

# **Beneficial Insects Market by Application (Crop protection, Crop production), Type (Predators, Parasitoids, Pathogens, and Pollinators), Crop Type (Fruits & Vegetables, Flowers & Ornamentals, and Grains & Pulses) and Region - Global Forecast to 2028**

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## **Abstracts**

According to MarketsandMarkets, the beneficial insects market is projected to reach USD 1,630 Million by 2028 from USD 877 Million by 2023, at a CAGR of 13.2% during the forecast period in terms of value. The rising demand for organic farming increases the rise in demand for beneficial insects. Numerous factors influence the growth of the beneficial insects market. First, Increasing environmental concerns drive the adoption of beneficial insects and Growing demand for pest-specific bio-control agents drive the adoption of beneficial insects.

'By type, predators are projected to dominate during the forecast period.'

Predators are projected to dominate the beneficial insect market. With increasing concerns over the environmental and health impacts of chemical pesticides, there is a growing demand for sustainable pest control solutions. Predatory insects such as ladybugs, lacewings, and parasitic wasps offer a natural and effective alternative to chemical-based interventions. These predators specifically target and consume pests, providing targeted control without harming beneficial organisms or pollinators. The rise of integrated pest management (IPM) practices further supports the dominance of predators in the market as farmers increasingly adopt holistic and eco-friendly approaches to crop protection. As consumers prioritize sustainable agriculture, the market for predator-based solutions is expected to witness significant growth in the coming years.

'By application, the market for crop protection is projected in high market share.'

Beneficial insects for crop protection are projected to secure a substantial market share soon. As the global demand for sustainable and eco-friendly agricultural practices continues to grow, the significance of harnessing the power of beneficial insects becomes increasingly apparent. These natural allies, including ladybugs, lacewings, and parasitic wasps, offer efficient and targeted pest control solutions while minimizing reliance on chemical pesticides. With heightened awareness surrounding the detrimental effects of conventional pesticides on human health and the environment, the market for beneficial insects in crop protection is poised for rapid expansion. The industry's shift towards embracing these natural predators underscores the recognition of their invaluable role in ensuring crop health and productivity in a sustainable manner.

'By crop type, rise in demand for organic farming increased demand for the beneficial insects in fruits and vegetable cultivation.'

The surge in demand for organic farming has led to a notable increase in the demand for beneficial insects in fruits and vegetable cultivation. As consumers increasingly prioritize healthier and more sustainable food options, the market for organic produce has witnessed significant growth. To meet the strict guidelines and requirements of organic certification, farmers are turning to natural and eco-friendly methods of pest control. Beneficial insects, such as ladybugs, lacewings, and parasitic wasps, offer an effective and chemical-free solution for managing pests in organic crops. By introducing these natural predators into their fields, farmers can maintain pest populations at bay while adhering to organic farming principles. This growing demand for beneficial insects highlights the pivotal role they play in supporting the sustainable production of fruits and vegetables, satisfying the needs of health-conscious consumers, and promoting a greener agricultural industry.

North America has the highest market share during the forecast period.

The North American region has emerged as a frontrunner in the market for beneficial insects, boasting the highest market share for these natural allies in pest management. With a strong focus on sustainable agriculture and reducing chemical inputs, north american farmers have embraced the use of beneficial insects as a viable alternative to synthetic pesticides. The United States and Canada have witnessed significant adoption of biological control methods, driven by stringent regulations, consumer demand for organic produce, and a growing awareness of environmental impact. The well-established infrastructure for the production and distribution of beneficial insects in north

america has further fueled their market dominance. The region's agricultural sector has recognized the value of these natural enemies, which include ladybugs, parasitic wasps, and predatory mites, in maintaining a balance between pests and crops, leading to higher yields, improved quality, and reduced chemical residues. As sustainable farming practices continue to gain traction, the market share of beneficial insects in north america is expected to remain strong, contributing to the overall success of the region's agriculture industry.

#### Break-up of Primaries:

By Company Type: Tier1- 35%, Tier 2- 45%, Tier 3- 20%

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

By Region: North America - 40%, Asia Pacific – 30%, Europe - 20%, Middle East And Africa – 5%, Latin America-5%

#### Leading players profiled in this report:

Applied Bio-nomics Ltd (Canada)

Biobest Group NV (Belgium)

Bioline AgroSciences Ltd (UK)

Fargro Limited (UK)

Andermatt Group AG (Switzerland)

ARBICO Organics (US)

BioBee Ltd (Israel)

BIONEMA (UK)

Koppert (Netherlands)

Tip Top Bio-Control (US)

Evergreen Growers Supply, LLC (US)

Anatis Bioprotection (Canada)

GrowLiv Biologicals (Canada)

Planet Natural (US)

Natural Pest Controls (US)

KUNAFIN (US)

IPM Laboratories, Inc. (US)

Nature's Control (US)

Associates Insectary (US)

Bugs For Bugs (Australia)

Rincon-Vitova Insectaries (US)

Harmony Farm Supply & Nursery (US)

FAR INC (US)

Organic Control, Inc. (US)

Eco Bugs India Private Limited (India)

The study includes an in-depth competitive analysis of these key players in the beneficial insects market with their company profiles, recent developments, and key market strategies.

Research Coverage:

The report segments the beneficial insects market based on application, type, crop type,

*Beneficial Insects Market by Application (Crop protection, Crop production), Type (Predators, Parasitoids, Pat...*

and region. In terms of insights, this report has focused on various levels of analyses—the competitive landscape, end-use analysis, and company profiles, which together comprise and discuss views on the emerging & high-growth segments of the global beneficial insects market, high-growth regions, countries, government initiatives, drivers, restraints, opportunities, and challenges.

Reasons to buy this report:

The report will help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall beneficial insects market and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. The report also helps stakeholders understand the pulse of the market and provides them with information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

Analysis of key drivers (Regulatory restrictions regarding the use of chemical products), restraints (Environmental constraints for the use of beneficial insects), opportunities (Increasing importance of sustainable food production in global regions), and challenges (High preference for agrochemical products amongst the farmers) influencing the growth of the beneficial insects market.

