1.6 STAKEHOLDERS

2 RESEARCH METHODOLOGY

- 2.1 RESEARCH DATA
 - 2.1.1 SECONDARY DATA
 - 2.1.1.1 Key data from secondary sources
 - 2.1.2 PRIMARY DATA
 - 2.1.2.1 Breakdown of primaries, by company type, designation, and region
 - 2.1.2.2 Key Industry Insights
- 2.2 MARKET SIZE ESTIMATION
 - 2.2.1 BOTTOM-UP APPROACH
 - 2.2.2 TOP-DOWN APPROACH
- 2.3 MARKET BREAKDOWN & DATA TRIANGULATION
- 2.4 RESEARCH ASSUMPTIONS & LIMITATIONS
 - 2.4.1 ASSUMPTIONS
 - 2.4.2 LIMITATIONS

3 EXECUTIVE SUMMARY

4 PREMIUM INSIGHTS

- 4.1 ATTRACTIVE OPPORTUNITIES IN THE BIORATIONAL PESTICIDES MARKET
- 4.2 BIORATIONAL PESTICIDES MARKET, BY TYPE
- 4.3 BIORATIONAL PESTICIDES MARKET, BY MODE OF APPLICATION
- 4.4 GLOBAL BIORATIONAL PESTICIDES MARKET, BY CROP TYPE
- 4.5 NORTH AMERICAN BIORATIONAL PESTICIDES MARKET SHARE, BY SOURCE & COUNTRY, 2016
- 4.6 BIORATIONAL PESTICIDES MARKET, BY COUNTRY

