Bionematicides Market by Type (Microbials & Biochemicals), Crop Type (Cereals & Grains, Oilseeds & Pulses, and Fruits & Vegetables), Form (Liquid and Dry), Mode of Application, Infestation, & by Region - Global Forecast to 2021

Description: The bionematicides market is projected to reach USD 337.2 million by 2021 at a CAGR of 17.4% from 2016 to 2021. The market is driven by the high infestation of nematodes on agricultural crops, increasing growth in the biocontrol seed treatment solutions, and increasing adoption of agricultural biologicals. Moreover, use of integrated pest management techniques and phasing out chemical fumigant nematicides owing to the environmental hazards.

Seed treatment is the mode of application of microorganisms and chemicals to seeds to suppress, control, or repel plant pathogens, insects, or other pests that attack seeds, seedlings, or plants.

Farmers' adoption towards organic methods of farming which have a lower environmental impact is one of the reasons driving the demand for seed treatment. Moreover, there is demand for organic products in major regions such as North America, Europe, and Asia-Pacific which has led to the rising demand for organic crop yield resulting in increased utilization of seed treatment as an mode of application.

Europe is the expected to lead the bionematicides market during the forecast period. Factors, such as integrated pest management techniques, and increased adoption of agriculture microbials are driving the demand for bionematicides in this region. moreover, countries, such as Spain and France have agriculture as their major sector which impacts the GDP of the country is another factor that drives the market for bionematicides in Europe.

The breakdown of the primaries on the basis of company, designation, and region, conducted during the research study, is mentioned as below.

- By Company Type: Tier 1 - 45%, Tier 2 - 35%, and Tier 3 - 20%
- By Designation: Director Level - 30%, C Level - 45%, and Others - 25%
- By Region: North America - 20%, Europe - 35%, Asia-Pacific - 40%, RoW -5%

Syngenta AG (Switzerland), Bayer CropScience AG (Germany), Marrone Bio Innovations, Inc. (U.S.), T. Stanes & Company Limited (India), and Valent BioSciences Corporation (U.S.) collectively accounted for the largest portion of the bionematicides market in 2015. Other players such as Certis USA L.L.C. (U.S.), Agri Life (India), Bio Huma Netics, Inc. (U.S.), The Real IPM Company Ltd. (Kenya), and Horizon Agrotech (India) also have a strong presence in this market.

Reasons to buy this report:

- To get a comprehensive overview of the global bionematicides market
- To gain wide-ranging information about the top players in this industry, their product portfolios, and key strategies adopted by them
- To gain insights of the major countries/regions in which the bionematicides market is flourishing

Contents: 1 Introduction
   1.1 Objectives of the Study
   1.2 Market Definition
   1.3 Market Scope
      1.3.1 Markets Covered
1.3.2 Years Considered for the Study
1.4 Currency
1.5 Units
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 Key Data From Primary Sources
    2.1.2.2 Key Industry Insights
    2.1.2.3 Breakdown of Primary Interviews
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 Bionematicides Market
  4.2 Fruits & Vegetables: Leading Segment By Crop
  4.3 Life Cycle Analysis: Bionematicides Market, By Region
  4.4 Bionematicides Market, By Type
  4.5 Developed vs Emerging Bionematicides S Markets, vs
  4.6 Bionematicides Market Size, By Type & Region, 15
  4.7 North America: the Largest Market for Bionematicides Market
  4.8 Root Knot Dominating Segment in Bionematicides Market, By Infestation
  4.9 Bionematicides Market, By Form

5 Market Overview
  5.1 Introduction
  5.2 Market Segmentation
  5.3 Market Dynamics
    5.3.1 Drivers
      5.3.1.1 High Level of Crop Infestation By Nematodes
      5.3.1.2 Rapid Growth in Bio-Control Seed Treatment Solutions
      5.3.1.3 Phasing Out Chemical Fumigant Nematicides Due to Environmental Concerns
      5.3.1.4 Sustainability Initiatives and Increased Adoption of Agricultural Biologicals
      5.3.1.5 Integrated Pest Management Techniques
    5.3.2 Restraints
      5.3.2.1 Slow Speed of Action on Target Pests and Low Shelf Life
      5.3.2.2 Barriers in Adoption of Bionematicides
    5.3.3 Opportunities
      5.3.3.1 Stringent Environmental Regulations Against Chemical/Traditional Nematicides
      5.3.3.2 Constant R&D Activities, Product Launches & Developments
      5.3.3.3 Use of Plant Based Nematicides in Organic Agriculture and Horticulture
    5.3.4 Challenges
      5.3.4.1 Requires New Skill and Understanding Nematode Infestation
  5.4 Macro Indicators
    5.4.1 Global Focus on Improving Quality of Agricultural Output Due to Increasing Population
    5.4.2 Rapid Urbanization Leading to A Reduction in Per Capita Arable Land

