The report titled “India Protected Cultivation Outlook to 2017-Government Initiatives Paving the Way for Future Growth” provides a comprehensive analysis on the protected cultivation in India and the market analysis of various methods being used for the protected cultivation such as greenhouse, shade nets, mulching, anti-hail/bird nets. In India, protected cultivation has been implemented in an area of ~ hectares in FY'2012. The protected cultivation in India has witnessed a rapid growth of ~% for the period of FY'2007-FY'2012. The area under protected cultivation was 0.23% of the total area under the horticulture cultivation in India in FY'2012. The major crops grown in the protected cultivation are tomato, capsicum, cucumber, melons, rose, gerbera, carnation and chrysanthemum. With the coordinated efforts of the center and state governments, protected cultivation is expected to gain popularity in India in the coming years. The states and union territories that have adopted protected cultivation in the country have increased from 9 states in FY'2007 to 30 states and union territories in FY'2012. The phase wise implementation of protected cultivation has bolstered the adoption of protected cultivation across the country.

Key topics covered in the report are:

- India Horticulture market by cultivation area and production output for the years FY'2007-FY'2012.
- India Horticulture Exports FY'2007-FY'2012.
- India Protected cultivation segments by greenhouses, shade nets, mulching, plastic tunnels and anti-hail/bird nets in terms of the area in hectares.
- India Protected cultivation by states and expenditure on the protected cultivation methods in years FY'2007-FY'2012.
- India Greenhouse market and segments such as Low cost greenhouse and High cost greenhouses.
- India Protected Cultivation market size in terms of cladding material cost of the greenhouses, shade nets, mulching, plastic tunnels, anti-bird nets and anti-hail nets from FY'2007-FY'2012.
- India Greenhouse exports and Imports.
- India Shade nets market and segments such as Bamboo structure shade nets, wooden structure shade nets.
- India Mulching market size and segments such as Organic mulch and inorganic mulch, Bio-degradable and Non-bio-degradable mulches.
- India Mulch mats imports and exports
- India Plastic Tunnels market size
- India Anti-hail/bird nets market size and segments such as Anti-hail nets and Anti-bird nets
- India Anti- Hail nets and Anti-bird nets imports and exports
- Dealers and distributors of greenhouses, shade nets, mulching, plastic tunnels and anti-hail/bird nets state-wise
- Value Chain For Protected Cultivation in India
- Government Initiatives to Promote Protected Cultivation in India
- Events and Conferences for Protected Cultivation in India
- Key research Institutes in Protected Cultivation in India
- SWOT Analysis of Protected Cultivation in India
- Competitive landscape of the leading manufacturers and suppliers of the greenhouses, mulch mats and shade nets

Products Mentioned:

Horticulture Crops, Protected Cultivation, Protected Cultivation Methods, Greenhouse Market, Shade Net Market, Plastic Tunnels Market, Mulching Market, Anti-Bird/Hail Nets

Contents:

1. Introduction to the Horticulture Industry in India
2. India Horticulture Crops Introduction and Market Size, FY'2007-FY'2012
   2.1. By Plantation Area, FY'2007-FY'2012
   2.2. By Horticulture Yield, FY'2007-FY'2012
3. India Horticulture Exports, FY’2007-FY’2012

   4.1. By Plantation Area in States and Union Territories of India, FY’2007-FY’2012
   4.2. By Yield of Indian States and Union Territories, FY’2007-FY’2012