Product Development/Innovation: Detailed insights on upcoming technologies, research & development activities, and new product & service launches in the beneficial insects market.

Market Development: Comprehensive information about lucrative markets – the report analyses the beneficial insects market across varied regions.

Market Diversification: Exhaustive information about new products & services, untapped geographies, recent developments, and investments in the beneficial insects market.

Competitive Assessment: In-depth assessment of market shares, growth strategies and service offerings of leading players Applied Bio-nomics Ltd (Canada), Biobest Group NV (Belgium), Bioline AgroSciences Ltd (UK), Fargo Limited (UK), Andermatt Group AG (Switzerland) are among others in the

beneficial insects market strategies. The report also helps stakeholders understand the beneficial insects market and provides them with information on key market drivers, restraints, challenges, and opportunities

## Contents

### 1 INTRODUCTION

#### 1.1 STUDY OBJECTIVES

#### 1.2 MARKET DEFINITION

#### 1.3 STUDY SCOPE

##### 1.3.1 MARKET SEGMENTATION

##### 1.3.2 INCLUSIONS & EXCLUSIONS

##### 1.3.3 REGIONS COVERED

#### 1.4 YEARS CONSIDERED

#### 1.5 CURRENCY CONSIDERED

#### TABLE 1 USD EXCHANGE RATES, 2018–2022

#### 1.6 UNITS CONSIDERED

#### 1.7 STAKEHOLDERS

#### 1.8 SUMMARY OF CHANGES

#### 1.9 RECESSION IMPACT

### 2 RESEARCH METHODOLOGY

#### 2.1 RESEARCH DATA

#### FIGURE 1 RESEARCH DESIGN

##### 2.1.1 SECONDARY DATA

##### 2.1.1.1 Key data from secondary sources

##### 2.1.2 PRIMARY DATA

##### 2.1.2.1 Key data from primary sources

##### 2.1.2.2 Breakdown of primary interviews

#### FIGURE 2 BREAKDOWN OF PRIMARY INTERVIEWS: BY COMPANY TYPE, DESIGNATION, AND REGION

##### 2.1.2.3 Key primary insights

#### 2.2 MARKET SIZE ESTIMATION

#### FIGURE 3 BENEFICIAL INSECTS MARKET ESTIMATION: DEMAND SIDE (TOP-DOWN APPROACH)

##### 2.2.1 BOTTOM-UP APPROACH

#### FIGURE 4 BENEFICIAL INSECTS MARKET ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

#### 2.3 DATA TRIANGULATION

#### FIGURE 5 DATA TRIANGULATION

#### 2.4 RESEARCH ASSUMPTIONS

**TABLE 2 RESEARCH ASSUMPTIONS****2.5 LIMITATIONS AND RISK ASSESSMENT****TABLE 3 LIMITATIONS AND RISK ASSESSMENT****2.6 RECESSION IMPACT ANALYSIS****2.6.1 RECESSION MACROINDICATORS****FIGURE 6 RECESSION MACROINDICATORS****FIGURE 7 GLOBAL INFLATION RATE, 2011–2021****FIGURE 8 GLOBAL GROSS DOMESTIC PRODUCT, 2011–2021 (USD TRILLION)****FIGURE 9 RECESSION INDICATORS AND THEIR IMPACT ON BENEFICIAL INSECTS MARKET****FIGURE 10 GLOBAL BENEFICIAL INSECTS MARKET: EARLIER FORECAST VS. RECESSION FORECAST****3 EXECUTIVE SUMMARY****TABLE 4 BENEFICIAL INSECTS MARKET SNAPSHOT, 2023 VS. 2028****FIGURE 11 BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023 VS. 2028 (USD MILLION)****FIGURE 12 BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023 VS. 2028 (USD MILLION)****FIGURE 13 BENEFICIAL INSECTS MARKET: REGIONAL SNAPSHOT****4 PREMIUM INSIGHTS****4.1 ATTRACTIVE OPPORTUNITIES FOR PLAYERS IN BENEFICIAL INSECTS MARKET****FIGURE 14 SHIFT TOWARD SUSTAINABLE AGRICULTURE TO DRIVE MARKET GROWTH****4.2 BENEFICIAL INSECTS MARKET, BY REGION****FIGURE 15 NORTH AMERICA TO DOMINATE BENEFICIAL INSECTS MARKET DURING FORECAST PERIOD****4.3 EUROPE: BENEFICIAL INSECTS MARKET, BY KEY APPLICATION AND COUNTRY****FIGURE 16 CROP PROTECTION SEGMENT AND NETHERLANDS ACCOUNTED FOR SIGNIFICANT SHARE IN 2022****FIGURE 17 BENEFICIAL INSECTS MARKET, BY REGION AND TYPE, 2023 VS. 2028 (USD MILLION)****FIGURE 18 US, BRAZIL, AND SPAIN TO GROW AT SIGNIFICANT RATES DURING FORECAST PERIOD**



## 5 MARKET OVERVIEW

### 5.1 INTRODUCTION

### 5.2 MACROECONOMIC INDICATORS

#### 5.2.1 INCREASE IN ORGANIC AGRICULTURAL PRACTICES

FIGURE 19 GLOBAL ORGANIC AGRICULTURAL LAND, BY REGION, 2020

FIGURE 20 TOP TEN COUNTRIES WITH LARGEST ORGANIC AGRICULTURAL LAND, 2020 (HECTARES)

### 5.3 MARKET DYNAMICS

FIGURE 21 BENEFICIAL INSECTS MARKET: DRIVERS, RESTRAINTS, OPPORTUNITIES, AND CHALLENGES

#### 5.3.1 DRIVERS

5.3.1.1 Harmful effects of synthetic plant protection products

FIGURE 22 GLOBAL PESTICIDE USAGE, 2016–2020 (TONS)

