

# Seed Treatment Market by Function (Crop Protection Chemicals and Seed Enhancement), Type (Chemical and Non-Chemical), Crop Type (Cereals & grains, and Oilseeds), Application Technique, & by Region - Global Forecast to 2021

<https://marketpublishers.com/r/G0AA9F7FEABEN.html>

Date: August 2016

Pages: 195

Price: US\$ 5,650.00 (Single User License)

ID: G0AA9F7FEABEN

## Abstracts

“Seed treatment market projected to grow at a CAGR of 10.8%”

The seed treatment market is projected to reach USD 9.82 billion by 2021 at a CAGR of 10.8% from 2016 to 2021. The market is driven by factors such as affordable crop protection solutions, rising world population and resultant food requirement, nutrition deficiencies created by crop rotation practices which have led to the demand for seed treatment, and increasing process of GM crops.

“Seed coating technique led the seed treatment market with the largest share in 2015”

In regard with the market, the seed coating industry is projected to grow in the next coming years. Companies, such as Bayer CropScience AG (Germany) and INCOTEC Group BV (Netherlands) are investing in R&D activities in order to introduce new and innovative seed technologies that will overcome the difficulty of germination, sowability, flowability and dust control. There is a demand for multifunctional seed technologies which is one of the driving factors behind the growth of the seed coating industry. Moreover, the companies involved in this industry are focusing on global expansion and establishing new plants to increase their production capacity, and increasing their product lines as well.

“North America to lead the market in terms of growth rate between 2016 and 2021”

The North American region is projected to have the largest market in the seed treatment industry in the next five years; owing to the substantial benefits of seed treatments, there is a huge demand for seed treatment products in this region. Ready provision of substantial extra subsidies by the U.S. government, as well as the presence of key players such as Monsanto Company (U.S.), DuPont (U.S.), Syngenta AG (Switzerland), and The Dow Chemical Company (U.S.) has led to the growth of the seed treatment market in this region. The market is also projected to grow at the highest CAGR during the forecast period.

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 – 40%, Tier 2 – 37%, and Tier 3 – 23%

By Designation: Director level – 28%, C Level – 43%, and Others – 29%

By Region: North America – 33%, Europe – 26%, Asia-Pacific – 30%, Latin America- 11%

BASF SE (Germany), Syngenta AG (Switzerland), Monsanto Company (U.S.), Bayer CropScience AG (Germany) and Platform Specialty Products Corporation (U.S.) collectively accounted for the largest portion of the seed treatment market in 2015. Other players such as Nufarm Limited (Australia), Sumitomo Chemical Company Limited (Japan), E.I. Du Pont De Nemours and Company (U.S.), The Dow Chemical Company (U.S.), and Incotec Group BV (Netherlands) also have a strong presence in this market.

Reasons to buy this report:

To get a comprehensive overview of the global seed treatment market

To gain a wide-range of 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 seed treatment market is flourishing

## Contents

### 1 INTRODUCTION

- 1.1 OBJECTIVES OF THE STUDY
- 1.2 MARKET DEFINITION
- 1.3 STUDY SCOPE
  - 1.3.1 MARKETS COVERED
  - 1.3.2 YEARS CONSIDERED FOR THE STUDY
- 1.4 CURRENCY CONSIDERED
- 1.5 LIMITATIONS
- 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 primaries
- 2.2 FACTOR ANALYSIS
  - 2.2.1 INTRODUCTION
  - 2.2.2 DEMAND-SIDE ANALYSIS
    - 2.2.2.1 Increased food demand by continuously growing population
    - 2.2.2.2 Developing economies
    - 2.2.2.3 Increasing middle-class population, 2009–2030
    - 2.2.2.4 Increased arable area
  - 2.2.3 SUPPLY-SIDE ANALYSIS
    - 2.2.3.1 Growing environmental concerns
    - 2.2.3.2 Global rise in export of pesticides
- 2.3 MARKET SIZE ESTIMATION
  - 2.3.1 BOTTOM-UP APPROACH
  - 2.3.2 TOP-DOWN APPROACH
- 2.4 MARKET BREAKDOWN & DATA TRIANGULATION
- 2.5 RESEARCH ASSUMPTIONS & LIMITATIONS
  - 2.5.1 ASSUMPTIONS
  - 2.5.2 LIMITATIONS