6 Industry Trends
  6.1 Introduction
  6.2 Supply Chain Analysis
    6.2.1 Prominent Companies
    6.2.2 Small & Medium Enterprises
    6.2.3 End Users
6.2.4 Key Influencers
6.3 Value Chain Analysis
6.4 Porter's Five Forces Analysis
   6.4.1 Intensity of Competitive Rivalry
   6.4.2 Bargaining Power of Suppliers
   6.4.3 Bargaining Power of Buyers
   6.4.4 Threat of New Entrants
   6.4.5 Threat of Substitutes

7 Bionematicides Market, By Type
   7.1 Introduction
   7.2 Microbial
      7.2.1 Paecilomyces Lilacinus
      7.2.2 Bacillus Firmus
      7.2.3 Others
   7.3 Biochemical
      7.3.1 Semiochemicals
      7.3.2 Plant Extracts

8 Bionematicides Market, By Infestation
   8.1 Introduction
   8.2 Root Knot
   8.3 Cyst Nematodes
   8.4 Lesion Nematodes
   8.5 Others

9 Bionematicides Market, By Crop Type
   9.1 Introduction
   9.2 Cereals & Grains
      9.2.1 Wheat
      9.2.2 Barley
      9.2.3 Others
   9.3 Oilseeds & Pulses
      9.3.1 Rape Seed
      9.3.2 Chickpeas
      9.3.3 Others
   9.4 Fruits & Vegetables
      9.4.1 Banana
      9.4.2 Potato
      9.4.3 Others
   9.5 Rest of Crops
      9.5.1 Sugar Beet
      9.5.2 Cotton
      9.5.3 Rest of Crops

10 Bionematicides Market, By Mode of Application
   10.1 Introduction
   10.2 Seed Treatment
   10.3 Soil Treatment
   10.4 Foilar Sprays
   10.5 Others

11 Bionematicides Market, By Form
   11.1 Introduction
   11.2 Liquid
   11.3 Dry

12 Bionematicides Market, By Region
   12.1 Introduction
   12.2 North America
      12.2.1 U.S.
      12.2.2 Canada
      12.2.3 Mexico
12.3 Europe
   12.3.1 Germany
   12.3.2 Spain
   12.3.3 France
   12.3.4 Italy
   12.3.5 U.K.
   12.3.6 Rest of Europe
12.4 Asia-Pacific
   12.4.1 China
   12.4.2 India
   12.4.3 Japan
   12.4.4 Australia
   12.4.5 Rest of Asia-Pacific
12.5 Rest of the World (RoW)
   12.5.1 Brazil
   12.5.2 Argentina
   12.5.3 South Africa
   12.5.4 Others

13 Competitive Landscape
13.1 Overview
13.2 Competitive Situation & Trends
   13.2.1 Expansions
   13.2.2 New Product Launches/Developments
   13.2.3 Acquisitions
   13.2.4 Expansions
   13.2.5 Investment & Partnership

14 Company Profiles
14.1 Syngenta AG
   14.1.1 Business Overview
   14.1.2 Products Offered
   14.1.3 Recent Developments
   14.1.4 SWOT Analysis
   14.1.5 MnM View
14.2 Bayer Cropscience AG
   14.2.1 Business Overview
   14.2.2 Products Offered
   14.2.3 Recent Developments
   14.2.4 SWOT Analysis
   14.2.5 MnM View
14.3 Marrone Bio Innovations Inc.
   14.3.1 Business Overview
   14.3.2 Products Offered
   14.3.3 Recent Developments
   14.3.4 SWOT Analysis
   14.3.5 MnM View
14.4 T. Stanes & Company Limited
   14.4.1 Business Overview
   14.4.2 Products Offered
   14.4.3 Recent Developments
   14.4.4 SWOT Analysis
   14.4.5 MnM View
14.5 Valent Biosciences Corporation
   14.5.1 Business Overview
   14.5.2 Products Offered
   14.5.3 Recent Developments
   14.5.4 SWOT Analysis
   14.5.5 MnM View
14.6 Certis Usa L.L.C.
   14.6.1 Business Overview
   14.6.2 Products Offered
   14.6.3 Recent Developments
14.6.4 SWOT Analysis
14.6.5 MnM View