5. India Horticulture Future Outlook by Plantation Area, FY’2013-FY’2017

   6.1. Expenditure on Protected Cultivated by States in India, FY’2007-FY’2012

7. India Protected Cultivation Segmentation
   7.1. By Type of Vegetation under Protected Cultivation, FY’2012
   7.2. By States, FY’2007-FY’2012
   7.2.1. By Type of Protected Cultivation Methods, FY’2007-FY’2012
   7.2.2. India Greenhouse Market Introduction
   7.2.2.1. Greenhouse Market Size in India, FY’2007-FY’2012
   7.2.2.2. India Greenhouse Market Segmentation by Hi-Tech and Low-Cost Greenhouses, FY’2007-FY’2012
   7.2.2.3. India Greenhouse Market Trends and Developments
          Increasing Popularity of Mud-Walled Type Poly House
          Development of Chinese Type Poly house
          Development of Trench Technology
   7.2.2.4. India Greenhouse Exports, FY’2007-FY’2012
   7.2.2.5. India Greenhouse Imports, FY’2007-FY’2012
   7.2.2.6. Technical Aspects of Greenhouses
   7.2.2.7. Future Outlook of Protected Area Under Greenhouses in India, FY’2013-FY’2017
   7.2.3. India Shade Net Market Introduction
   7.2.3.1. India Shade Net Market Size, FY’2007-FY’2012
   7.2.3.2. Technical Specification in Shade Nets
   7.2.3.3. Competitive Landscape of Leading Shade Net Manufacturers in India, FY’2012
   7.2.3.4. Future Outlook of Protected Area Under Shade Nets, FY’2013-FY’2017
   7.2.4. India Plastic Tunnels Market Introduction and Size, FY’2007-FY’2012
   7.2.4.1. India Plastic Tunnels Future Outlook and Projections, FY’2013-FY’2017
   7.2.5. India Mulching Market Introduction
   7.2.5.1. India Mulching Market Size FY’2007-FY’2012
   7.2.5.2. Technical specifications of Plastic Mulches
   7.2.5.3. India Mulching Market Segmentation By Biodegradable and Non-Biodegradable Mulches, FY’2012
   7.2.5.4. India Mulching Market Trends and Developments
   7.2.5.5. Competitive Landscape of Leading Manufacturers of Mulch in India, FY’2012
   7.2.5.6. India Mulch Mats Imports and Exports, FY’2007-FY’2012
   7.2.5.7. India Mulching Market Future Outlook and Projections, FY’2013-FY’2017
   7.3. Emerging Methods of Protected Cultivation in India
   7.3.1. India Anti-Bird/Hail Nets Market Size, FY’2011-FY’2012
   7.3.2. India Anti-Bird/Hail Nets Exports and Imports, FY’2007-FY’2012
   7.3.3. India Anti-Bird/Hail Nets Future Outlook and Projections, FY’2013-FY’2017
   7.4. Profitable Segments in Protected cultivation

8. Value Chain For Protected Cultivation in India

9. Government Initiatives to Promote Protected Cultivation in India
   9.1. By National Horticulture Mission (NHM)
   9.2. By National Horticulture Board (NHB)
   9.3. By State Governments
   9.4. By Rashtriya Krishi Vikas Yojna (RKVY)
   9.5. By Horticulture Mission for North East and Himalayan States (HMNEH)

10. Events and Conferences for Protected Cultivation in India

11. Key research Institutes in Protected Cultivation in India
   11.1. Central Institute of Horticulture (CIH)
11.2. Indian Agricultural Research Institute (IARI)
11.3. Indian Council of Agricultural Research (ICAR)

12. Donor and NGOs Support for Agro Netting in Horticulture

13. Trends and Developments in Protected Cultivation in India
   Indo-Israel Agricultural deal
   Focus on Pond and Reservoir Lining
   Merger of National Horticulture Mission (NHM) and Horticulture Mission for North East and Himalayan States (HMNEH)
   Spice Parks in India
   Development of Nurseries

14. SWOT Analysis of Protected Cultivation in India

15. Dealers and Suppliers of Greenhouses, Shade Nets and Plastic Mulches in India

16. Future Outlook and Projections of Protected Cultivation in India, FY'2013-FY'2017
   16.1. By State Expenditure on Protected Cultivation, FY'2013-FY'2017

17. Cause and Effect Relationship between Dependent and Independent factors Prevailing in Protected Cultivation Industry

18. India Protected Cultivation Macro Economic Indicators: Historical and Projections
   18.1. India Population Estimates, FY'2007-FY'2017
   18.2. FDI in Multi Brand Retail in India- Fuelling Demand for Quality Horticulture Products