### **3 EXECUTIVE SUMMARY**

### **4 PREMIUM INSIGHTS**

- 4.1 ATTRACTIVE OPPORTUNITIES IN SEED TREATMENT MARKET
- 4.2 SEED TREATMENT MARKET, BY FUNCTION
- 4.3 SEED TREATMENT MARKET IN ASIA-PACIFIC REGION
- 4.4 SEED TREATMENT MARKET: MAJOR COUNTRIES
- 4.5 SEED TREATMENT MARKET, BY CROP TYPE & REGION
- 4.6 SEED TREATMENT MARKET, BY CROP TYPE
- 4.7 SEED TREATMENT MARKET LIFE CYCLE ANALYSIS, BY REGION

### **5 MARKET OVERVIEW**

#### 5.1 INTRODUCTION

#### 5.2 MARKET EVOLUTION

#### 5.3 MARKET SEGMENTATION

##### 5.3.1 BY TYPE

##### 5.3.2 BY FUNCTION

##### 5.3.3 BY CROP TYPE

##### 5.3.4 BY APPLICATION TECHNIQUE

##### 5.3.5 BY REGION

#### 5.4 MARKET DYNAMICS

##### 5.4.1 DRIVERS

5.4.1.1 Seed treatment as a low-cost crop protection solution

5.4.1.2 Rising prices of GM crops creating a need for crop protection

5.4.1.3 Rising world population and food requirement

5.4.1.4 Reduced risk of exceeding minimum residue level

5.4.1.5 Acreage and advanced technologies warrant the need for treated seeds

5.4.1.6 Soil nutrition deficiencies created by shortened crop rotation practices create

need for seed treatment

##### 5.4.2 RESTRAINTS

5.4.2.1 Discouraging government regulations

5.4.2.2 Low permitted shelf-life and difficulty in the disposal of treated seeds

##### 5.4.3 OPPORTUNITIES

5.4.3.1 Rapid growth in bio-control seed treatment solutions

5.4.3.2 Strong progress in new & emerging markets—Latin America & Asia-Pacific

##### 5.4.4 CHALLENGES

- 5.4.4.1 Issues impacting international seed movement
- 5.4.4.2 Absence of a cohesive regulatory body for seed treatment approvals