5.3.1.2 Increased resistance of insects and weeds to pesticides

5.3.1.3 Rising interest in organic foods

#### 5.3.2 RESTRAINTS

5.3.2.1 Knowledge gap and implementation challenges

#### 5.3.3 OPPORTUNITIES

5.3.3.1 Increased effectiveness of beneficial insects in controlled environment

5.3.3.2 Sustained global food production

#### 5.3.4 CHALLENGES

5.3.4.1 Economic hurdles to adopting beneficial insects

## 6 INDUSTRY TRENDS

### 6.1 INTRODUCTION

### 6.2 VALUE CHAIN ANALYSIS

#### 6.2.1 RESEARCH AND PRODUCT DEVELOPMENT

#### 6.2.2 SOURCING

#### 6.2.3 PRODUCTION

#### 6.2.4 MARKETING, SALES, LOGISTICS, AND RETAIL

FIGURE 23 VALUE CHAIN ANALYSIS

### 6.3 SUPPLY CHAIN ANALYSIS

FIGURE 24 SUPPLY CHAIN ANALYSIS

### 6.4 TECHNOLOGY ANALYSIS

#### 6.4.1 GENETIC IMPROVEMENT AND SELECTIVE BREEDING

### 6.5 PATENT ANALYSIS

FIGURE 25 NUMBER OF PATENTS APPROVED FOR BENEFICIAL INSECTS,  
2011–2021

FIGURE 26 JURISDICTIONS WITH HIGHEST PATENT APPROVALS FOR  
BENEFICIAL INSECTS, 2016–2022

6.5.1 LIST OF MAJOR PATENTS PERTAINING TO BENEFICIAL INSECTS MARKET

TABLE 5 LIST OF MAJOR PATENTS PERTAINING TO BENEFICIAL INSECTS  
MARKET

6.6 ECOSYSTEM ANALYSIS

6.6.1 DEMAND SIDE

6.6.2 SUPPLY SIDE

FIGURE 27 ECOSYSTEM MAP

TABLE 6 ROLE OF KEY PLAYERS IN MARKET ECOSYSTEM

6.7 TRADE ANALYSIS

TABLE 7 EXPORT VALUE OF LIVE INSECTS (EXCLUDING BEES), 2022 (USD  
THOUSAND)

TABLE 8 IMPORT VALUE OF LIVE INSECTS (EXCLUDING BEES), 2022 (USD  
THOUSAND)

TABLE 9 IMPORT VALUE OF LIVE BEES, 2022 (USD THOUSAND)

TABLE 10 EXPORT VALUE OF LIVE BEES, 2022 (USD THOUSAND)

6.8 KEY CONFERENCES & EVENTS, 2022–2023

TABLE 11 LIST OF CONFERENCES & EVENTS, 2022–2023

6.9 TRENDS/DISRUPTIONS IMPACTING BUYERS

FIGURE 28 TRENDS/DISRUPTIONS IMPACTING BUYERS

6.10 AVERAGE PRICE ANALYSIS

FIGURE 29 AVERAGE SELLING PRICE TREND, BY TYPE, 2022 (USD PER BOX)

6.11 CASE STUDIES

6.11.1 ORGANIC TOMATO GREENHOUSE FARMS UTILIZED ECOATION OKO  
CART TO RECORD PEST PRESSURE AND CLIMATE DATA

6.11.2 CROPLIFE INTERNATIONAL, CROPLIFE ASIA, AND CROPLIFE INDIA  
COLLABORATED TO PROMOTE EFFECTIVE CROP PROTECTION PRACTICES  
AMONG FARMERS

6.12 PORTER'S FIVE FORCES ANALYSIS

TABLE 12 PORTER'S FIVE FORCES ANALYSIS

6.12.1 INTENSITY OF COMPETITIVE RIVALRY

6.12.2 THREAT OF NEW ENTRANTS

6.12.3 THREAT OF SUBSTITUTES

6.12.4 BARGAINING POWER OF SUPPLIERS

6.12.5 BARGAINING POWER OF BUYERS

6.13 KEY STAKEHOLDERS & BUYING CRITERIA

#### 6.13.1 KEY STAKEHOLDERS IN BUYING PROCESS

FIGURE 30 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR KEY APPLICATIONS

TABLE 13 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR KEY APPLICATIONS

#### 6.13.2 BUYING CRITERIA

FIGURE 31 INFLUENCE OF STAKEHOLDERS ON BUYING PROCESS FOR BENEFICIAL INSECTS

TABLE 14 KEY BUYING CRITERIA FOR KEY APPLICATIONS

### 6.14 REGULATORY FRAMEWORK

6.14.1 REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 15 NORTH AMERICA: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 16 EUROPE: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

TABLE 17 ASIA PACIFIC: LIST OF REGULATORY BODIES, GOVERNMENT AGENCIES, AND OTHER ORGANIZATIONS

6.14.1.1 US

6.14.1.2 Canada

6.14.1.3 Europe

6.14.1.4 India

6.14.1.5 Australia

## 7 BENEFICIAL INSECTS MARKET, BY APPLICATION

### 7.1 INTRODUCTION

FIGURE 32 CROP PROTECTION SEGMENT TO ACCOUNT FOR LARGER MARKET DURING FORECAST PERIOD

TABLE 18 BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022 (USD MILLION)

TABLE 19 BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

### 7.2 CROP PROTECTION

7.2.1 NEED TO PREVENT HARMFUL EFFECTS OF CHEMICAL PESTICIDES ON CROPS TO DRIVE DEMAND

TABLE 20 CROP PROTECTION: BENEFICIAL INSECTS MARKET, BY REGION, 2018–2022 (USD MILLION)

TABLE 21 CROP PROTECTION: BENEFICIAL INSECTS MARKET, BY REGION,

2023–2028 (USD MILLION)