19. Appendix
   19.1. Market Definition
   19.2. Abbreviations
   19.3. Research Methodology
      Data Collection Methods
      Approach
      Variables (Dependent and Independent)
      Multi Factor Based Sensitivity Model
      Final Analysis
   19.4. Disclaimer

LIST OF FIGURES

Figure 1: India Horticulture Plantation Area in Thousand (000's) Hectares and Area under Protected Cultivation in Hectares in Percentage of Total Area under Horticulture, FY'2007-FY'2012
Figure 2: India Horticulture Yield in Thousand (000's) Metric Tonnes, FY'2007-FY'2012
Figure 3: Percentage Share of Yield of Different Crop Plantations in India, FY'2007-FY'2012
Figure 4: India Horticulture Projections on the Basis of Area in Thousand (000's) Hectares, FY'2013-FY'2017
Figure 5: India Protected Cultivation Market Size on the Basis of Cumulative Area in Hectares, FY'2007-FY'2012
Figure 6: Area under Protected Cultivation by Type of Vegetation in Percentage, FY'2012
Figure 7: States and Union Territories Adopting Protected Cultivation in India in Number, FY'2007-FY'2012
Figure 9: India Protected Cultivation Segmentation by Greenhouses, Mulching, Plastic Tunnels, Shade Nets and Anti-Bird/Hail Nets on the Basis of Area in Percentage, FY'2007-FY'2012
Figure 10: Working Model of Greenhouse
Figure 11: India Greenhouse Market Size on the Basis of Cumulative Area in Hectare and Market Size in INR Million, FY'2007-FY'2012
Figure 12: India Greenhouse Exports by Ready to Assemble Type and Other Greenhouses on the Basis of Revenue in USD Million, FY'2007-FY'2012
Figure 13: India Greenhouse Import by Ready to Assemble Type and Other Greenhouses on the Basis of Revenue in USD Million, FY'2007-FY'2012
Figure 14: India Greenhouse Future Projections on the Basis of Area in Hectares and Market Size in INR Million, FY'2013-FY'2017
Figure 15: India Shade Nets Market Size on the Basis of Cumulative Area in Hectares and Value in INR Million, FY'2007-FY'2012
Figure 16: India Shade Nets Market Future Projections on the Basis of Cumulative Area in Hectares and...
Market Size in INR Million, FY'2013-FY'2017
Figure 17: Type of Plastic Tunnels and Construction Details
Figure 18: India Plastic Tunnels Market Size by Cumulative Area in Hectares and Market Size in INR Million, FY'2007-FY'2012
Figure 19: India Plastic Tunnels market Projections on the Basis of Area in Hectares and Market Size in INR Million, FY'2013-FY'2017
Figure 20: India Mulching Market Size on the Basis of Cumulative Area in Hectares and Market Size in INR Million, FY'2007-FY'2012
Figure 21: Mulch Mats Segmentation by LDPE and HDPE Plastic Mulches, FY'2012
Figure 22: India Import and Export of Mulch Mats by Value in USD Million, FY'2007-FY'2012
Figure 23: India Import and Export of Mulch Mats by Quantity in Kilograms, FY'2007-FY'2012
Figure 24: India Mulching Market Future Projections on the Basis of Area in Hectares, FY'2013-FY'2017
Figure 25: India Anti-Bird/Hail Nets Import and Export on the Basis of Revenue in USD Million, FY'2007-FY'2012
Figure 26: India Anti-Bird/ Hail Nets Import and Export on the Basis of Volume in Kg, FY'2007-FY'2012
Figure 27: India Anti-Hail/Bird Nets Future Projections on the Basis of Cumulative Area in Hectares, FY'2013-FY'2017
Figure 28: Value China for Protected Cultivation in India
Figure 29: Percentage Share of Funding Protected Cultivation by National Boards across India, FY'2012
Figure 30: Organization Structure of National Horticulture Mission (NHM)
Figure 31: Organization Structure of RKVY
Figure 32: Ponds and Reservoir Lining in India in Units, FY'2007-FY'2012
Figure 33: Cumulative Area under Nurseries in India in Hectares, FY'2007-FY'2012
Figure 34: India Protected Cultivation Future Projection on the Basis of Area in Hectares, FY'2013-FY'2017
Figure 35: India Protected Cultivation Projection on the Basis of State Expenditure in INR Million, FY'2013-FY'2017
Figure 36: Population of India in Million, FY'2007-FY'2017