## **6 INDUSTRY TRENDS**

### 6.1 INTRODUCTION

### 6.2 VALUE CHAIN ANALYSIS

### 6.3 SUPPLY CHAIN ANALYSIS

### 6.4 KEY INFLUENCERS

### 6.5 KEY TRENDS

### 6.6 PORTER'S FIVE FORCES ANALYSIS

#### 6.6.1 THREAT OF NEW ENTRANTS

#### 6.6.2 THREAT OF SUBSTITUTES

#### 6.6.3 BARGAINING POWER OF SUPPLIERS

#### 6.6.4 BARGAINING POWER OF BUYERS

#### 6.6.5 INTENSITY OF COMPETITIVE RIVALRY

### 6.7 STRATEGIC BENCHMARKING

#### 6.7.1 GROWTH STRATEGIES CONCENTRATED IN LATIN AMERICA

#### 6.7.2 OPPORTUNITIES THROUGH AGREEMENTS WITH CHANNEL PARTNERS

## **7 PATENT ANALYSIS**

## **8 SEED TREATMENT MARKET, BY FUNCTION**

### 8.1 INTRODUCTION

### 8.2 CROP PROTECTION

#### 8.2.1 INSECTICIDES

##### 8.2.1.1 Carbamates and organophosphates

##### 8.2.1.2 Pyrethroids

##### 8.2.1.3 Other seed treatment insecticides

#### 8.2.2 FUNGICIDES

#### 8.2.3 OTHERS

##### 8.2.3.1 Nematicides

##### 8.2.3.2 Harpin

##### 8.2.3.3 Biopesticides

### 8.3 SEED ENHANCEMENT

#### 8.3.1 INOCULANTS

##### 8.3.1.1 Rhizobium inoculants

##### 8.3.1.2 Azospirillum inoculants

- 8.3.1.3 Other inoculants
  - 8.3.1.3.1 Azotobacter
  - 8.3.1.3.2 Acetobacter
- 8.3.1.4 Advantages of inoculation
- 8.3.1.5 Regulations for commercial inoculants
- 8.3.2 PHYSICAL METHODS FOR SEED TREATMENT
- 8.3.3 KEY FACTORS OF PHYSICAL SEED TREATMENT
  - 8.3.3.1 Uniform coverage
  - 8.3.3.2 Application volumes & rates
- 8.3.4 CONTINUOUS SYSTEM
- 8.3.5 BATCH SYSTEM
- 8.3.6 DUST/POWDER TREATER
- 8.3.7 SLURRY TREATER
- 8.3.8 ON-FARM/DIRECT TREATER

## **9 SEED TREATMENT MARKET, BY TYPE**

- 9.1 INTRODUCTION
- 9.2 CHEMICAL SEED TREATMENT
- 9.3 NON-CHEMICAL SEED TREATMENT
  - 9.3.1 PHYSICAL SEED TREATMENT
  - 9.3.2 BIOLOGICAL SEED TREATMENT

## **10 SEED TREATMENT MARKET, BY CROP TYPE**

- 10.1 INTRODUCTION
- 10.2 CEREALS & GRAINS
  - 10.2.1 CORN
  - 10.2.2 WHEAT
  - 10.2.3 RICE
- 10.3 OILSEEDS
  - 10.3.1 SOYBEAN
  - 10.3.2 COTTON
  - 10.3.3 CANOLA
  - 10.3.4 SUNFLOWER
- 10.4 OTHER CROP TYPES
  - 10.4.1 TURF/FORAGE GRASSES & ALFALFA
  - 10.4.2 SUGAR BEETS

## **11 SEED TREATMENT MARKET, BY APPLICATION TECHNIQUE**

- 11.1 INTRODUCTION
- 11.2 SEED COATING
- 11.3 SEED DRESSING
- 11.4 SEED PELLETING

## **12 GLOBAL SEED TREATMENT MARKET, BY REGION**

- 12.1 INTRODUCTION
- 12.2 GLOBAL REGULATORY ENVIRONMENT
  - 12.2.1 NORTH AMERICA
  - 12.2.2 EUROPE
  - 12.2.3 ASIA-PACIFIC
  - 12.2.4 LATIN AMERICA
- 12.3 PEST ANALYSIS
  - 12.3.1 POLITICAL FACTORS
  - 12.3.2 ECONOMIC FACTORS
  - 12.3.3 SOCIAL FACTORS
  - 12.3.4 TECHNOLOGICAL FACTORS
- 12.4 NORTH AMERICA
  - 12.4.1 U.S.
  - 12.4.2 CANADA
  - 12.4.3 MEXICO
- 12.5 EUROPE
  - 12.5.1 FRANCE
  - 12.5.2 GERMANY
  - 12.5.3 RUSSIA
  - 12.5.4 REST OF EUROPE
- 12.6 ASIA-PACIFIC
  - 12.6.1 CHINA
  - 12.6.2 INDIA
  - 12.6.3 JAPAN
  - 12.6.4 AUSTRALIA
  - 12.6.5 REST OF ASIA-PACIFIC
- 12.7 LATIN AMERICA
  - 12.7.1 BRAZIL
  - 12.7.2 ARGENTINA
  - 12.7.3 REST OF LATIN AMERICA

## 12.8 REST OF THE WORLD

### 12.8.1 SOUTH AFRICA

### 12.8.2 OTHERS IN ROW

## 13 COMPETITIVE LANDSCAPE

### 13.1 OVERVIEW

### 13.2 COMPETITIVE SITUATION & TRENDS

#### 13.2.1 NEW PRODUCT LAUNCHES

#### 13.2.2 EXPANSIONS

#### 13.2.3 ACQUISITIONS

#### 13.2.4 AGREEMENTS, PARTNERSHIPS & COLLABORATIONS

#### 13.2.5 REGULATORY APPROVALS, RESEARCH & DEVELOPMENT, AND CONSOLIDATIONS

## 14 COMPANY PROFILES

(Company at a Glance, Recent Financials, Products & Services, Strategies & Insights, & Recent Developments)\*