### 7.3 CROP PRODUCTION

#### 7.3.1 BENEFICIAL INSECTS KEY TO ARTIFICIAL POLLINATION IN CROP PRODUCTION

TABLE 22 CROP PRODUCTION: BENEFICIAL INSECTS MARKET, BY REGION, 2018–2022 (USD MILLION)

TABLE 23 CROP PRODUCTION: BENEFICIAL INSECTS MARKET, BY REGION, 2023–2028 (USD MILLION)

## 8 BENEFICIAL INSECTS MARKET, BY CROP TYPE

### 8.1 INTRODUCTION

#### 8.2 FRUITS & VEGETABLES

#### 8.3 FLOWERS & ORNAMENTALS

#### 8.4 GRAINS & PULSES

## 9 BENEFICIAL INSECTS MARKET, BY TYPE

### 9.1 INTRODUCTION

FIGURE 33 BENEFICIAL INSECTS MARKET SEGMENTATION, BY TYPE

TABLE 24 PESTS AND THEIR COMMON NATURAL ENEMIES

FIGURE 34 PREDATORS SEGMENT TO ACCOUNT FOR LARGEST MARKET DURING FORECAST PERIOD

TABLE 25 BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2018–2022 (USD MILLION)

TABLE 26 BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023–2028 (USD MILLION)

### 9.2 PREDATORS

9.2.1 HIGH DEMAND FOR PREDATORS FOR CROP PROTECTION TO DRIVE MARKET

TABLE 27 COMMON PREDATORY INSECTS AND THEIR PREY

TABLE 28 PREDATORS: BENEFICIAL INSECTS MARKET, BY REGION, 2018–2022 (USD MILLION)

TABLE 29 PREDATORS: BENEFICIAL INSECTS MARKET, BY REGION, 2023–2028 (USD MILLION)

### 9.3 PARASITOIDS

9.3.1 NEED FOR BIOLOGICAL CONTROL OF PESTS TO DRIVE PARASITOIDS MARKET

TABLE 30 COMMON PARASITOIDS AND THEIR HOSTS

TABLE 31 PARASITOIDS: BENEFICIAL INSECTS MARKET, BY REGION, 2018–2022  
(USD MILLION)

TABLE 32 PARASITOIDS: BENEFICIAL INSECTS MARKET, BY REGION, 2023–2028  
(USD MILLION)

#### 9.4 PATHOGENS

9.4.1 POPULARITY OF NATURAL PEST CONTROL PRACTICES TO DRIVE  
DEMAND FOR PATHOGENS

TABLE 33 PATHOGENS: BENEFICIAL INSECTS MARKET, BY REGION, 2018–2022  
(USD MILLION)

TABLE 34 PATHOGENS: BENEFICIAL INSECTS MARKET, BY REGION, 2023–2028  
(USD MILLION)

#### 9.5 POLLINATORS

9.5.1 GROWING USE OF POLLINATORS TO CULTIVATE CROPS AND PLANT-  
BASED MEDICINES TO DRIVE MARKET

TABLE 35 POLLINATORS: BENEFICIAL INSECTS MARKET, BY REGION, 2018–2022  
(USD MILLION)

TABLE 36 POLLINATORS: BENEFICIAL INSECTS MARKET, BY REGION, 2023–2028  
(USD MILLION)

### 10 BENEFICIAL INSECTS MARKET, BY REGION

#### 10.1 INTRODUCTION

FIGURE 35 EUROPE AND ASIA PACIFIC TO BE EMERGING MARKETS DURING  
FORECAST PERIOD

TABLE 37 BENEFICIAL INSECTS MARKET, BY REGION, 2018–2022 (USD MILLION)

TABLE 38 BENEFICIAL INSECTS MARKET, BY REGION, 2023–2028 (USD MILLION)

#### 10.2 NORTH AMERICA

FIGURE 36 NORTH AMERICA: BENEFICIAL INSECTS MARKET SNAPSHOT

TABLE 39 NORTH AMERICA: BENEFICIAL INSECTS MARKET, BY COUNTRY,  
2018–2022 (USD MILLION)

TABLE 40 NORTH AMERICA: BENEFICIAL INSECTS MARKET, BY COUNTRY,  
2023–2028 (USD MILLION)

TABLE 41 NORTH AMERICA: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE,  
2018–2022 (USD MILLION)

TABLE 42 NORTH AMERICA: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE,  
2023–2028 (USD MILLION)

TABLE 43 NORTH AMERICA: BENEFICIAL INSECTS MARKET, BY APPLICATION,  
2018–2022 (USD MILLION)

TABLE 44 NORTH AMERICA: BENEFICIAL INSECTS MARKET, BY APPLICATION,

2023–2028 (USD MILLION)

10.2.1 NORTH AMERICA: RECESSION IMPACT ANALYSIS

FIGURE 37 NORTH AMERICAN BENEFICIAL INSECTS MARKET: RECESSION IMPACT ANALYSIS

10.2.2 US

10.2.2.1 Growing demand for environmentally friendly pest control methods to drive market

TABLE 45 US: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022 (USD MILLION)

TABLE 46 US: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 47 US: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2018–2022 (USD MILLION)

TABLE 48 US: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023–2028 (USD MILLION)

10.2.3 CANADA

10.2.3.1 Rising adoption of beneficial insects in stored food to drive market

TABLE 49 CANADA: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022 (USD MILLION)

TABLE 50 CANADA: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 51 CANADA: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2018–2022 (USD MILLION)

TABLE 52 CANADA: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023–2028 (USD MILLION)

10.2.4 MEXICO

10.2.4.1 Need to restrict use of chemicals in farms to drive market

TABLE 53 MEXICO: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022 (USD MILLION)

TABLE 54 MEXICO: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 55 MEXICO: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2018–2022 (USD MILLION)

TABLE 56 MEXICO: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023–2028 (USD MILLION)