5 MARKET OVERVIEW

5.1 INTRODUCTION

5.2 MARKET DYNAMICS

5.2.1 DRIVERS

5.2.1.1 Consumer shift toward organic foods

5.2.1.2 Heavy crop loss due to pest attacks

5.2.1.3 Promotion by government organizations

5.2.1.4 Evolving farming practices & technology

5.2.2 RESTRAINTS

5.2.2.1 Limited product availability and low shelf life of biorational pesticides

5.2.3 OPPORTUNITIES

5.2.3.1 Increasing investment in agricultural activities

5.2.3.2 Strong market potential in developing countries

5.2.4 CHALLENGES

5.2.4.1 Lack of basic infrastructure

5.3 SUPPLY CHAIN ANALYSIS

6 BIORATIONAL PESTICIDES MARKET, BY SOURCE

6.1 INTRODUCTION

6.2 BOTANICAL

6.2.1 PYRETHRIN

6.2.2 AZADIRACHTIN & NEEM OIL

6.2.3 ROTENONE

6.2.4 OTHERS

6.3 MICROBIAL

6.3.1 BACILLUS THURINGIENSIS

6.3.2 BEAVERIA BASSIANA

6.3.3 OTHERS

6.4 NON-ORGANIC

6.5 OTHERS

7 BIORATIONAL PESTICIDES MARKET, BY MODE OF APPLICATION

7.1 INTRODUCTION

7.2 FOLIAR SPRAY

7.3 SOIL TREATMENT

7.4 TRUNK INJECTION

7.5 OTHER MODES OF APPLICATION

8 BIORATIONAL PESTICIDE MARKET, BY CROP TYPE

8.1 INTRODUCTION

8.2 FRUITS & VEGETABLES

8.2.1 CITRUS FRUITS

8.2.2 BERRIES

8.2.3 TOMATOES

8.2.4 POTATOES

8.2.5 OTHERS

8.3 CEREALS & GRAINS

8.3.1 WHEAT

8.3.2 RICE

8.3.3 CORN

8.3.4 OTHERS

8.4 OILSEEDS & PULSES

8.4.1 SOYBEAN

8.4.2 SUNFLOWER

8.4.3 COTTON SEED

8.4.4 OTHERS

8.5 OTHER CROP TYPES

9 BIORATIONAL PESTICIDES MARKET, BY FORMULATION

9.1 INTRODUCTION

9.2 LIQUID

9.3 DRY

10 BIORATIONAL PESTICIDES MARKET, BY TYPE

10.1 INTRODUCTION

10.2 BIORATIONAL INSECTICIDES

10.3 BIORATIONAL FUNGICIDES

10.4 BIORATIONAL NEMATICIDES

10.5 OTHERS

11 BIORATIONAL PESTICIDES MARKET, BY REGION

11.1 INTRODUCTION

11.2 NORTH AMERICA

11.2.1 US

11.2.2 CANADA

11.2.3 MEXICO

11.3 EUROPE

11.3.1 FRANCE

11.3.2 ITALY

11.3.3 GERMANY

11.3.4 SPAIN

11.3.5 UK

11.3.6 REST OF EUROPE

11.4 ASIA PACIFIC

11.4.1 CHINA

11.4.2 INDIA

11.4.3 JAPAN

11.4.4 AUSTRALIA

11.4.5 REST OF ASIA PACIFIC

11.5 REST OF THE WORLD (ROW)

11.5.1 SOUTH AMERICA

11.5.2 MIDDLE EAST & AFRICA

12 BIORATIONAL PESTICIDES MARKET: REGULATORY FRAMEWORK

12.1 INTRODUCTION

12.2 NORTH AMERICA

12.2.1 US

12.2.2 CANADA

12.2.2.1 Regulatory authority for biopesticides registration

12.2.2.2 Regulatory authority for biorational registration

12.3 EUROPE

12.3.1 EUROPEAN UNION

12.3.2 GERMANY

12.3.3 UK

12.3.4 FRANCE

12.3.5 SPAIN

12.3.6 RUSSIA

12.4 ASIA PACIFIC

12.4.1 CHINA

12.4.2 AUSTRALIA

12.4.2.1 Product Data Requirements

13 COMPETITIVE LANDSCAPE

13.1 OVERVIEW

13.1.1 KEY MARKET STRATEGIES

13.2 COMPETITIVE SCENARIO

13.2.1 NEW PRODUCT LAUNCH, 2012–2017

13.2.2 EXPANSIONS & INVESTMENTS

13.2.3 MERGERS & ACQUISITIONS

13.2.4 AGREEMENTS, PARTNERSHIPS, COLLABORATIONS, AND JOINT VENTURES

14 COMPANY PROFILES

(Business overview, Products offered, Recent Developments, SWOT analysis, MNM view)*

14.1 BAYER

14.2 SYNGENTA

14.3 MONSANTO BIOAG

14.4 BASF SE

14.5 DOWDUPONT

14.6 VALENT BIOSCIENCES

14.7 ISAGRO SPA

14.8 KOPPERT

14.9 MARRONE BIO INNOVATIONS

14.10 RUSSELL IPM

14.11 GOWAN COMPANY, LLC

*Details on Business overview, Products offered, Recent Developments, SWOT analysis, MNM view might not be captured in case of unlisted companies.

15 APPENDIX

15.1 DISCUSSION GUIDE

15.2 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL

15.3 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE

15.4 AVAILABLE CUSTOMIZATIONS

15.5 RELATED REPORTS

15.6 AUTHOR DETAILS

List Of Tables

LIST OF TABLES

Table 1 US DOLLAR EXCHANGE RATE CONSIDERED FOR STUDY, 2014–2016

Table 2 BIORATIONAL PESTICIDES MARKET SIZE, BY SOURCE, 2015-2022 (USD MILLION)

Table 3 BOTANICAL BIORATIONAL PESTICIDES MARKET SIZE, BY REGION, 2015-2022 (USD MILLION)

Table 4 MICROBIAL BIORATIONAL PESTICIDES MARKET SIZE, BY REGION, 2015-2022 (USD MILLION)

Table 5 NON-ORGANIC BIORATIONAL PESTICIDES MARKET SIZE, BY REGION, 2015-2022 (USD MILLION)

Table 6 OTHER BIORATIONAL PESTICIDES MARKET SIZE, BY REGION, 2015-2022 (USD MILLION)

Table 7 BIORATIONAL PESTICIDES MARKET SIZE, BY MODE OF APPLICATION, 2015–2022 (USD MILLION)

Table 8 FOLIAR SPRAY MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 9 SOIL TREATMENT MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 10 TRUNK INJECTION MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 11 OTHER MODES OF APPLICATION MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 12 BIORATIONAL PESTICIDES MARKET SIZE, BY CROP TYPE, 2015–2022 (USD MILLION)

Table 13 FRUITS & VEGETABLES: BIORATIONAL PESTICIDES MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 14 CEREALS & GRAINS: BIORATIONAL PESTICIDES MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 15 OILSEEDS & PULSES BIORATIONAL PESTICIDES MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 16 OTHER CROP TYPES: BIORATIONAL PESTICIDES MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 17 BIORATIONAL PESTICIDES MARKET SIZE, BY FORMULATION, 2015–2022 (USD MILLION)