### 14.1 INTRODUCTION

### 14.2 BASF SE

### 14.3 SYNGENTA AG

### 14.4 BAYER CROPSCIENCE AG

### 14.5 MONSANTO COMPANY

### 14.6 NUFARM LIMITED

### 14.7 PLATFORM SPECIALTY PRODUCTS COMPANY

### 14.8 SUMITOMO CHEMICAL CO., LTD.

### 14.9 E.I. DU PONT DE NEMOURS AND COMPANY

### 14.10 THE DOW CHEMICAL COMPANY

### 14.11 INCOTEC GROUP BV

\*Details on company at a glance, recent financials, products & services, strategies & insights, & recent developments might not be captured in case of unlisted companies.

## 15 APPENDIX

### 15.1 DISCUSSION GUIDE

### 15.2 OTHER DEVELOPMENTS



- 15.3 KNOWLEDGE STORE: MARKETSandMARKETS' SUBSCRIPTION PORTAL
- 15.4 INTRODUCING RT: REAL-TIME MARKET INTELLIGENCE
- 15.5 AVAILABLE CUSTOMIZATIONS
- 15.6 RELATED REPORTS

## List Of Tables

### LIST OF TABLES

Table 1 SEED TREATMENT AS A COST-EFFECTIVE SOLUTION

Table 2 WORLD POPULATION BETWEEN 1960 AND 2030

Table 3 SEED TREATMENT FUNGICIDES

Table 4 SEED TREATMENT INSECTICIDES

Table 5 KEY PATENTS IN SEED TREATMENT MARKET, 2012–2016

Table 6 SEED TREATMENT MARKET SIZE, BY FUNCTION, 2014–2021 (USD MILLION)

Table 7 CROP PROTECTION: SEED TREATMENT MARKET SIZE, BY FUNCTION, 2014–2020 (USD MILLION)

Table 8 INSECTICIDES: SEED TREATMENT MARKET SIZE, BY REGION, 2014–2020 (USD MILLION)

Table 9 FUNGICIDES: SEED TREATMENT MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 10 COMMERCIAL NEMATICIDES, BY ACTIVE INGREDIENT & CROP

Table 11 OTHER SEED TREATMENT MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 12 COMMERCIALLY AVAILABLE INOCULANTS, BY CROP & DOSAGE

Table 13 RHIZOBIUM INOCULANTS, BY CROP

Table 14 NITROGEN FIXING CAPACITY OF AZOSPIRILLUM, BY CROP

Table 15 REDUCTION IN USE OF CHEMICAL NUTRIENTS BY USE OF INOCULANTS

Table 16 APPROVED INOCULANTS BY ORGANIC MATERIAL REVIEW INSTITUTE (OMRI)

Table 17 GUSTAFSON (BAYER CROPSCIENCE): SEED TREATMENT EQUIPMENT

Table 18 SEED ENHANCEMENT: SEED TREATMENT MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 19 SEED TREATMENT MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

Table 20 CHEMICAL SEED TREATMENT MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 21 NON-CHEMICAL: SEED TREATMENT MARKET SIZE, BY TYPE, 2014–2021 (USD MILLION)

Table 22 PHYSICAL SEED TREATMENT MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 23 BIOLOGICAL SEED TREATMENT MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 24 SEED TREATMENT MARKET SIZE, BY CROP TYPE, 2014–2021 (USD MILLION)

Table 25 CEREAL & GRAIN SEED TREATMENT MARKET SIZE, BY CROP, 2014–2021 (USD MILLION)

Table 26 CORN SEED TREATMENT MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 27 WHEAT SEED TREATMENT MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 28 RICE SEED TREATMENT MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 29 OILSEED TREATMENT MARKET SIZE, BY CROP, 2014–2021 (USD MILLION)

Table 30 SOYBEAN SEED TREATMENT MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 31 COTTON SEED TREATMENT MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 32 CANOLA SEED TREATMENT MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 33 SUNFLOWER SEED TREATMENT MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 34 OTHER CROP TYPES SEED TREATMENT MARKET SIZE, BY REGION, 2014–2021 (USD MILLION)

