

Commercial Greenhouse Market Report by Type (Free-standing Greenhouses, Gutter-connected Greenhouses), Material Used (Glass Green House, Plastic Green House), Technology (Heating System, Cooling System, and Others), Crop (Fruits and Vegetables, Flowers and Ornamentals, Nursery Crops, and Others), and Region 2024-2032

<https://marketpublishers.com/r/C18555E42D18EN.html>

Date: March 2024

Pages: 146

Price: US\$ 3,899.00 (Single User License)

ID: C18555E42D18EN

Abstracts

The global commercial greenhouse market size reached US\$ 35.2 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 75.8 Billion by 2032, exhibiting a growth rate (CAGR) of 8.6% during 2024-2032. The market is growing rapidly driven by the increasing demand for food production across the globe, rapid technological advancements, introduction of various government initiatives and funding, rising concerns about food security, and rapid urbanization and the decline of arable land.

Commercial Greenhouse Market Analysis:

Market Growth and Size: The market is witnessing stable growth driven by increasing global demand for food, advancements in greenhouse technology, rising population and urbanization, and growing need for sustainable and efficient food production.

Major Market Drivers: Key drivers influencing the market growth include the rising global population, leading to increased food demand, and heightened awareness about food security. Additionally, rapid technological innovations and government initiatives supporting sustainable agriculture practices are also contributing to the market growth.

Technological Advancements: Recent innovations in automation, climate control, and energy-efficient systems, such as light-emitting diode (LED) lighting are revolutionizing greenhouse farming. Furthermore, the integration of the Internet of Things (IoT),

artificial intelligence (AI), and hydroponic systems is supporting the market growth.

Industry Applications: The market is experiencing high demand for commercial greenhouses for growing fruits, vegetables, flowers, and ornamentals, as well as for nursery crops. Their application spans from small-scale local farming to large-scale commercial agriculture and research facilities.

Key Market Trends: The key market trends involve the increasing adoption of sustainable and organic farming practices within greenhouses. Additionally, the growing emphasis on local, year-round production of fresh produce, is bolstering the market growth.

Geographical Trends: Europe leads the market due to its advanced agricultural technologies and strong support for sustainable farming. Other regions are also showing significant growth, fueled by technological adoption and government support.

Competitive Landscape: The market is characterized by the presence of key players focusing on technological innovation, strategic partnerships, and sustainability.

Additionally, they are engaged in mergers and acquisitions, along with collaborative efforts with tech firms and research institutes.

Challenges and Opportunities: The market faces various challenges, such as high initial setup costs, the need for skilled labor, and adapting to diverse climatic conditions.

However, the development of cost-effective, energy-efficient greenhouse solutions and rapid expansion into emerging markets is acting as a growth-inducing factor.

Commercial Greenhouse Market Trends:

The increasing demand for food production across the globe

The escalating global population, which intensifies the demand for food production, especially in regions with limited arable land and adverse climatic conditions, is propelling the market growth. Commercial greenhouses present an effective solution by enabling controlled, year-round cultivation, irrespective of external weather conditions.

Their ability to produce food consistently addresses not only the quantity but also the quality issues, as greenhouses can produce crops with higher nutritional value.

Additionally, the controlled environment reduces the risk of crop failures due to pests, diseases, and extreme weather, ensuring a more reliable food supply. Moreover, the widespread adoption of commercial greenhouses in urban areas, where land scarcity is acute and the demand for fresh produce is high, is driving the market growth.

Recent technological developments

The integration of cutting-edge technologies is a pivotal factor driving the commercial

greenhouse market growth. Advancements, such as precision agriculture, automated climate control systems, and energy-efficient light-emitting diode (LED) grow lights have revolutionized greenhouse farming. They enable optimal plant growth conditions, enhancing crop yields and quality while reducing labor and resource costs. Furthermore, automated systems allow for precise control of temperature, humidity, light, and CO₂ levels, creating an ideal environment for plant growth. Besides this, the adoption of hydroponic, aeroponic, and aquaponic systems to improve efficiency by reducing the need for soil and large water supplies is positively influencing the market growth. Additionally, the implementation of the Internet of Things (IoT) and artificial intelligence (AI) in greenhouses to facilitate real-time monitoring and data analysis is supporting the market growth.

Introduction of various government initiatives and funding

Governments across the globe are recognizing the potential of greenhouse farming in enhancing food security and promoting sustainable agriculture. They are offering incentives, subsidies, and grants to encourage the adoption of greenhouse technology, which lowers the initial investment barrier for new entrants and enables existing players to upgrade their facilities with advanced technologies. Furthermore, the introduction of various government initiatives focusing on research and development (R&D) to foster innovation and technological advancements is contributing to the market growth. Additionally, the implementation of policies and programs aimed at educating farmers about the benefits of greenhouse farming and providing technical support are driving the market growth.

Rising concerns about food security

Food security concerns, exacerbated by climate change, population growth, and resource depletion, are propelling the market growth. Traditional agriculture is increasingly vulnerable to unpredictable weather patterns, droughts, floods, and other climatic changes, leading to unstable food production. Commercial greenhouses offer a viable alternative by providing a controlled environment that is less reliant on external weather conditions. They not only ensure consistent and reliable food production but also allow for crop diversification, including the cultivation of non-native or off-season crops. Furthermore, greenhouses can be established in regions with harsh climates or poor soil quality, where traditional farming is not feasible, which aids in addressing global food security challenges.

