

## Global Seed Industry Outlook to 2016 - Rapid Emergence of Genetically Modified Seeds

https://marketpublishers.com/r/G0E602500A9EN.html

Date: June 2012

Pages: 90

Price: US\$ 770.00 (Single User License)

ID: G0E602500A9EN

#### **Abstracts**

The report titled "Global Seed Industry Outlook to 2016 – Rapid Emergence of Genetically Modified Seeds" provides a comprehensive analysis on the size of seed market, grain seeds, horticulture seeds, oil seeds, vegetable seeds and fruit seed segments. The report covers the sales of seeds across all the regions in the world with detailed coverage on Europe, Asia-Pacific, North America and Latin American region and 11 countries including the US, Canada, India, China, Japan, Australia, France, Germany, Brazil, Argentina and Mexico.

#### Global

The global seed market has grown at a CAGR of 5.6% during the period 2005-2011. This growth was primarily supplemented by the remarkably rising population and inflating agricultural commodity prices, especially during the year 2007 and 2008. Moreover, an increasing adoption rate of genetically modified crops throughout the globe has supplemented the sales value of the seed market in the recent past. In addition, increasing production of bio-fuel across the major economies with an objective to generate an alternative for the scarcity of traditional fuel has inclined the demand for corn seeds and oil seeds.

It has been observed in the recent past that the demand for commercial seeds was primarily generated in the emerging markets of Latin America such as Brazil, Eastern European countries, Asian countries such as India, China, Korea and several others south east Asian countries.

The key success factor still remains associated with the technological developments and the innovation of new and improved seeds with specialized traits such as drought



tolerant seeds.

#### Asia-Pacific

The Asia-Pacific seed market is the largest market in the world for seeds. The seed market in this part of the world is majorly unorganized with more than 1,500 seed producers including small and large firms both public and private who compete with each other for a relatively small share of the market. In 2011, the seed sales in Asia-Pacific inclined by ~% to USD ~ million from USD ~ million in 2010. The market in the region has grown at a CAGR of ~% from USD ~ million in 2005 to USD ~ million in 2011.

The contribution of China has grown from ~% in 2005 to ~% in 2011. In 2011, the seed market in India contributed around ~% to the overall sales of the seeds in Asia-Pacific. The market in Japan in 2011 further declined by ~% to USD ~ million due to the occurrence of several uncertain events and natural disasters.

#### **North America**

The US is the largest market for seeds in the world with a contribution of around ~% to the global commercial seed sales in the year 2011. The contribution of the market has predominantly increased over the years due to an increased production of field crops such as corns, canola and several others. The market in 2011 has been valued at USD ~ million registering a growth rate of ~% compared to the previous year sales of commercial seeds.

The North American seed market is expected to continue its growth at a CAGR of ~% from the period 2012-2016. The market is estimated to record USD ~ in 2016 with major contribution of ~% from the seed market in the US.

#### Europe

In 2011, after two years of continuous decline, the market showcased a positive growth of ~% to record sales value of USD ~ million on account of stabilization in the seed prices. In 2011, the sales of seeds in France were USD ~ million which is approximately ~% of the total sales of the European seed market. Germany is the second largest market for seeds in Europe with a contribution of ~% followed by Italy with a sales contribution of ~%, Spain and Turkey with ~% and ~% respectively contributed to the overall market in Europe.



The seed market in Europe is primarily held by Dupont-Pioneer. The company contributed around ~% of the total seed sales in Europe in 2011.

#### **Latin America**

Brazil is the third largest seed market in the world with a contribution of ~% of the total seed sales in the world in 2011. The country is one of the major producers of corn and soybean seeds. The seed market in Argentina was valued at USD ~ million in 2011, which was around ~% lower than the previous year.

The 4 major companies held around ~% of the total market pie in 2011. A handsome share was contributed by the others small domestic players which contributed around ~% to the overall market in 2011.

#### **Key Topics Covered in the Report:**

The market size of the Global seed Industry and its segments such as grain seeds, vegetable seeds, oil seeds, horticulture seeds and fruit seeds.