Table 35 SEED TREATMENT MARKET SIZE, BY APPLICATION TECHNIQUE, 2014-2021 (USD MILLION)

Table 36 GLOBAL SEED TREATMENT MARKET SIZE, BY REGION, 2014-2021 (USD MILLION)

Table 37 PEST ANALYSIS: SEED TREATMENT MARKET

Table 38 NORTH AMERICA: SEED TREATMENT MARKET SIZE, BY COUNTRY, 2014-2021 (USD MILLION)

Table 39 NORTH AMERICA: SEED TREATMENT MARKET SIZE, BY CROP TYPE, 2014-2021 (USD MILLION)

Table 40 NORTH AMERICA: SEED TREATMENT MARKET SIZE, BY FUNCTION, 2014-2021 (USD MILLION)

Table 41 U.S.: SEED TREATMENT MARKET SIZE, BY CROP TYPE, 2014-2021 (USD MILLION)

Table 42 U.S.: SEED TREATMENT MARKET SIZE, BY FUNCTION, 2014-2021 (USD MILLION)

Table 43 CANADA: SEED TREATMENT MARKET SIZE, BY CROP TYPE, 2014-2021 (USD MILLION)

Table 44 CANADA: SEED TREATMENT MARKET SIZE, BY FUNCTION, 2014-2021  
(USD MILLION)

Table 45 MEXICO: SEED TREATMENT MARKET SIZE, BY CROP TYPE, 2014-2021  
(USD MILLION)

Table 46 MEXICO: SEED TREATMENT MARKET SIZE, BY FUNCTION, 2014-2021  
(USD MILLION)

Table 47 EUROPE: SEED TREATMENT MARKET SIZE, BY COUNTRY, 2014-2021  
(USD MILLION)

Table 48 EUROPE: SEED TREATMENT MARKET SIZE, BY CROP TYPE, 2014-2021  
(USD MILLION)

Table 49 EUROPE: SEED TREATMENT MARKET SIZE, BY FUNCTION, 2014-2021  
(USD MILLION)

Table 50 FRANCE: SEED TREATMENT MARKET SIZE, BY CROP TYPE, 2014-2021  
(USD MILLION)

Table 51 FRANCE: SEED TREATMENT MARKET SIZE, BY FUNCTION, 2014-2021  
(USD MILLION)

Table 52 GERMANY: SEED TREATMENT MARKET SIZE, BY CROP TYPE,  
2014-2021 (USD MILLION)

Table 53 GERMANY: SEED TREATMENT MARKET SIZE, BY FUNCTION, 2014-2021  
(USD MILLION)

Table 54 RUSSIA: SEED TREATMENT MARKET SIZE, BY CROP TYPE, 2014-2021  
(USD MILLION)

Table 55 RUSSIA: SEED TREATMENT MARKET SIZE, BY FUNCTION, 2014-2021  
(USD MILLION)

Table 56 REST OF EUROPE: SEED TREATMENT MARKET SIZE, BY CROP TYPE,  
2014-2021 (USD MILLION)

Table 57 REST OF EUROPE: SEED TREATMENT MARKET SIZE, BY FUNCTION,  
2014-2021 (USD MILLION)

Table 58 ASIA-PACIFIC: SEED TREATMENT MARKET SIZE, BY COUNTRY,  
2014-2021 (USD MILLION)

Table 59 ASIA-PACIFIC: SEED TREATMENT MARKET SIZE, BY CROP TYPE,  
2014-2021 (USD MILLION)

Table 60 ASIA-PACIFIC: SEED TREATMENT MARKET SIZE, BY FUNCTION,  
2014-2021 (USD MILLION)

Table 61 CHINA: SEED TREATMENT MARKET SIZE, BY CROP TYPE, 2014-2021  
(USD MILLION)

Table 62 CHINA: PACIFIC: SEED TREATMENT MARKET SIZE, BY FUNCTION,  
2014-2021 (USD MILLION)

Table 63 INDIA: SEED TREATMENT MARKET SIZE, BY CROP TYPE, 2014-2021

(USD MILLION)