14.7 Agri Life
14.7.1 Business Overview
14.7.2 Products Offered
14.7.3 SWOT Analysis
14.7.4 MnM View

14.8 Bio Huma Netics, Inc.
14.8.1 Business Overview
14.8.2 Products Offered
14.8.3 SWOT Analysis
14.8.4 MnM View

14.9 The Real IPM Company Ltd.
14.9.1 Business Overview
14.9.2 Products Offered
14.9.3 SWOT Analysis
14.9.4 MnM View

14.10 Horizon Agrotech
14.10.1 Business Overview
14.10.2 Products Offered
14.10.3 SWOT Analysis
14.10.4 MnM View

15 Appendix
15.1 Insights of Industry Experts
15.2 Discussion Guide

List of Tables
Table 1 Global Population & Per Capita Land Available
Table 2 Impact of Key Drivers on the Bionematicides Market
Table 3 Impact of Key Restraints on the Bionematicides Market
Table 4 Opportunities for Bionematicides Market
Table 5 Challenges to the Bionematicides Market
Table 6 Bionematicides Market, By Type, 2014-2021 (USD Million)
Table 7 Market, By Type, 2014-2021 (Kilo Tons)
Table 8 Bionematicides Market, By Microbial Type,2014-2021 (USD Million)
Table 9 Market, By Microbial Type,2014-2021 (Kilo Tons)
Table 10 Bionematicides Market, By Biochemical Type,2014-2021 (USD Million)
Table 11 Market, By Biochemical Type,2014-2021 (Kilo Tons)
Table 12 Market for Bionematicides, By Infestation,2014-2021 (USD Million)
Table 13 Market for Bionematicides, By Crop Type, 2014-2021 (USD Million)
Table 14 Market for Bionematicides, By Cereals & Grains, 2014-2021 (USD Million)
Table 15 Market for Bionematicides, By Oilseeds & Pulses, 2014-2021 (USD Million)
Table 16 Market for Bionematicides, By Fruits & Vegetables, 2014-2021 (USD Million)
Table 17 Market for Bionematicides, By Application, 2014-2021 (USD Million)
Table 18 Market for Bionematicides, By Form, 2014-2021 (USD Million)
Table 19 Bionematicides Market, By Region, 2014-2021 (USD Million)
Table 20 Market, By Region, 2014-2021 (Kilo Tons)
Table 21 North America: Bionematicides Market, By Country, 2014-2021 (USD Million)
Table 22 North America: Market, By Country, 2014-2021 (Kilo Tons)
Table 23 North America: Market,By Type, 2014-2021 (USD Million)
Table 24 North America: Market,By Type, 2014-2021 (Kilo Tons)
Table 25 U.S.: Bionematicides Market,By Type, 2014-2021 (USD Million)
Table 26 U.S.: Market,By Type, 2014-2021 (Kilo Tons)
Table 27 Canada: Bionematicides Market,By Type, 2014-2021 (USD Million)
Table 28 Canada: Market,By Type, 2014-2021 (Kilo Tons)
Table 29 Mexico: Bionematicides Market,By Type, 2014-2021 (USD Million)
Table 30 Mexico: Market,By Type, 2014-2021 (Kilo Tons)
Table 31 Europe: Bionematicides Market,By Country, 2014-2021 (USD Million)
Table 32 Europe: Market,By Country, 2014-2021 (Kilo Tons)
Table 33 Europe: Bionematicides Market,By Type, 2014-2021 (USD Million)