The market size of the seed market in the five regions such as Europe, Asia, Latin America and North America.

Market segmentation of seed markets in regions such as Europe, Asia and North America on the basis of sales of seeds such as grain seeds, vegetable seeds, oil seeds, horticulture seeds and fruit seeds.

Trends and Development of the Global seed Industry.

Competitive landscape and a detailed company profile of the major producers of seeds in the world, Europe, Asia and North America and Latin America.

Future outlook and projections of seeds- seeds such as grain seeds, vegetable seeds, oil seeds, horticulture seeds and fruit seeds on the basis of sales in the world.



#### **Contents**

- 1. GLOBAL SEED INDUSTRY INTRODUCTION
- 2. GLOBAL SEED MARKET SIZE BY VALUE, 2005-2011
- 3. GLOBAL SEED INDUSTRY SEGMENTATION, 2005-2011
- 3.1. By Asia-Pacific, North America, Europe, Latin America And Rest of the World, 2005-2011
- 3.2. By Vegetable Seeds, Horticulture, Oil seeds, Grain Seeds and Fruit Seeds, 2005-2011
- 3.3. By Genetically Modified Seeds and Organic Seeds, 2005-2011
- 4. GLOBAL SEED EXPORTS, 2007-2010
- 5. TRENDS AND DEVELOPMENTS

Rising Popularity of Genetically Modified/ Biotech Crops
Safeguarding innovative products with Patent rights to gain competitive advantage

- 6. MARKET SHARE OF MAJOR PLAYERS IN THE GLOBAL SEED INDUSTRY, 2008-2011
- 7. FUTURE OUTLOOK OF THE GLOBAL SEED INDUSTRY
- 7.1. Cause and Effect Relationship Between Dependent and Independent Factors Prevailing in the Global Seed Industry
- 7.2. Global Seed Industry Future Projections, 2012-2016

#### 8. ASIA-PACIFIC SEED MARKET

- 8.1. Asia-Pacific Seed Market Introduction and Size by Value, 2005-2011
- 8.2. Asia-Pacific Seed Market Segmentation, 2005-2011
- 8.2.1. By China, India, Japan, Australia and Rest of Asia-Pacific, 2005-2011
- 8.3. China Seed Market Size by Value, 2005-2011
- 8.4. India Seed Market Size by Value, 2005-2011

Seed Production And Distribution in India, FY'2005-FY'2010

Seed Requirement and Availability in India, FY'2011



- 8.4.1. Indian Domestic Seed Market Structure
- 8.5. Japan Seed Market Size by Value, 2005-2011
- 8.6. Australia Seed Size by Value, 2005-2011
- 8.7. Market Share of Major Players in the Asia-Pacific Seed Market, 2008-2011
- 8.8. Asia-Pacific Future Outlook and Projections, 2012-2016

#### 9. NORTH AMERICA SEED MARKET

- 9.1. North America Seed Market Introduction And Size by Value, 2005-2011
- 9.2. North America Seed Market Segmentation, 2005-2011
  - 9.2.1. By the US and Canada, 2005-2011
- 9.3. The US Seed Industry market size by Value, 2005-2011
- 9.4. Canada Seed Industry market size by Value, 2005-2011
- 9.5. Market Share of Major Players in North American Seed Market, 2008-2011
- 9.6. North America Seed Market Future Outlook and Projection, 2012-2016

#### 10. EUROPE SEED MARKET

- 10.1. Europe Seed Market Introduction and Size by Value, 2005-2011
- 10.2. Europe Seed industry Segmentation, 2005-2011
- 10.2.1. By France, Germany, Italy, Spain, Turkey, The UK and Rest of Europe, 2005-2011
- 10.2.2. By Vegetable Seeds, Horticulture, Oil seeds, Grain Seeds and Fruit Seeds, 2005-2011
- 10.3. France Seed Market Size by Value, 2005-2011
- 10.3.1. France Seed Market Segmentation by Vegetable Seeds, Horticulture, Oil seeds, Grain Seeds and Fruit Seeds, 2005-2011
- 10.4. Germany Seed Market Size by Value, 2005-2011
- 10.4.1. Germany Seed Market Segmentation by Vegetable Seeds, Horticulture, Oil seeds, Grain Seeds and Fruit Seeds, 2005-2011
- 10.5. Market Share of Major Players in the Europe Seed Market, 2008-2011
- 10.6. Europe Seed Market Future Outlook and Projections, 2012-2016