Table 64 INDIA: SEED TREATMENT MARKET SIZE, BY FUNCTION, 2014-2021 (USD MILLION)

Table 65 JAPAN: SEED TREATMENT MARKET SIZE, BY CROP TYPE, 2014-2021 (USD MILLION)

Table 66 JAPAN: SEED TREATMENT MARKET SIZE, BY FUNCTION, 2014-2021 (USD MILLION)

Table 67 AUSTRALIA: SEED TREATMENT MARKET SIZE, BY CROP TYPE, 2014-2021 (USD MILLION)

Table 68 AUSTRALIA: SEED TREATMENT MARKET SIZE, BY FUNCTION, 2014-2021 (USD MILLION)

Table 69 REST OF ASIA-PACIFIC: SEED TREATMENT MARKET SIZE, BY CROP TYPE, 2014-2021 (USD MILLION)

Table 70 REST OF ASIA-PACIFIC: SEED TREATMENT MARKET SIZE, BY FUNCTION, 2014-2021 (USD MILLION)

Table 71 LATIN AMERICA: SEED TREATMENT MARKET SIZE, BY COUNTRY, 2014-2021 (USD MILLION)

Table 72 LATIN AMERICA: SEED TREATMENT MARKET SIZE, BY CROP TYPE, 2014-2021 (USD MILLION)

Table 73 LATIN AMERICA: SEED TREATMENT MARKET SIZE, BY FUNCTION, 2014-2021 (USD MILLION)

Table 74 BRAZIL: SEED TREATMENT MARKET SIZE, BY CROP TYPE, 2014-2021 (USD MILLION)

Table 75 BRAZIL: SEED TREATMENT MARKET SIZE, BY FUNCTION, 2014-2021 (USD MILLION)

Table 76 ARGENTINA: SEED TREATMENT MARKET SIZE, BY CROP TYPE, 2014-2021 (USD MILLION)

Table 77 ARGENTINA: SEED TREATMENT MARKET SIZE, BY FUNCTION, 2014-2021 (USD MILLION)

Table 78 REST OF LATIN AMERICA: SEED TREATMENT MARKET SIZE, BY CROP TYPE, 2014-2021 (USD MILLION)

Table 79 REST OF LATIN AMERICA: SEED TREATMENT MARKET SIZE, BY FUNCTION, 2014-2021 (USD MILLION)

Table 80 ROW: SEED TREATMENT MARKET SIZE, BY COUNTRY, 2014-2021 (USD MILLION)

Table 81 ROW: SEED TREATMENT MARKET SIZE, BY CROP TYPE, 2014-2021 (USD MILLION)

Table 82 ROW: SEED TREATMENT MARKET SIZE, BY FUNCTION, 2014-2021 (USD MILLION)

Table 83 SOUTH AFRICA: SEED TREATMENT MARKET SIZE, BY CROP TYPE, 2014-2021 (USD MILLION)

Table 84 SOUTH AFRICA: SEED TREATMENT MARKET SIZE, BY FUNCTION, 2014-2021 (USD MILLION)

Table 85 OTHERS IN ROW: SEED TREATMENT MARKET SIZE, BY CROP TYPE, 2014-2021 (USD MILLION)

Table 86 OTHERS IN ROW: SEED TREATMENT MARKET SIZE, BY FUNCTION, 2014-2021 (USD MILLION)

Table 87 NEW PRODUCT LAUNCHES, 2011–2016

Table 88 EXPANSIONS, 2011–2016

Table 89 ACQUISITIONS, 2011–2016

Table 90 AGREEMENTS, PARTNERSHIPS & COLLABORATIONS, 2011–2016

Table 91 REGULATORY APPROVALS, RESEARCH & DEVELOPMENT, AND CONSOLIDATIONS, 2011–2016

## List Of Figures

### LIST OF FIGURES

Figure 1 SEED TREATMENT MARKET SEGMENTATION

Figure 2 RESEARCH DESIGN

Figure 3 BREAKDOWN OF PRIMARY INTERVIEWS: BY COMPANY TYPE, DESIGNATION, AND REGION

Figure 4 GLOBAL POPULATION PROJECTION TILL 2050

Figure 5 MIDDLE-CLASS POPULATION IN ASIA-PACIFIC IS PROJECTED TO GROW RAPIDLY BY 2030

Figure 6 GLOBAL ARABLE AREA, 2009–2013, (MILLION HECTARE)