Rapid urbanization and the decline of arable land

Urbanization and the consequent decline in arable land are significant factors boosting the market growth. In line with this, commercial greenhouses offer a solution by enabling agriculture in non-traditional areas, including urban and peri-urban environments. They can be constructed on rooftops, vacant lots, and even inside buildings, utilizing otherwise unused spaces for food production. Commercial greenhouses not only address the issue of land scarcity but also reduce the carbon footprint associated with transporting food from rural to urban areas. Moreover, they cater directly to the local market, ensuring fresh produce and reducing food miles. Besides this, they also play a role in urban sustainability, contributing to green spaces and potentially integrating with other urban sustainability initiatives like waste recycling and water conservation.

Commercial Greenhouse Industry Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the market, along with forecasts at the global, and regional levels for 2024-2032. Our report has categorized the market based on type, material used, technology, and crop.

Breakup by Type:

Free-standing Greenhouses

Gutter-connected Greenhouses

Free-standing greenhouses accounts for the majority of the market share

The report has provided a detailed breakup and analysis of the market based on the type. This includes free-standing greenhouses and gutter-connected greenhouses. According to the report, free-standing greenhouses represented the largest segment.

Free-standing greenhouses hold the largest market share, as they offer significant advantages that contribute to their popularity. Their structure is comprised of individual units that stand alone, making them highly versatile and adaptable to various locations and scales of production. Additionally, free-standing greenhouses offer flexibility in terms of size and design, allowing them to be tailored to the specific needs and constraints of different growers, from small-scale local farmers to educational institutions. Besides this, they are often more cost-effective in terms of initial investment and setup, as they typically require less infrastructure.

Gutter-connected greenhouses consist of multiple bays or sections connected by

common gutters, forming a large, unified structure. This design is particularly advantageous for large-scale commercial operations due to its efficient use of space and the ability to create a uniform environment across a vast area. Additionally, gutter-connected greenhouses offer economies of scale, making them more cost-effective for large operations in terms of both construction and operational costs.

Breakup by Material Used:

- Glass Green House
- Horticulture Glass
- Others Greenhouse Glass
- Plastic Green House
- Polyethylene
- Polycarbonate
- Polymethyl Methacrylate (PMMA)

Glass green house holds the largest share in the industry

A detailed breakup and analysis of the market based on the material used have also been provided in the report. This includes glass green house (horticulture glass and others greenhouse glass) and plastic green house (polyethylene, polycarbonate, and polymethyl methacrylate (PMMA)). According to the report, glass green house accounted for the largest market share.

Glass greenhouses represent the largest market segment due to their durability and optimal light transmission properties. The use of glass as a primary material offers several advantages, including a high degree of transparency, which ensures maximum natural sunlight penetration, essential for plant growth. Additionally, glass is also known for its long lifespan and resistance to weather conditions, making it a sustainable and cost-effective choice in the long term. Furthermore, glass greenhouses can provide a more aesthetically pleasing appearance, which is advantageous for garden centers and educational institutions where visual appeal is important.

Plastic greenhouses offer advantages in terms of cost-effectiveness, flexibility, and energy efficiency. They typically use materials like polyethylene, polycarbonate, or acrylic, which are less expensive than glass and easier to install, making them a popular choice for small-scale growers and hobbyists. Additionally, the lightweight nature of plastic makes these greenhouses easier to construct and modify, providing flexibility in terms of design and scalability.

Breakup by Technology:

- Heating System
- Cooling System
- Others

Heating system represents the leading market segment

The report has provided a detailed breakup and analysis of the market based on the technology. This includes heating system, cooling system, and others. According to the report, heating system represented the largest segment.

The heating system holds the largest market share, as it plays a crucial role in maintaining optimal growth conditions. It is essential for extending the growing season, especially in colder climates, by providing a stable and controlled environment for a wide range of crops. Additionally, the easy availability of a variety of heating systems, including boilers, radiant heaters, and forced-air heaters, which allow for customization based on the specific needs of different greenhouse operations, is supporting the market growth. Furthermore, the introduction of advanced heating systems that incorporate energy-efficient and sustainable technologies, such as geothermal heating and biomass fuels, is favoring the market growth.

Cooling systems are essential for maintaining suitable temperatures during warmer periods. They are particularly important in regions with hot climates, where excessive heat can stress plants, leading to reduced yields and quality. Cooling systems work by either blocking excessive sunlight, reducing indoor temperatures through the evaporation of water, or facilitating air exchange to remove excess heat.

Breakup by Crop:

- Fruits and Vegetables
- Flowers and Ornamentals
- Nursery Crops
- Others

Fruits and vegetables exhibit a clear dominance in the market

A detailed breakup and analysis of the market based on the crop have also been

provided in the report. This includes fruits and vegetables, flowers and ornamentals, nursery crops, and others. According to the report, fruits and vegetables accounted for the largest market share.