10.3 EUROPE

FIGURE 38 EUROPEAN BENEFICIAL INSECTS MARKET SNAPSHOT

TABLE 57 EUROPE: BENEFICIAL INSECTS MARKET, BY COUNTRY, 2018–2022 (USD MILLION)

TABLE 58 EUROPE: BENEFICIAL INSECTS MARKET, BY COUNTRY, 2023–2028  
(USD MILLION)

TABLE 59 EUROPE: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022  
(USD MILLION)

TABLE 60 EUROPE: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028  
(USD MILLION)

TABLE 61 EUROPE: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE,  
2018–2022 (USD MILLION)

TABLE 62 EUROPE: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE,  
2023–2028 (USD MILLION)

#### 10.3.1 EUROPE: RECESSION IMPACT ANALYSIS

FIGURE 39 EUROPEAN BENEFICIAL INSECTS MARKET: RECESSION IMPACT  
ANALYSIS

#### 10.3.2 UK

10.3.2.1 Government support for sustainable agriculture to drive growth

TABLE 63 UK: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022 (USD  
MILLION)

TABLE 64 UK: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028 (USD  
MILLION)

TABLE 65 UK: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2018–2022  
(USD MILLION)

TABLE 66 UK: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023–2028  
(USD MILLION)

#### 10.3.3 GERMANY

10.3.3.1 Rapid decrease in use of pesticides to drive growth

TABLE 67 GERMANY: BENEFICIAL INSECTS MARKET, BY APPLICATION,  
2018–2022 (USD MILLION)

TABLE 68 GERMANY: BENEFICIAL INSECTS MARKET, BY APPLICATION,  
2023–2028 (USD MILLION)

TABLE 69 GERMANY: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE,  
2018–2022 (USD MILLION)

TABLE 70 GERMANY: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE,  
2023–2028 (USD MILLION)

#### 10.3.4 FRANCE

10.3.4.1 French government to support sustainable agricultural practices to propel  
market

TABLE 71 FRANCE: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022  
(USD MILLION)

TABLE 72 FRANCE: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028



(USD MILLION)

TABLE 73 FRANCE: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE,  
2018–2022 (USD MILLION)

TABLE 74 FRANCE: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE,  
2023–2028 (USD MILLION)

#### 10.3.5 ITALY

10.3.5.1 Growing demand for products with reduced chemical residues to drive  
market

TABLE 75 ITALY: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022  
(USD MILLION)

TABLE 76 ITALY: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028  
(USD MILLION)

TABLE 77 ITALY: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2018–2022  
(USD MILLION)

TABLE 78 ITALY: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023–2028  
(USD MILLION)

#### 10.3.6 SPAIN

10.3.6.1 Growing acceptance and adoption of IPM practices by farmers to boost  
market growth

TABLE 79 SPAIN: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022  
(USD MILLION)

TABLE 80 SPAIN: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028  
(USD MILLION)

TABLE 81 SPAIN: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2018–2022  
(USD MILLION)

TABLE 82 SPAIN: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023–2028  
(USD MILLION)

#### 10.3.7 NETHERLANDS

10.3.7.1 Adoption of sustainable agriculture practices to contribute to increased use  
of beneficial insects

TABLE 83 NETHERLANDS: BENEFICIAL INSECTS MARKET, BY APPLICATION,  
2018–2022 (USD MILLION)

TABLE 84 NETHERLANDS: BENEFICIAL INSECTS MARKET, BY APPLICATION,  
2023–2028 (USD MILLION)

TABLE 85 NETHERLANDS: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE,  
2018–2022 (USD MILLION)

TABLE 86 NETHERLANDS: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE,  
2023–2028 (USD MILLION)

#### 10.3.8 GREECE



#### 10.3.8.1 Government subsidies to drive growth of beneficial insects market

TABLE 87 GREECE: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022 (USD MILLION)

TABLE 88 GREECE: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 89 GREECE: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2018–2022 (USD MILLION)

TABLE 90 GREECE: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023–2028 (USD MILLION)

#### 10.3.9 RUSSIA

##### 10.3.9.1 Implementation of regulations on pesticide use to support market growth

TABLE 91 RUSSIA: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022 (USD MILLION)

TABLE 92 RUSSIA: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 93 RUSSIA: BENEFICIAL INSECTS MARKET, BY TYPE, 2018–2022 (USD THOUSAND)

TABLE 94 RUSSIA: BENEFICIAL INSECTS MARKET, BY TYPE, 2023–2028 (USD THOUSAND)

#### 10.3.10 POLAND

10.3.10.1 Contribution of beneficial insects in restoring forests to boost their popularity

TABLE 95 POLAND: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022 (USD MILLION)

TABLE 96 POLAND: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 97 POLAND: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2018–2022 (USD MILLION)

TABLE 98 POLAND: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023–2028 (USD MILLION)

#### 10.3.11 REST OF EUROPE

TABLE 99 REST OF EUROPE: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022 (USD MILLION)

TABLE 100 REST OF EUROPE: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 101 REST OF EUROPE: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2018–2022 (USD MILLION)

TABLE 102 REST OF EUROPE: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023–2028 (USD MILLION)

## 10.4 ASIA PACIFIC

TABLE 103 ASIA PACIFIC: BENEFICIAL INSECTS MARKET, BY COUNTRY, 2018–2022 (USD MILLION)

TABLE 104 ASIA PACIFIC: BENEFICIAL INSECTS MARKET, BY COUNTRY, 2023–2028 (USD MILLION)

TABLE 105 ASIA PACIFIC: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022 (USD MILLION)

TABLE 106 ASIA PACIFIC: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 107 ASIA PACIFIC: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2018–2022 (USD MILLION)

TABLE 108 ASIA PACIFIC: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023–2028 (USD MILLION)

### 10.4.1 ASIA PACIFIC: RECESSION IMPACT ANALYSIS

FIGURE 40 ASIA PACIFIC BENEFICIAL INSECTS MARKET: RECESSION IMPACT ANALYSIS

### 10.4.2 CHINA

10.4.2.1 Farmers' shift toward pesticide-free farming to promote use of beneficial insects

TABLE 109 CHINA: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022 (USD MILLION)