#### 11. LATIN AMERICA SEED MARKET

- 11.1. Latin America Market Introduction And size by Value, 2005-2011
- 11.2. Latin America Seed Market Segmentation, 2005-2011
- 11.2.1. By Brazil, Argentina, Mexico and Others, 2005-2011
- 11.3. Brazil Seed Market Size By value, 2005-2011



- 11.4. Argentina Seed Market Size By Value, 2005-2011
- 11.5. Mexico Seed Market Size By Value, 2005-2011
- 11.6. Market Share of Major Players in Latin America Seed Market, 2008-2010
- 11.7. Latin America Future Outlook and Projections, 2012-2016

## 12. COMPANY PROFILES OF MAJOR PLAYERS IN THE GLOBAL SEED INDUSTRY

12.1. Monsanto

Company Overview

Financial Performance And R&D Investments

**Business Strategies** 

12.2. DuPont-(Pioneer Inc.)

Company Overview

Financial Performance

R&D Expenditure

12.3. Syngenta

Company Overview

Financial Performance

**Business Strategies** 

12.4. Limagrain

Company Overview

Financial Performance

**Business Strategies** 

# 13. MACRO -ECONOMIC AND INDUSTRY FACTORS OF GLOBAL CROP PROTECTION INDUSTRY

- 13.1. Global Population, 2005-2016
- 13.2. World Bio Fuel Production, 2005-2016
- 13.3. Global Planted Area of Gentecially Modified Seeds, 2005-2016
- 13.4. World Irrigated Area
- 13.5. Food Price Index

#### 14. APPENDIX

- 14.1. Market Definition
- 14.2. Abbreviations
- 14.3. Research Methodology



Data Collection Methods
Approach
Variables (Dependent and Independent)
Multi Factor Based Sensitivity Model
Final Conclusion
14.4. Disclaimer



### **List Of Figures**

#### LIST OF FIGURES

Figure 1: Global Seed Market Size on the Basis of Sales in USD Million, 2005-2011

Figure 2: Global Seed Market Segmentation by Asia-Pacific, North America, Europe,

Latin America and Rest of the World on the Basis of Sales in USD Million, 2005-2011

Figure 3: Global Seed Market Segmentation by Grain Seeds, Horticulture Seeds, Oil

Seeds, Vegetable Seeds, Fruit Seeds and Others on the Basis of Sales in Percentage, 2005-2011

Figure 4: Global Seed Market Segmentation by Genetically Modified Seeds and Organic Seeds on the Basis of Sales in Percentage, 2005-2011

Figure 5: Genetically Modified Seed Market Size Contribution of the Genetically Modified Seeds in the Global Seed Market on the Basis of Sales in USD Million, 2005-2011

Figure 6: Global Market Size of Genetically Modified Crops on the Basis of Planted Area in Million Hectares and Sales in USD Million

Figure 7: Global Seed Industry Future Projections on the Basis of Sales in USD Million, 2012-2016

Figure 20: Asia-Pacific Seed Market Size on the Basis of Sales in USD Million, 2005-2011

Figure 21: Asia-Pacific Seed Market Segmentation by China, India, Japan, Australia and Rest of Asia-Pacific on the Basis of Sales in Percentage, 2005-2011

Figure 22: China Seed Market Size on the Basis of Sales in USD Million, 2005-2011

Figure 23: India Seed Market Size on the Basis of Sales in USD Million, 2005-2011

Figure 24: Indian Seed Market Structure on the Basis of Revenue, FY'2011

Figure 25: Japan Seed Market Size on the Basis of Sales in USD Million, 2005-2011

Figure 26: Australia Seed Market Size on the Basis of Sales in USD Million, 2005-2011

Figure 27: Asia-Pacific Seed Market Future Projections on the Basis of Sales in USD Million, 2012-2016