LIST OF TABLES
Table 1: India Horticulture Plantation Area in Thousand (000's) Hectares by Type of Vegetation, FY'2007-FY'2012
Table 2: India Horticulture Yield by Type of Vegetation in Thousand (000's) Metric Tonnes, FY'2007-FY'2012
Table 3: India Horticulture Exports by Floriculture, Processed Fruits and Vegetables and Fruit and Vegetables in Tonnes, FY'2007-FY'2012
Table 4: India Horticulture Exports by Fresh Fruits and Vegetables, Floriculture, Processed Fruits and Vegetables by Value in USD Million, FY'2007-FY'2012
Table 5: India Horticulture Plantation Area in Thousand (000's) Hectares by States, FY'2007-FY'2012
Table 6: India Horticulture Yield by the States in Thousand (000's) Metric Tonnes, FY'2007-FY'2012
Table 7: India Protected Cultivation Market Size by Value in INR Million, FY'2012
Table 8: Expenditure on Protected Cultivation by States in India in INR Lakhs, FY'2007-FY'2012
Table 9: India Protected Cultivation Market Segmentation by Type of Vegetation on the Basis of Cumulative Area in Hectares, FY'2012
Table 10: Year on Year Addition of Area under Protected Cultivation by States and Union Territories of India in Hectares, FY'2007-FY'2012
Table 11: Year on Year Growth in Protected Cultivation Area in North East and Himalayan States in Hectares, FY'2011 and FY'2012
Table 12: Major Markets for Protected Cultivation Methods (Greenhouses, Shade Nets, Mulching, Plastic Tunnels and Anti-Bird/Hail Nets) in India in terms of Area in Hectares, FY'2012
Table 13: Average Cost of Cladding Material of the Protected Cultivation Methods (Greenhouses, Shade Nets, Plastic Tunnels, Mulching and Anti-Bird/Hail Nets) per Square Meters in Major Markets of India in INR, FY'2012
Table 14: Market Size of Protected Cultivation Methods (Greenhouses, Shade Nets, Mulching, Plastic Tunnels and Anti-Bird/ Hail Nets) in Major Markets by value in INR million, FY'2012
Table 15: India Protected Cultivation Segmentation by Greenhouses, Mulching, Plastic Tunnels, Shade Nets and Anti-Bird/Hail Nets on the Basis of Area in Hectares, FY'2007-FY'2012
Table 16: India Protected Cultivation Area under Emerging Methods of Greenhouse in Hectares, FY'2011-2012
Table 17: India Protected Area under Greenhouses by High and Low Cost Greenhouses and by Small & Medium Farmers and Other Farmers, FY'2007-FY'2012
Table 18: India Greenhouse Exports by Ready to Assemble type and Other Greenhouses on the Basis of Volume in Thousand (000's) Units, FY'2007-FY'2012
Table 19: India Greenhouse Import by Ready to Assemble Type and Other Greenhouses on the Basis of
Volume in Thousands (000's), FY'2007-FY'2012
Table 20: Characteristics of the Cladding Material used in Greenhouse
Table 21: Average Price of Greenhouse Cladding Material on the basis of Dimensions, Rolls per Hectare in Numbers and Average Price Range per Square Meter, FY'2012
Table 22: Importance of the Climatic Factors for Influencing Plant Growth
Table 23: Life Span of Covering Materials Used in Greenhouse
Table 24: Suggested Crop Cycle under Greenhouse in India on the Basis of Transplantation and Harvesting
Table 25: Climatic Requirements for Crops in Greenhouses
Table 26: Cost of Cultivation of Crops Grown in Greenhouse per Square Meter in INR
Table 27: Raw Materials Required for the Installation of the Greenhouse with Fan and Pad Cooling System
Table 29: Area under Emerging Shade Net Structures in India in Hectares, FY'2011-FY'2012
Table 30: Suggested Crop Cultivation as per the Use of Percentage of the Shade Nets in India