Table 18 LIQUID BIORATIONAL PESTICIDES MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 19 DRY BIORATIONAL PESTICIDES MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 20 BIORATIONAL PESTICIDES MARKET SIZE, BY TYPE, 2015–2022 (USD MILLION)

Table 21 BIORATIONAL INSECTICIDES MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 22 BIORATIONAL FUNGICIDES MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 23 BIORATIONAL NEMATOCIDES MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 24 OTHER BIORATIONAL PESTICIDES MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 25 BIORATIONAL PESTICIDES MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 26 NORTH AMERICA: BIORATIONAL PESTICIDES MARKET SIZE, BY SOURCE, 2015–2022 (USD MILLION)

Table 27 NORTH AMERICA: BIORATIONAL PESTICIDES MARKET SIZE, BY CROP TYPE, 2015–2022 (USD MILLION)

Table 28 NORTH AMERICA: BIORATIONAL PESTICIDES MARKET SIZE, BY MODE OF APPLICATION, 2015–2022 (USD MILLION)

Table 29 NORTH AMERICA: BIORATIONAL PESTICIDES MARKET SIZE, BY TYPE, 2015–2022 (USD MILLION)

Table 30 NORTH AMERICA: BIORATIONAL PESTICIDES MARKET SIZE, BY FORMULATION, 2015–2022 (USD MILLION)

Table 31 NORTH AMERICA: BIORATIONAL PESTICIDES MARKET SIZE, BY COUNTRY, 2015–2022 (USD MILLION)

Table 32 US: BIORATIONAL PESTICIDES MARKET SIZE, BY SOURCE, 2015–2022 (USD MILLION)

Table 33 CANADA: BIORATIONAL PESTICIDES MARKET SIZE, BY SOURCE, 2015–2022 (USD MILLION)

Table 34 MEXICO: BIORATIONAL PESTICIDES MARKET SIZE, BY SOURCE, 2015–2022 (USD MILLION)

Table 35 EUROPE: BIORATIONAL PESTICIDES MARKET SIZE, BY SOURCE, 2015–2022 (USD MILLION)

Table 36 EUROPE: BIORATIONAL PESTICIDES MARKET SIZE, BY CROP TYPE, 2015–2022 (USD MILLION)

Table 37 EUROPE: BIORATIONAL PESTICIDES MARKET SIZE, BY MODE OF APPLICATION, 2015–2022 (USD MILLION)

Table 38 EUROPE: BIORATIONAL PESTICIDES MARKET SIZE, BY TYPE, 2015–2022 (USD MILLION)

Table 39 EUROPE: BIORATIONAL PESTICIDES MARKET SIZE, BY FORMULATION,

2015–2022 (USD MILLION)

Table 40 EUROPE: BIORATIONAL PESTICIDES MARKET SIZE, BY COUNTRY, 2015–2022 (USD MILLION)

Table 41 FRANCE: BIORATIONAL PESTICIDES MARKET SIZE, BY SOURCE, 2015–2022 (USD MILLION)

Table 42 ITALY: BIORATIONAL PESTICIDES MARKET SIZE, BY SOURCE, 2015–2022 (USD MILLION)

Table 43 GERMANY: BIORATIONAL PESTICIDES MARKET SIZE, BY SOURCE, 2015–2022 (USD MILLION)

Table 44 SPAIN: BIORATIONAL PESTICIDES MARKET SIZE, BY SOURCE, 2015–2022 (USD MILLION)

Table 45 UK: BIORATIONAL PESTICIDES MARKET SIZE, BY SOURCE, 2015–2022 (USD MILLION)

Table 46 REST OF EUROPE: BIORATIONAL PESTICIDES MARKET SIZE, BY SOURCE, 2015–2022 (USD MILLION)

Table 47 ASIA PACIFIC: BIORATIONAL PESTICIDES MARKET SIZE, BY SOURCE, 2015–2022 (USD MILLION)

Table 48 ASIA PACIFIC: BIORATIONAL PESTICIDES MARKET SIZE, BY CROP TYPE, 2015–2022 (USD MILLION)

Table 49 ASIA PACIFIC: BIORATIONAL PESTICIDES MARKET SIZE, BY MODE OF APPLICATION, 2015–2022 (USD MILLION)