Figure 8: North America Seed Market Size on the Basis of Sales in USD Million, 2005-2011

Figure 9: North America Seed Market Segmentation by the US and Canada on the Basis of Sales, USD Million

Figure 10: The US Seed Market Size on the Basis of Sales in USD Million, 2005-2011

Figure 11: Canada Seed Market Size on the Basis of Sales in USD Million, 2005-2011

Figure 12: North America Seed Market Future Projections on the Basis of Sales in USD

Million and the Projected Contribution of the US in Percentage, 2012-2016

Figure 13: Europe Seed Market Size on the Basis of Sales in USD Million, 2005-2011



Figure 14: Europe Seed Market Segmentation by Grain Seeds, Horticulture Seeds, Oil Seeds, Vegetable Seeds, Fruit Seeds and Others on the Basis of Sales in Percentage, 2005-2011

Figure 15: France Seed Market Size on the Basis of Sales in USD Million, 2005-2011

Figure 16: France Seed Market Segmentation by Grain Seeds, Horticulture Seeds, Oil

Seeds, Vegetable Seeds, Fruit Seeds and Others on the Basis of Sales in Percentage, 2005-2011

Figure 17: Germany Seed Market Size on the Basis of Sales in USD Million, 2005-2011

Figure 18: Germany Seed Market Segmentation by Grain Seeds, Horticulture Seeds,

Oil Seeds, Vegetable Seeds, Fruit Seeds and Others on the Basis of Sales in Percentage, 2005-2011

Figure 19: Europe Seed Market Future Projections on the Basis of Sales in USD Million, 2012-2016

Figure 28: Latin America Seed Market Size on the Basis of Sales in USD Million, 2005-2011

Figure 29: Latin America Seed Market Segmentation by Brazil, Argentina, Mexico and Rest of Latin America on the Basis of Sales in USD Million, 2005-2011

Figure 30: Brazil Seed Market Size on the Basis of Sales in USD Million, 2005-2011

Figure 31: Argentina Seed Market Size on the Basis of Sales in USD Million, 2005-2011

Figure 32: Mexico Seed Market Size on the Basis of Sales in USD Million, 2005-2011

Figure 33: Latin America Future Projections on the Basis of Sales in USD Million, 2012-2016

Figure 34: Total Seed and Genomics Revenue of Monsanto in USD Million, 2005-2011

Figure 35: Total Seed Revenue of Dupont-Pioneer in USD Million, 2005-2011

Figure 37: Total Seed Revenue of Syngenta in USD Million, 2005-2011

Figure 38: Total Seed Revenue of Limagrain in USD Million, 2006-2011

Figure 39: Total Seed Revenue of Limagrain by Europe, Americas, Asia-Pacific and

Middle East and Africa in USD Million, 2006-2011

Figure 40: Global Population in Million, 2005-2016

Figure 41: World Bio Fuel Production in Million Litres, 2005-2016

Figure 42: Global Planted Area of Genetically Modified Seeds in Million Hectares, 2005-2016

Figure 43: World Irrigated Area in Million Hectares, 2005-2016

Figure 44: Food Price Index, 2005-2016



#### **List Of Tables**

#### **LIST OF TABLES**

Table 1: Global Seed Market Segmentation by Grain Seeds, Horticulture Seeds, Oil Seeds, Vegetable Seeds, Fruit Seeds and Others on the Basis of Sales in USD Million, 2005-2011

Table 2: Global Seed Market Segmentation by Genetically Modified Seeds and Organic Seeds on the Basis of Sales in USD Million, 2005-2011

Table 3: Global Seed Exports in USD Million, 2007-2010

Table 4: Global Market Segmentation of Genetically Modified Crops by Developed and Developing Countries on the Basis of Total Planted Area in Million Hectares

Table 5: Market Share of Major Players in the Global Seed Industry on the Basis of Sales, 2008-2011

Table 6: Cause and Effect Relationship Analysis between Industry Factors and Expected Industry Prospects of the Global Seed Industry

Table 7: Global Seed Industry Future Projections by Type of Seeds on the Basis of Sales in USD Million, 2012-2016