Table 31: Type of Shade Nets by Colors and by Use
Table 32: Shade Nets Roll Dimensions Length and Width in Meters, and Area Covered by a Single Roll in sqm, FY'2012
Table 33: Average Dimensions of the Shade Nets Used in India, FY'2012
Table 34: Competitive Landscape of the Leading Players/Manufacturers of Shade Nets in India, FY'2012
Table 35: Average Installation Price (INR) of Plastic Tunnels per Hectare, FY'2012
Table 36: Yield Output of the Crops under Plastic Mulch Depending Upon the Mulch Film Thickness, FY'2012
Table 37: Recommended Thickness of Mulch Films for different Crops
Table 39: Roll Dimensions of Mulch Mats in Meters in India and Average Price in INR, FY'2012
Table 40: Mulch Film Requirement by Area Coverage and Weight
Table 41: India Mulching Segmentation by Biodegradable and Non-Biodegradable Mulches on the Basis of Area in Hectares and Percentage, FY'2012
Table 42: Mulching Segmentation by Woven, Non-Woven and Plastic Mulches by Area and Percentage, FY'2012
Table 43: Advantages of Using Colored Mulch Films
Table 44: Extent of Surface to be covered under the Mulch Film
Table 45: Competitive Landscape of Leading Manufacturers of Mulch in India, FY'2012
Table 46: India Anti-Bird/Hail Nets Market Size on the Basis of Cumulative Area in Hectares and Market Size in INR Million, FY'2011-FY'2012
Table 45: Estimated Year on Year Market Size of Anti-Bird and Anti- Hail Nets in India in INR Million, FY'2013-FY'2017
Table 46: Subsidy Scheme for Protected Cultivation as per National Horticulture Mission (NHM)
Table 47: Subsidy Schemes as per National Horticulture Board, 2011
Table 48: Subsidy Schemes as per the Horticulture Mission for North East and Himalayan States (HMNEH)
Table 49: Events Organized by Technology Mission for Technical Textile (TMTT) under Ministry of Textiles, India in FY 2012
Table 50: Events Organized by the National Horticulture Mission (NHM) and National Horticulture Board (NHB) for Protected Cultivation in FY'2012-FY'2013
Table 51: Krishi Vikas Kendra Sponsored by ICAR in India, FY'2012
Table 52: Spice Parks in India by Location
Table 53: Public and Private Sector Investment in Nurseries in India, FY'2007-FY'2012
Table 54: SWOT Analysis of the Protected Cultivation in India
Table 55: Dealers and Suppliers for Shade nets, Greenhouses and Plastic Mulches in India
Table 56: Cause and Effect Relationship between the Protected Cultivation in India and the Independent Factors
Table 57: Correlation Matrix of the Protected Cultivation in India
Table 58: Regression Coefficients Output for the Protected Cultivation in India

Ordering:
Order Online - http://www.researchandmarkets.com/reports/2388030/
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: India Protected Cultivation Industry Outlook to 2017 - Government Initiatives Paving the Way for Future Growth
Web Address: http://www.researchandmarkets.com/reports/2388030/
Office Code: SCD232HK

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

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Product</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Electronic (PDF)</td>
<td>USD 1050</td>
</tr>
<tr>
<td></td>
<td>- Single User</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hard Copy</td>
<td>USD 1300 + USD 57 Shipping/Handling</td>
</tr>
<tr>
<td></td>
<td>Electronic (PDF)</td>
<td>USD 1870</td>
</tr>
<tr>
<td></td>
<td>- Enterprisewide</td>
<td></td>
</tr>
</tbody>
</table>

* Shipping/Handling is only charged once per order.

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