Table 34 Europe: Market,By Type, 2014-2021 (Kilo Tons)
Table 35 Germany: Bionematicides Market, By Type, 2014-2021 (USD Million)
Table 36 Germany: Market, By Type, 2014-2021 (Kilo Tons)
Table 37 Spain: Bionematicides Market, By Type, 2014-2021 (USD Million)
Table 38 Spain: Market, By Type, 2014-2021 (Kilo Tons)
Table 39 France: Bionematicides Market, By Type, 2014-2021 (USD Million)
Table 40 France: Market, By Type, 2014-2021 (Kilo Tons)
Table 41 Italy: Bionematicides Market, By Type, 2014-2021 (USD Million)
Table 42 Italy: Market, By Type, 2014-2021 (Kilo Tons)
Table 43 U.K.: Bionematicides Market, By Type, 2014-2021 (USD Million)
Table 44 U.K.: Market, By Type, 2014-2021 (Kilo Tons)
Table 45 Rest of Europe: Bionematicides Market, By Type, 2014-2021 (USD Millions)
Table 46 Rest of Europe: Market, By Type, 2014-2021 (Kilo Tons)
Table 47 Asia-Pacific: Bionematicides Market, By Country, 2014-2021 (USD Million)
Table 48 Asia-Pacific: Market, By Country, 2014-2021 (Kilo Tons)
Table 49 Asia-Pacific: Bionematicides Market, By Type, 2014-2021 (USD Million)
Table 50 Asia-Pacific: Market, By Type, 2014-2021 (Kilo Tons)
Table 51 China: Bionematicides Market, By Type, 2014-2021 (USD Million)
Table 52 China: Market, By Type, 2014-2021 (Kilo Tons)
Table 53 India: Bionematicides Market, By Type, 2014-2021 (USD Million)
Table 54 India: Market, By Type, 2014-2021 (Kilo Tons)
Table 55 Japan: Bionematicides Market, By Type, 2014-2021 (USD Million)
Table 56 Japan: Market, By Type, 2014-2021 (Kilo Tons)
Table 57 Australia: Bionematicides Market, By Type, 2014-2021 (USD Million)
Table 58 Australia: Market, By Type, 2014-2021 (Kilo Tons)
Table 59 Rest of Asia-Pacific: Bionematicides Market, By Type, 2014-2021 (USD Million)
Table 60 Rest of Asia-Pacific: Market, By Type, 2014-2021 (Kilo Tons)
Table 61 RoW: Bionematicides Market, By Country, 2014-2021 (USD Million)
Table 62 RoW: Market, By Country, 2014-2021 (Kilo Tons)
Table 63 RoW: Bionematicides Market, By Type, 2014-2021 (USD Million)
Table 64 RoW: Market, By Type, 2014-2021 (Kilo Tons)
Table 65 Brazil: Bionematicides Market, By Type, 2014-2021 (USD Million)
Table 66 Brazil: Market, By Type, 2014-2021 (Kilo Tons)
Table 67 Argentina: Bionematicides Market, By Type, 2014-2021 (USD Million)
Table 68 Argentina: Market, By Type, 2014-2021 (Kilo Tons)
Table 69 South Africa: Bionematicides Market, By Type, 2014-2021 (USD Million)
Table 70 South Africa: Market, By Type, 2014-2021 (Kilo Tons)
Table 71 Others: Bionematicides Market, By Type, 2014-2021 (USD Million)
Table 72 Others: Market, By Type, 2014-2021 (Kilo Tons)
Table 73 New Products launched
Table 74 Acquisitions,
Table 75 Expansions,
Table 76 Investments & Partnership,