Figure 7 EXPORT VALUE OF PESTICIDES, 2004–2014 (USD MILLION)

Figure 8 MARKET SIZE ESTIMATION METHODOLOGY: BOTTOM-UP APPROACH

Figure 9 MARKET SIZE ESTIMATION METHODOLOGY: TOP-DOWN APPROACH

Figure 10 MARKET BREAKDOWN & DATA TRIANGULATION

Figure 11 SEED TREATMENT MARKET SNAPSHOT (2016 VS. 2021): INSECTICIDES SEGMENT TO DOMINATE THE MARKET IN TERMS OF FUNCTION

Figure 12 CEREALS & GRAINS: MOST ATTRACTIVE MARKET SEGMENT FOR INVESTMENT, 2016-2021

Figure 13 SEED COATING: MOST ATTRACTIVE APPLICATION TECHNIQUE SEGMENT FOR INVESTMENT, 2016-2021

Figure 14 NORTH AMERICA IS PROJECTED TO REGISTER HIGHEST GROWTH RATE, 2016–2021

Figure 15 EMERGING ECONOMIES OFFER ATTRACTIVE OPPORTUNITIES IN THE SEED TREATMENT MARKET, 2016–2021

Figure 16 INSECTICIDES SEGMENT TO GROW AT THE HIGHEST RATE, 2016–2021

Figure 17 WHEAT CAPTURED LARGEST SHARE IN EMERGING ASIA-PACIFIC MARKET IN 2015

Figure 18 INDIA IS PROJECTED TO BE FASTEST-GROWING COUNTRY-LEVEL MARKET FOR SEED TREATMENT FROM 2016 TO 2021

Figure 19 NORTH AMERICA DOMINATED THE SEED TREATMENT MARKET FOR CORN & SOYBEAN IN 2015

Figure 20 CORN SEGMENT WAS THE LARGEST IN 2015

Figure 21 SEED TREATMENT MARKET IN NORTH AMERICA IS EXPECTED TO EXPERIENCE HIGH GROWTH FROM 2016 TO 2021

Figure 22 BENEFITS OF SEED TREATMENT

Figure 23 SEED TREATMENT MARKET EVOLUTION

Figure 24 SEED TREATMENT MARKET, BY TYPE

Figure 25 SEED TREATMENT MARKET, BY FUNCTION

Figure 26 SEED TREATMENT MARKET, BY CROP TYPE

Figure 27 SEED TREATMENT MARKET, BY APPLICATION TECHNIQUE

Figure 28 SEED TREATMENT MARKET, BY REGION

Figure 29 SEED TREATMENT: LOW-COST TECHNIQUE WITH MINIMUM RESIDUE LEVEL DRIVES THE MARKET

Figure 30 PRICE TRENDS FOR CORN & SOYBEAN SEEDS, 2010

Figure 31 VALUE CHAIN ANALYSIS: SIGNIFICANT VALUE ADDED DURING R&D AND PRODUCTION PHASES

Figure 32 SUPPLY CHAIN: RESEARCH & DEVELOPMENT PLAYS AN IMPORTANT ROLE IN SEED TREATMENT MARKET

Figure 33 PORTER'S FIVE FORCES ANALYSIS

Figure 34 STRATEGIC BENCHMARKING: BRAZIL & ARGENTINA SOUGHT AS DESTINATIONS FOR SEED TREATMENT PRODUCTS

Figure 35 STRATEGIC BENCHMARKING: PARTNERSHIPS WITH SEED COMPANIES

Figure 36 CROP PROTECTION SEGMENT IS EXPECTED TO BE THE LARGEST FUNCTION IN 2016

Figure 37 NORTH AMERICA TO LEAD THE INSECTICIDE SEED TREATMENT MARKET FROM 2016 TO 2021

Figure 38 NORTH AMERICA TO DOMINATE THE SEED ENHANCEMENT MARKET BY 2021

Figure 39 CHEMICAL SEED TREATMENT TO DOMINATE THE MARKET THROUGHOUT THE FORECAST PERIOD

Figure 40 CEREALS & GRAINS TO SEE THE HIGHEST GROWTH IN THE SEED TREATMENT MARKET DURING THE FORECAST PERIOD