Table 8: Production and Distribution of Seeds in India in Thousand Quintals, FY'2005-FY'2010

Table 9: Seed Requirement and Availability in India by Crop Group in Lakh Quintals, FY'2011

Table 10: Market Share of Major Players in the Asia-Pacific Seed Market on the Basis of Sales in Percentage, 2008-2011

Table 11: Asia-Pacific Seed Market Future Projections by China, India, Japan and Australia on the Basis of Sales in USD Million, 2012-2016

Table 12: Market Share of Major Players in the North America Seed Market on the Basis of Sales, 2008-2011

Table 13: North America Seed Market Future Projections by the US and Canada on the Basis of Sales in USD Million, 2012-2016

Table 14: Europe Seed Market Segmentation by France, Germany, Spain, Turkey, the UK and Others on the Basis of Sales in Percentage, 2005-2011

Table 15: Europe Seed Market Segmentation by Grain Seeds, Horticulture Seeds, Oil Seeds, Vegetable Seeds, Fruit Seeds and Others on the Basis of Sales in USD Million, 2005-2011

Table 16: France Seed Market Segmentation by Grain Seeds, Horticulture Seeds, Oil Seeds, Vegetable Seeds, Fruit Seeds and Others on the Basis of Sales in USD Million, 2005-2011

Table 17: Germany Seed Market Segmentation by Grain Seeds, Horticulture Seeds, Oil



Seeds, Vegetable Seeds, Fruit Seeds and Others on the Basis of Sales in USD Million, 2005-2011

Table 18: Market Share of Major Players in the Europe Seed Market on the Basis of Sales in Percentage, 2008-2011

Table 19: Europe Seed Market Future Projections by Countries on the Basis of Sales in USD Million, 2012-2016

Table 20: Europe Seed Market Future Projections by Type of Seeds on the Basis of Sales in USD Million, 2012-2016

Table 21: Market Share of Major Players in Latin America Seed Market on the Basis of Sales in Percentage, 2008-2011

Table 22: Latin America Future Projections by Brazil, Argentina and Mexico on the Basis of Sales in USD Million, 2012-2016

Table 23: Total Seed and Genomics Revenue of Monsanto by North America, Europe, Latin America, Asia-Pacific and Others in USD Million, 2005-2011

Table 24: Total Revenue of Monsanto by Type of Seeds in Percentage, 2005-2011

Table 25: Monsanto's R&D Expenditure in Seed and Genomics and Agricultural Productivity segment in USD Million, 2005-2011

Table 26: Total Seed Revenue of Dupont-Pioneer by North America, Europe, Asia-Pacific and Latin America in USD Million, 2005-2011

Table 27: Dupont-Pioneer R&D Expenditure on the Agriculture Segment in USD Million, 2005-2011

Table 28: Total Seed Revenue of Syngenta by North America, Europe, Latin America, Asia-Pacific and Others in USD Million, 2005-2011

Table 29: Total Seed Revenue of Syngenta by Category of Seed Products in USD Million, 2005-2011

Table 30: Syngenta R&D Expenditure in Seeds in USD Million, 2005-2011

Table 31: Limagrain's R&D Expenditure in Seeds in USD Million, 2005-2011

Table 32: Correlation Matrix of the Global Seed Industry

Table 33: Regression Coefficients Output of the Global Crop Protection Industry



#### I would like to order

Product name: Global Seed Industry Outlook to 2016 - Rapid Emergence of Genetically Modified Seeds

Product link: <a href="https://marketpublishers.com/r/G0E602500A9EN.html">https://marketpublishers.com/r/G0E602500A9EN.html</a>

Price: US\$ 770.00 (Single User License / Electronic Delivery)

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

Service:

info@marketpublishers.com

### **Payment**

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <a href="https://marketpublishers.com/r/G0E602500A9EN.html">https://marketpublishers.com/r/G0E602500A9EN.html</a>

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

First name:	
Last name:	
Email:	
Company:	
Address:	
City:	
Zip code:	
Country:	
Tel:	
Fax:	
Your message:	
	**All fields are required
	Custumer signature

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

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