List of Figures

Figure 1 Bionematicides Market Segmentation
Figure 2 Research Design: Bionematicides Market
Figure 3 Market Size Estimation Methodology: Bottom-Up Approach
Figure 4 Market Size Estimation Methodology: Top-Down Approach
Figure 5 Data Triangulation
Figure 6 Bionematicides Market Snapshot, By Type, vs (USD Million)
Figure 7 Bionematicides Market Snapshot, By Infestation, vs (USD Million)
Figure 8 Bionematicides Market Snapshot, By Crop Type, vs (USD Million)
Figure 9 Bionematicides Market Snapshot, By Application, vs (USD Million)
Figure 10 Bionematicides Market Snapshot, By Form, vs (USD Million)
Figure 11 Bionematicides Market Snapshot, By Region, vs (USD Million)
Figure 12 Trend in B Bionematicides Market, - (USD Million)
Figure 13 Fruits & Vegetables Projected to Be the Largest Segment
Figure 14 U.S.: Largest Market for the Next Five Years
Figure 15 Microbials Segment Accounted for Largest Share in the North American Bionematicides Market, 15
Figure 16 Liquid Segment Dominated Bionematicides Market By Form, 15
Figure 17 Root Knot Segment Accounted for Largest Share in the Bionematicides Market, 15
Figure 18 Soil Treatmeny Dominated Bionematicides Market Byappliation, 15
Figure 19 Europe Fastest Growing Region in Bionematicides Market During the Forecast Period
Figure 20 Evolution of Bionematicides
Figure 21 Global Area Under Strawberry Harvest, By Region, 13 (Share)
Figure 22 Market for Bionematicides, By Type
Figure 23 Market for Bionematicides, By Infestation
Figure 24 Market for Bionematicides, By Crop Type
Figure 25 Market for Bionematicides, By Application
Figure 26 Market for Bionematicides, By Form
Figure 27 Market for Bionematicides, By Region
Figure 28 Registration & Formulation and Manufacturing Contribute the Most to Overall Value of Bionematicides
Figure 29 Distribution Channel Plays A Vital Role in the Supply Chain for Bioinematicides
Figure 30 Porter's Five Forces Analysis: Bionematicides
Figure 31 Bionematicides Market, By Type, 15 vs (USD Million)
Figure 32 Bionematicides Market in Microbials, 15 vs (USD Million)
Figure 33 Bionematicides Market in Biochemicals
Figure 34 Bionematicides Market, By Infestation, 15 vs (USD Million)
Figure 35 Bionematicides Market, By Crop Type, 15 vs (USD Million)
Figure 36 Bionematicides Market in Cereals & Grains, 15 vs (USD Million)
Figure 37 Bionematicides Market in Oilseeds & Pulses
Figure 38 Bionematicides Market in Fruits & Vegetables, 15 vs (USD Million)
Figure 39 Bionematicides Market, By Application, 15 vs (USD Million)
Figure 40 Bionematicides Market, By Form, 15 vs (USD Million)
Figure 41 Geographic Snapshot (15-): Rapidly Growing Markets are Emerging as New Hot Spots
Figure 42 North American Bionematicides Market: A Snapshot
Figure 43 European Bionematicides Market: A Snapshot
Figure 44 Agreements: Most Preferred Approach of Key Companies
Figure 45 Expanding Revenue Base Through Business Agreements 2014-202115
Figure 46 Agreements: the Key Strategy, 10-15
Figure 47 Geographical Revenue Mix of Top Five Market Players
Figure 48 Syngenta AG: Company Snapshot
Figure 49 Syngenta AG: SWOT Analysis
Figure 50 Bayer Cropscience AG: Company Snapshot
Figure 51 Bayer Cropscience AG: SWOT Analysis
Figure 52 Marrone Bio Innovations Inc.: Company Snapshot
Figure 53 Marrone Bio Innovations Inc.: SWOT Analysis
Figure 54 T. Stanes & Company Limited: Company Snapshot
Figure 55 T. Stanes & Company Limited: SWOT Analysis

Ordering:
- Order by Fax - using the form below
- Order by Post - print the order form below and send to
  Research and Markets,
  Guinness Centre,
  Taylors Lane,
  Dublin 8,
  Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit
http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Bionematicides Market by Type (Microbials & Biochemicals), Crop Type (Cereals & Grains, Oilseeds & Pulses, and Fruits & Vegetables), Form (Liquid and Dry), Mode of Application, Infestation, & by Region - Global Forecast to 2021
Web Address: http://www.researchandmarkets.com/reports/3776323/
Office Code: SCBRTYT9

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF)</td>
<td>USD 5650</td>
</tr>
<tr>
<td>Single User:</td>
<td></td>
</tr>
<tr>
<td>Electronic (PDF)</td>
<td>USD 6650</td>
</tr>
<tr>
<td>1 - 5 Users:</td>
<td></td>
</tr>
<tr>
<td>Electronic (PDF)</td>
<td>USD 8150</td>
</tr>
<tr>
<td>Site License:</td>
<td></td>
</tr>
<tr>
<td>Electronic (PDF)</td>
<td>USD 10000</td>
</tr>
<tr>
<td>Enterprisewide:</td>
<td></td>
</tr>
</tbody>
</table>

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: Mr ☐ Mrs ☐ Dr ☐ Miss ☐ Ms ☐ Prof ☐
First Name: __________________________________________ Last Name: _______________________________________
Email Address: * _______________________________________
Job Title: ___________________________________________
Organisation: _______________________________________
Address: ___________________________________________
City: _______________________________________________
Postal / Zip Code: ___________________________________
Country: ___________________________________________
Phone Number: ______________________________________
Fax Number: ________________________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information
Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:
Marketing Code: _______________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World