TABLE 110 CHINA: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 111 CHINA: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2018–2022 (USD MILLION)

TABLE 112 CHINA: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023–2028 (USD MILLION)

### 10.4.3 INDIA

10.4.3.1 Need to promote, conserve, and harness economic potential of beneficial insects to drive market

TABLE 113 INDIA: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022 (USD MILLION)

TABLE 114 INDIA: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 115 INDIA: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2018–2022 (USD MILLION)

TABLE 116 INDIA: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023–2028 (USD MILLION)

### 10.4.4 JAPAN

10.4.4.1 Adoption of sustainable pest management practices to propel market growth  
TABLE 117 JAPAN: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022  
(USD MILLION)

TABLE 118 JAPAN: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028  
(USD MILLION)

TABLE 119 JAPAN: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE,  
2018–2022 (USD MILLION)

TABLE 120 JAPAN: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE,  
2023–2028 (USD MILLION)

#### 10.4.5 AUSTRALIA

10.4.5.1 Synergistic approach to integrating IPM practices to drive growth  
TABLE 121 AUSTRALIA: BENEFICIAL INSECTS MARKET, BY APPLICATION,  
2018–2022 (USD MILLION)

TABLE 122 AUSTRALIA: BENEFICIAL INSECTS MARKET, BY APPLICATION,  
2023–2028 (USD MILLION)

TABLE 123 AUSTRALIA: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE,  
2018–2022 (USD MILLION)

TABLE 124 AUSTRALIA: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE,  
2023–2028 (USD MILLION)

#### 10.4.6 NEW ZEALAND

10.4.6.1 Expansion of agricultural sector to drive beneficial insects market  
TABLE 125 NEW ZEALAND: BENEFICIAL INSECTS MARKET, BY APPLICATION,  
2018–2022 (USD MILLION)

TABLE 126 NEW ZEALAND: BENEFICIAL INSECTS MARKET, BY APPLICATION,  
2023–2028 (USD MILLION)

TABLE 127 NEW ZEALAND: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE,  
2018–2022 (USD MILLION)

TABLE 128 NEW ZEALAND: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE,  
2023–2028 (USD MILLION)

#### 10.4.7 REST OF ASIA PACIFIC

TABLE 129 REST OF ASIA PACIFIC: BENEFICIAL INSECTS MARKET, BY  
APPLICATION, 2018–2022 (USD MILLION)

TABLE 130 REST OF ASIA PACIFIC: BENEFICIAL INSECTS MARKET, BY  
APPLICATION, 2023–2028 (USD MILLION)

TABLE 131 REST OF ASIA PACIFIC: BENEFICIAL INSECTS MARKET, BY  
PRODUCT TYPE, 2018–2022 (USD MILLION)

TABLE 132 REST OF ASIA PACIFIC: BENEFICIAL INSECTS MARKET, BY  
PRODUCT TYPE, 2023–2028 (USD MILLION)

#### 10.5 SOUTH AMERICA

TABLE 133 SOUTH AMERICA: BENEFICIAL INSECTS MARKET, BY COUNTRY, 2018–2022 (USD MILLION)

TABLE 134 SOUTH AMERICA: BENEFICIAL INSECTS MARKET, BY COUNTRY, 2023–2028 (USD MILLION)

TABLE 135 SOUTH AMERICA: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022 (USD MILLION)

TABLE 136 SOUTH AMERICA: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 137 SOUTH AMERICA: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2018–2022 (USD MILLION)

TABLE 138 SOUTH AMERICA: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023–2028 (USD MILLION)

#### 10.5.1 SOUTH AMERICA: RECESSION IMPACT ANALYSIS

FIGURE 41 SOUTH AMERICAN BENEFICIAL INSECTS MARKET: RECESSION IMPACT ANALYSIS

#### 10.5.2 BRAZIL

10.5.2.1 Increasing adoption of biological agents by farmers to boost market growth

TABLE 139 BRAZIL: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022 (USD MILLION)

TABLE 140 BRAZIL: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 141 BRAZIL: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2018–2022 (USD MILLION)

TABLE 142 BRAZIL: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023–2028 (USD MILLION)

#### 10.5.3 ARGENTINA

10.5.3.1 Increased focus on sustainable and beneficial biological control strategies to drive growth

TABLE 143 ARGENTINA: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022 (USD MILLION)

TABLE 144 ARGENTINA: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 145 ARGENTINA: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2018–2022 (USD MILLION)

TABLE 146 ARGENTINA: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023–2028 (USD MILLION)

#### 10.5.4 COLOMBIA

10.5.4.1 Collaboration and promotion by organizations to protect pollinators to propel growth

TABLE 147 COLOMBIA: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022 (USD THOUSAND)

TABLE 148 COLOMBIA: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028 (USD THOUSAND)

TABLE 149 COLOMBIA: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2018–2022 (USD THOUSAND)

TABLE 150 COLOMBIA: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023–2028 (USD THOUSAND)

#### 10.5.5 ECUADOR

10.5.5.1 Decrease in use of pesticides to drive popularity of beneficial insects

TABLE 151 ECUADOR: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022 (USD MILLION)

TABLE 152 ECUADOR: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 153 ECUADOR: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2018–2022 (USD MILLION)

TABLE 154 ECUADOR: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023–2028 (USD MILLION)

#### 10.5.6 CHILE

10.5.6.1 Demand to ban toxic pesticides to boost use of beneficial insects

TABLE 155 CHILE: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022 (USD THOUSAND)

TABLE 156 CHILE: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028 (USD THOUSAND)

TABLE 157 CHILE: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2018–2022 (USD THOUSAND)

TABLE 158 CHILE: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023–2028 (USD THOUSAND)

#### 10.5.7 REST OF SOUTH AMERICA

TABLE 159 REST OF SOUTH AMERICA: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022 (USD MILLION)