Table 50 ASIA PACIFIC: BIORATIONAL PESTICIDES MARKET SIZE, BY TYPE, 2015–2022 (USD MILLION)

Table 51 ASIA PACIFIC: BIORATIONAL PESTICIDES MARKET SIZE, BY FORMULATION, 2015–2022 (USD MILLION)

Table 52 ASIA PACIFIC: BIORATIONAL PESTICIDES MARKET SIZE, BY COUNTRY, 2015–2022 (USD MILLION)

Table 53 CHINA: BIORATIONAL PESTICIDES MARKET SIZE, BY SOURCE, 2015–2022 (USD MILLION)

Table 54 INDIA: BIORATIONAL PESTICIDES MARKET SIZE, BY SOURCE, 2015–2022 (USD MILLION)

Table 55 JAPAN: BIORATIONAL PESTICIDES MARKET SIZE, BY SOURCE, 2015–2022 (USD MILLION)

Table 56 AUSTRALIA: BIORATIONAL PESTICIDES MARKET SIZE, BY SOURCE, 2015–2022 (USD MILLION)

Table 57 REST OF ASIA PACIFIC: BIORATIONAL PESTICIDES MARKET SIZE, BY SOURCE, 2015–2022 (USD MILLION)

Table 58 ROW: BIORATIONAL PESTICIDES MARKET SIZE, BY TYPE, 2015–2022 (USD MILLION)

Table 59 ROW: BIORATIONAL PESTICIDES MARKET SIZE, BY CROP TYPE, 2015–2022 (USD MILLION)

Table 60 ROW: BIORATIONAL PESTICIDES MARKET SIZE, BY MODE OF APPLICATION, 2015–2022 (USD MILLION)

Table 61 ROW: BIORATIONAL PESTICIDES MARKET SIZE, BY SOURCE, 2015–2022 (USD MILLION)

Table 62 ROW: BIORATIONAL PESTICIDES MARKET SIZE, BY FORMULATION, 2015–2022 (USD MILLION)

Table 63 ROW: BIORATIONAL PESTICIDES MARKET SIZE, BY REGION, 2015–2022 (USD MILLION)

Table 64 SOUTH AMERICA: BIORATIONAL PESTICIDES MARKET SIZE, BY SOURCE, 2015–2022 (USD MILLION)

Table 65 MIDDLE EAST & AFRICA: BIORATIONAL PESTICIDES MARKET SIZE, BY TYPE, 2015–2022 (USD MILLION)

Table 66 REGULATORY AUTHORITIES FOR AGRICULTURAL BIOLOGICALS IN EACH COUNTRY

Table 67 BIOPESTICIDES REGISTERED IN CHINA, 2016

Table 68 NEW PRODUCT LAUNCH, 2012–2017

Table 69 INVESTMENTS & EXPANSIONS, 2013–2017

Table 70 MERGERS & ACQUISITIONS 2013–2017

Table 71 AGREEMENTS, PARTNERSHIPS, COLLABORATIONS, AND JOINT VENTURES, 2013–2016

List Of Figures

LIST OF FIGURES

Figure 1 MARKET SEGMENTATION: BIORATIONAL PESTICIDES MARKET

Figure 2 BIORATIONAL PESTICIDES MARKET: RESEARCH DESIGN

Figure 3 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

Figure 4 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

Figure 5 DATA TRIANGULATION

Figure 6 ASSUMPTIONS OF THE RESEARCH STUDY

Figure 7 LIMITATIONS OF THE RESEARCH STUDY

Figure 8 BIORATIONAL PESTICIDES MARKET SIZE, BY TYPE, 2015–2022 (USD MILLION)

Figure 9 BIORATIONAL PESTICIDES MARKET SIZE, BY MODE OF APPLICATION, 2017 VS. 2022 (USD MILLION)

Figure 10 BIORATIONAL PESTICIDES MARKET SIZE, BY CROP TYPE, 2017 VS. 2022 (USD MILLION)