Figure 41 CORN TO DOMINATE THE CEREAL & GRAINS CROP TYPE IN 2016

Figure 42 ASIA-PACIFIC TO WITNESS THE HIGHEST GROWTH BETWEEN 2016 & 2021

Figure 43 SEED COATING TO DOMINATE THE SEED TREATMENT MARKET BY 2021

Figure 44 INDIA IS EXPECTED TO WITNESS THE FASTEST GROWTH IN THE GLOBAL SEED TREATMENT MARKET BETWEEN 2016 AND 2021

Figure 45 NORTH AMERICA IS PROJECTED TO DOMINATE THE GLOBAL SEED TREATMENT MARKET BY 2021

Figure 46 NORTH AMERICA MARKET SNAPSHOT

Figure 47 U.S. TO WITNESS THE FASTEST GROWTH IN THE NORTH AMERICAN SEED TREATMENT MARKET DURING THE FORECAST PERIOD

Figure 48 EUROPE MARKET SNAPSHOT (2016-2021)



Figure 49 GERMANY TO DOMINATE THE MARKET FOR SEED TREATMENT IN EUROPE THROUGHOUT THE FORECAST PERIOD

Figure 50 ASIA-PACIFIC MARKET SNAPSHOT

Figure 51 CHINA TO BE THE MARKET LEADER FOR SEED TREATMENT IN ASIA-PACIFIC IN 2015

Figure 52 BRAZIL TO DOMINATE THE LATIN AMERICAN SEED TREATMENT MARKET BY 2021

Figure 53 COMPANIES ADOPTED NEW PRODUCT LAUNCHES AND EXPANSIONS AS KEY GROWTH STRATEGIES BETWEEN 2011 & 2016

Figure 54 ESTABLISHMENT OF BUSINESS UNITS FOR EFFECTIVE PRODUCT LAUNCHES

Figure 55 EXPANDING REVENUE BASE THROUGH NEW PRODUCT LAUNCHES, EXPANSIONS AND CONTRACTS & AGREEMENTS

Figure 56 EXPANSIONS: KEY GROWTH STRATEGY, 2011–2016

Figure 57 GEOGRAPHIC REVENUE MIX OF TOP FIVE MARKET PLAYERS

Figure 58 BASF SE: COMPANY SNAPSHOT

Figure 59 BASF SE: SWOT ANALYSIS

Figure 60 SYNGENTA AG: COMPANY SNAPSHOT

Figure 61 SYNGENTA AG: SWOT ANALYSIS

Figure 62 BAYER CROPSCIENCE AG: COMPANY SNAPSHOT

Figure 63 SYNGENTA AG: SWOT ANALYSIS

Figure 64 MONSANTO COMPANY: COMPANY SNAPSHOT

Figure 65 MONSANTO COMPANY: SWOT ANALYSIS

Figure 66 NUFARM LIMITED: COMPANY SNAPSHOT

Figure 67 NUFARM LIMITED: SWOT ANALYSIS

Figure 68 PLATFORM SPECIALTY PRODUCTS COMPANY: COMPANY SNAPSHOT

Figure 69 PLATFORM SPECIALTY PRODUCTS COMPANY: SWOT ANALYSIS

Figure 70 SUMITOMO CHEMICAL CO., LTD.: COMPANY SNAPSHOT

Figure 71 E.I. DU PONT DE NEMOURS AND COMPANY: COMPANY SNAPSHOT

Figure 72 THE DOW CHEMICAL COMPANY: COMPANY SNAPSHOT

## I would like to order

Product name: Seed Treatment Market by Function (Crop Protection Chemicals and Seed Enhancement), Type (Chemical and Non-Chemical), Crop Type (Cereals & grains, and Oilseeds), Application Technique, & by Region - Global Forecast to 2021

Product link: <https://marketpublishers.com/r/G0AA9F7FEABEN.html>

Price: US\$ 5,650.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G0AA9F7FEABEN.html>