TABLE 160 REST OF SOUTH AMERICA: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 161 REST OF SOUTH AMERICA: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2018–2022 (USD MILLION)

TABLE 162 REST OF SOUTH AMERICA: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023–2028 (USD MILLION)

#### 10.6 REST OF THE WORLD

TABLE 163 ROW: BENEFICIAL INSECTS MARKET, BY COUNTRY, 2018–2022 (USD

MILLION)

TABLE 164 ROW: BENEFICIAL INSECTS MARKET, BY COUNTRY, 2023–2028 (USD MILLION)

TABLE 165 ROW: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022 (USD MILLION)

TABLE 166 ROW: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 167 ROW: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2018–2022 (USD MILLION)

TABLE 168 ROW: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023–2028 (USD MILLION)

10.6.1 ROW: RECESSION IMPACT ANALYSIS

FIGURE 42 ROW BENEFICIAL INSECTS MARKET: RECESSION IMPACT ANALYSIS

10.6.2 MIDDLE EAST

10.6.2.1 Government initiatives to increase honeybee population to support market growth

TABLE 169 MIDDLE EAST: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022 (USD THOUSAND)

TABLE 170 MIDDLE EAST: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028 (USD THOUSAND)

TABLE 171 MIDDLE EAST: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2018–2022 (USD THOUSAND)

TABLE 172 MIDDLE EAST: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023–2028 (USD THOUSAND)

10.6.3 AFRICA

10.6.3.1 Growing use of biocontrol agents to support sustainable farming to boost growth

TABLE 173 AFRICA: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2018–2022 (USD MILLION)

TABLE 174 AFRICA: BENEFICIAL INSECTS MARKET, BY APPLICATION, 2023–2028 (USD MILLION)

TABLE 175 AFRICA: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2018–2022 (USD MILLION)

TABLE 176 AFRICA: BENEFICIAL INSECTS MARKET, BY PRODUCT TYPE, 2023–2028 (USD MILLION)

## 11 COMPETITIVE LANDSCAPE

### 11.1 OVERVIEW

*Beneficial Insects Market by Application (Crop protection, Crop production), Type (Predators, Parasitoids, Pat...*

## 11.2 MARKET SHARE ANALYSIS, 2022

TABLE 177 BENEFICIAL INSECTS MARKET: INTENSITY OF COMPETITIVE RIVALRY

## 11.3 STRATEGIES ADOPTED BY KEY PLAYERS

TABLE 178 STRATEGIES ADOPTED BY KEY PLAYERS

## 11.4 COMPANY EVALUATION MATRIX FOR KEY PLAYERS, 2022

11.4.1 STARS

11.4.2 PERVASIVE PLAYERS

11.4.3 EMERGING LEADERS

11.4.4 PARTICIPANTS

FIGURE 43 COMPANY EVALUATION MATRIX FOR KEY PLAYERS, 2022

11.4.5 PRODUCT FOOTPRINT FOR KEY PLAYERS

TABLE 179 PRODUCT FOOTPRINT FOR KEY PLAYERS, BY APPLICATION

TABLE 180 PRODUCT FOOTPRINT FOR KEY PLAYERS, BY PRODUCT TYPE

TABLE 181 PRODUCT FOOTPRINT FOR KEY PLAYERS, BY REGION

TABLE 182 OVERALL COMPANY FOOTPRINT

## 11.5 COMPANY EVALUATION MATRIX FOR STARTUPS/SMES, 2022

11.5.1 PROGRESSIVE COMPANIES

11.5.2 DYNAMIC COMPANIES

11.5.3 STARTING BLOCKS

11.5.4 RESPONSIVE COMPANIES

FIGURE 44 COMPANY EVALUATION MATRIX FOR STARTUPS/SMES, 2022

11.5.5 COMPETITIVE BENCHMARKING FOR STARTUPS/SMES

TABLE 183 LIST OF STARTUPS/SMES

TABLE 184 COMPETITIVE BENCHMARKING FOR STARTUPS/SMES, 2022

## 11.6 COMPETITIVE SCENARIO

11.6.1 DEALS

TABLE 185 DEALS, 2021–2023

11.6.2 OTHERS

TABLE 186 OTHERS, 2021–2023

# 12 COMPANY PROFILES

## 12.1 MAJOR PLAYERS

(Business Overview, Products/Services/Solutions Offered, Recent Developments, and MnM View)\*

12.1.1 APPLIED BIO-NOMICS LTD.

TABLE 187 APPLIED BIO-NOMICS LTD.: BUSINESS OVERVIEW

TABLE 188 APPLIED BIO-NOMICS LTD.: PRODUCTS/SOLUTIONS/SERVICES



**OFFERED****12.1.2 BIOBEST GROUP NV**

TABLE 189 BIOBEST GROUP NV: BUSINESS OVERVIEW

TABLE 190 BIOBEST GROUP NV: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 191 BIOBEST GROUP NV: DEALS

TABLE 192 BIOBEST GROUP NV: OTHERS

**12.1.3 BIOLINE AGROSCIENCES LTD.**

TABLE 193 BIOLINE AGROSCIENCES LTD.: BUSINESS OVERVIEW

TABLE 194 BIOLINE AGROSCIENCES LTD.: PRODUCTS/SOLUTIONS/SERVICES  
OFFERED

TABLE 195 BIOLINE AGROSCIENCES LTD.: DEALS

**12.1.4 FARGRO LTD.**

TABLE 196 FARGRO LTD.: BUSINESS OVERVIEW

TABLE 197 FARGRO LTD.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

**12.1.5 KOPPERT B.V.**

TABLE 198 KOPPERT B.V.: BUSINESS OVERVIEW

TABLE 199 KOPPERT B.V.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 200 KOPPERT B.V.: OTHERS