Figure 11 BIORATIONAL PESTICIDES MARKET SHARE (VALUE), BY SOURCE, 2016

Figure 12 BIORATIONAL PESTICIDES MARKET SHARE, BY REGION, 2016

Figure 13 INCREASING DEMAND FOR ORGANIC AGRICULTURAL PRODUCTS TO DRIVE THE MARKET FOR BIORATIONAL PESTICIDES

Figure 14 INSECTICIDES SEGMENT TO DOMINATE THE MARKET BETWEEN THROUGH 2022

Figure 15 FOLIAR SPRAY SEGMENT TO DOMINATE THE MARKET THROUGH 2022

Figure 16 FRUITS & VEGETABLES SEGMENT TO DOMINATE THE MARKET THROUGH 2022

Figure 17 BOTANICAL SEGMENT DOMINATED THE NORTH AMERICAN BIORATIONAL PESTICIDES MARKET IN 2016

Figure 18 INDIA TO GROW AT THE HIGHEST CAGR FROM 2017 TO 2022

Figure 19 BIORATIONAL PESTICIDES MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

Figure 20 ORGANIC FOOD SALES IN THE US, 2003–2015

Figure 21 RISING TREND OF SETTING UP AGRICULTURAL INVESTMENT FUND

Figure 22 CROP HARVESTED AREA IN ASIA, 2011-2015 ('000 HA)

Figure 23 CROP HARVESTED AREA IN SOUTH AMERICA, 2011-2015 ('000 HA)

Figure 24 REGULATORY APPROVALS FORM A VITAL COMPONENT OF THE SUPPLY CHAIN

Figure 25 BOTANICAL SEGMENT PROJECTED TO DOMINATE THE MARKET

DURING THE FORECAST PERIOD

Figure 26 BOTANICAL BIORATIONAL PESTICIDES MARKET SIZE, BY REGION, 2017 VS. 2022 (USD MILLION)

Figure 27 FOLIAR SPRAY IS PROJECTED TO DOMINATE THE MARKET FROM 2017 TO 2022

Figure 28 NORTH AMERICA TO ACCOUNT FOR THE LARGEST MARKET SHARE FOR FOLIAR SPRAY FROM 2017 TO 2022 (USD MILLION)

Figure 29 FRUITS & VEGETABLE SEGMENT TO DOMINATE THE MARKET FROM 2017 TO 2022

Figure 30 NORTH AMERICA TO HOLD THE LARGEST MARKET SHARE FOR THE FRUITS & VEGETABLES SEGMENT BY 2022

Figure 31 LIQUID FORMULATIONS TO DOMINATE THE MARKET FROM 2017 TO 2022

Figure 32 NORTH AMERICA TO ACCOUNT FOR THE LARGEST MARKET SHARE FOR LIQUID BIORATIONAL PESTICIDES FROM 2017 TO 2022

Figure 33 BIORATIONAL INSECTICIDES TO BE THE LARGEST SEGMENT THROUGH 2022

Figure 34 BIORATIONAL INSECTICIDES MARKET SIZE, BY REGION, 2017 VS. 2022 (USD MILLION)

Figure 35 NORTH AMERICA TO DOMINATE THE BIORATIONAL PESTICIDES MARKET, 2017 VS. 2022

Figure 36 INDIA AND CHINA TO BE THE MOST ATTRACTIVE MARKETS FOR BIORATIONAL PESTICIDES MANUFACTURERS (2017–2022)

Figure 37 NORTH AMERICA: BIORATIONAL PESTICIDES MARKET SNAPSHOT

Figure 38 EUROPE: BIORATIONAL PESTICIDES MARKET SNAPSHOT

Figure 39 ASIA PACIFIC SNAPSHOT: BIORATIONAL PESTICIDES MARKET

Figure 40 KEY DEVELOPMENTS BY LEADING PLAYERS IN THE BIORATIONAL PESTICIDES MARKET FROM 2015 TO 2017

Figure 41 BIORATIONAL PESTICIDES MARKET DEVELOPMENTS, BY GROWTH STRATEGY, 2012–2017

Figure 42 BAYER: COMPANY SNAPSHOT

Figure 43 BAYER: SWOT ANALYSIS

Figure 44 SYNGENTA: COMPANY SNAPSHOT

Figure 45 SYNGENTA: SWOT ANALYSIS

Figure 46 MONSANTO BIOAG ALLIANCE: COMPANY SNAPSHOT

Figure 47 MONSANTO BIOAG: SWOT ANALYSIS

Figure 48 BASF SE: COMPANY SNAPSHOT

Figure 49 BASF: SWOT ANALYSIS

Figure 50 DOWDUPONT: COMPANY SNAPSHOT

Figure 51 DOWDUPONT: SWOT ANALYSIS

Figure 52 ISAGRO SPA: COMPANY SNAPSHOT

Figure 53 MARRONE BIO INNOVATIONS: COMPANY SNAPSHOT

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