**12.1.6 ANDERMATT BIOCONTROL AG**

TABLE 201 ANDERMATT BIOCONTROL AG: BUSINESS OVERVIEW

TABLE 202 ANDERMATT BIOCONTROL AG: PRODUCTS/SOLUTIONS/SERVICES  
OFFERED

TABLE 203 ANDERMATT BIOCONTROL AG: OTHERS

**12.1.7 ARBICO ORGANICS**

TABLE 204 ARBICO ORGANICS: BUSINESS OVERVIEW

TABLE 205 ARBICO ORGANICS: PRODUCTS/SOLUTIONS/SERVICES OFFERED

**12.1.8 BIOBEE BIOLOGICAL SYSTEMS LTD.**

TABLE 206 BIOBEE BIOLOGICALS SYSTEMS LTD.: BUSINESS OVERVIEW

TABLE 207 BIOBEE BIOLOGICALS SYSTEMS LTD.:  
PRODUCTS/SOLUTIONS/SERVICES OFFERED**12.1.9 BIONEMA LTD.**

TABLE 208 BIONEMA LTD.: BUSINESS OVERVIEW

TABLE 209 BIONEMA LTD.: PRODUCTS/SOLUTIONS/SERVICES OFFERED

TABLE 210 BIONEMA LTD.: OTHERS

**12.1.10 TIP TOP BIO-CONTROL**

TABLE 211 TIP TOP BIO-CONTROL: BUSINESS OVERVIEW

TABLE 212 TIP TOP BIO-CONTROL: PRODUCTS/SOLUTIONS/SERVICES  
OFFERED**12.1.11 EVERGREEN GROWERS SUPPLY, LLC**



TABLE 213 EVERGREEN GROWERS SUPPLY, LLC: BUSINESS OVERVIEW

TABLE 214 EVERGREEN GROWERS SUPPLY, LLC:

PRODUCTS/SOLUTIONS/SERVICES OFFERED

12.1.12 ANATIS BIOPROTECTION

TABLE 215 ANATIS BIOPROTECTION: BUSINESS OVERVIEW

TABLE 216 ANATIS BIOPROTECTION: PRODUCTS/SOLUTIONS/SERVICES  
OFFERED

12.1.13 GROWLIV BIOLOGICALS

TABLE 217 GROWLIV BIOLOGICALS: BUSINESS OVERVIEW

TABLE 218 GROWLIV BIOLOGICALS: PRODUCTS/SOLUTIONS/SERVICES  
OFFERED

12.1.14 PLANET NATURAL

TABLE 219 PLANET NATURAL: BUSINESS OVERVIEW

TABLE 220 PLANET NATURAL: PRODUCTS/SOLUTIONS/SERVICES OFFERED

12.1.15 NATURAL INSECT CONTROL

TABLE 221 NATURAL INSECT CONTROL: BUSINESS OVERVIEW

TABLE 222 NATURAL INSECT CONTROL: PRODUCTS/SOLUTIONS/SERVICES  
OFFERED

12.2 STARTUPS/SMES

12.2.1 KUNAFIN

TABLE 223 KUNAFIN: BUSINESS OVERVIEW

TABLE 224 KUNAFIN: PRODUCTS/SOLUTIONS/SERVICES OFFERED

12.2.2 IPM LABORATORIES, INC.

TABLE 225 IPM LABORATORIES, INC.: BUSINESS OVERVIEW

TABLE 226 IPM LABORATORIES, INC.: PRODUCTS/SOLUTIONS/SERVICES  
OFFERED

12.2.3 NATURE'S CONTROL

TABLE 227 NATURE'S CONTROL: BUSINESS OVERVIEW

TABLE 228 NATURE'S CONTROL: PRODUCTS/SOLUTIONS/SERVICES OFFERED

12.2.4 ASSOCIATES INSECTARY

TABLE 229 ASSOCIATES INSECTARY: BUSINESS OVERVIEW

TABLE 230 ASSOCIATES INSECTARY: PRODUCTS/SOLUTIONS/SERVICES  
OFFERED

12.2.5 BUGS FOR BUGS

TABLE 231 BUGS FOR BUGS: BUSINESS OVERVIEW

TABLE 232 BUGS FOR BUGS: PRODUCTS/SOLUTIONS/SERVICES OFFERED

12.2.6 RINCON-VITOA INSECTARIES

12.2.7 HARMONY FARM SUPPLY & NURSERY

12.2.8 FAR INC.

12.2.9 ORGANIC CONTROL, INC.

12.2.10 ECO BUGS INDIA PRIVATE LIMITED

\* Business Overview, Products/Services/Solutions Offered, Recent Developments, and MnM View might not be captured in case of unlisted companies.

## **13 ADJACENT & RELATED MARKETS**

13.1 INTRODUCTION

13.2 BIOSTIMULANTS MARKET

13.2.1 LIMITATIONS

13.2.2 MARKET DEFINITION

13.2.3 MARKET OVERVIEW

13.2.4 BIOSTIMULANTS MARKET, BY ACTIVE INGREDIENT

TABLE 233 BIOSTIMULANTS MARKET, BY ACTIVE INGREDIENT, 2016–2020 (USD MILLION)

TABLE 234 BIOSTIMULANTS MARKET, BY ACTIVE INGREDIENT, 2021–2026 (USD MILLION)

13.3 BIOFERTILIZERS MARKET

13.3.1 MARKET DEFINITION

13.3.2 MARKET OVERVIEW

13.3.3 BIOFERTILIZERS MARKET, BY TYPE

TABLE 235 BIOFERTILIZERS MARKET, BY TYPE, 2016–2020 (USD MILLION)

TABLE 236 BIOFERTILIZERS MARKET, BY TYPE, 2021–2026 (USD MILLION)

## **14 APPENDIX**

14.1 DISCUSSION GUIDE

14.2 KNOWLEDGESTORE: MARKETSANDMARKETS' SUBSCRIPTION PORTAL

14.3 CUSTOMIZATION OPTIONS

14.4 RELATED REPORTS

14.5 AUTHOR DETAILS

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