The fruits and vegetables segment holds the largest market share, driven by the increasing demand for fresh, locally-grown produce. This segment benefits significantly from the controlled environment of greenhouses, which allows for year-round cultivation, irrespective of external weather conditions. Greenhouses provide the optimal conditions necessary for growing a wide variety of fruits and vegetables, including tomatoes, cucumbers, peppers, leafy greens, and berries. Additionally, the controlled environment not only ensures consistent quality and higher yields but also allows for the production of off-season crops, thereby increasing their availability and market value.

The flowers and ornamentals segment caters to the aesthetic and decorative demands of consumers and has a substantial impact on the market. Greenhouses provide an ideal environment for the cultivation of various flowers and ornamental plants, including roses, tulips, chrysanthemums, and potted plants. The ability to control growing conditions is crucial for these crops, as it ensures the production of high-quality flowers with vibrant colors, longer shelf life, and consistent appearance.

The nursery crops segment encompasses the cultivation of young plants, trees, and shrubs. It primarily serves the landscaping, gardening, and reforestation industries. Greenhouses provide a controlled environment that is ideal for propagating and nurturing young plants until they are ready for transplanting. This controlled setting is particularly beneficial for delicate and high-value plants that require specific conditions for optimal growth.

Breakup by Region:

North America

Europe

Asia- Pacific

Latin America

Middle East and Africa

Europe leads the market, accounting for the largest commercial greenhouse market share

The market research report has also provided a comprehensive analysis of all the major

regional markets, which include North America, Europe, Asia Pacific, Latin America, and the Middle East and Africa. According to the report, Europe accounted for the largest market share.

Europe holds the largest market share due to several factors, including advanced agricultural technologies, strong government support, and a high level of consumer demand for greenhouse-grown produce. Furthermore, the presence of a well-established infrastructure for greenhouse farming in the region, combined with a strong focus on research and development (R&D) in agricultural technology, is positively influencing the market growth. Additionally, the imposition of favorable policies by regional governments supporting sustainable agriculture practices is catalyzing the market growth. Besides this, the growing demand for fresh, locally-grown produce throughout the year in European markets is acting as another growth-inducing factor.

The commercial greenhouse market in North America is driven by a growing demand for year-round fresh produce and an increasing emphasis on sustainable farming practices. Additionally, the region has witnessed a rise in technological adoption in agriculture, including advanced greenhouse automation and control systems, which is contributing to the market growth.

The Asia Pacific region is experiencing rapid growth in the commercial greenhouse market, largely due to increasing population, urbanization, and rising income levels. Furthermore, the presence of diverse climatic conditions in the region, which present several opportunities for greenhouse farming, is bolstering the market growth. Additionally, the heightened focus on agricultural technology and innovation in the agriculture sector, is supporting the market growth.

Latin America's commercial greenhouse market is expanding, driven by the need to enhance food production and quality in the face of changing climatic conditions. Additionally, the region's favorable climate for year-round cultivation, along with its growing expertise in greenhouse farming, is contributing to the market growth. Besides this, the growing demand for organic and sustainably grown produce among consumers is acting as another growth-inducing factor.

The Middle East and Africa region is emerging as a significant market for commercial greenhouses, particularly driven by the necessity to overcome challenges, such as water scarcity, limited arable land, and extreme climatic conditions. Additionally, the increasing investment in greenhouse technologies as a solution to arid climates and to achieve food self-sufficiency is driving the market growth.

Leading Key Players in the Commercial Greenhouse Industry:

The leading players are actively engaged in various strategic initiatives to strengthen their market position and address the evolving needs of the industry. They are focusing on technological innovation and research and development (R&D) to enhance the efficiency and productivity of greenhouses. Furthermore, several companies are expanding their product portfolios to include diverse types of greenhouses and accessories tailored to different climatic conditions and crop requirements. In addition to this, they are forming strategic partnerships and collaborations with technology providers, research institutions, and local governments to develop and implement cutting-edge agricultural technologies and practices.

The market research report has provided a comprehensive analysis of the competitive landscape. Detailed profiles of all major companies have also been provided. Some of the key players in the market include:

RICHEL Group
Certhon Build B.V.
Argus Control Systems Limited
LOGIQS B.V.
LumiGrow Inc.
Keder Greenhouse
Agra Tech Inc
Hort Americas
Heliospectra AB

(Please note that this is only a partial list of the key players, and the complete list is provided in the report.)

Latest News:

In August 2023, Certhon Build B.V. acquired DENSO to accelerate the global expansion of its agricultural production business.

In May 2021, Heliospectra AB, a leader in intelligent lighting technology for greenhouse, partnered with Harahara Inc. to expand its market in Japan.

In September 2021, RICHEL group signed a \$150 million partnership with Pure Harvest to deploy its smart growing systems across the Middle East and Asia.

Key Questions Answered in This Report

1. What was the size of the global commercial greenhouse market in 2023?
2. What is the expected growth rate of the global commercial greenhouse market during 2024-2032?
3. What has been the impact of COVID-19 on the global commercial greenhouse market?
4. What are the key factors driving the global commercial greenhouse market?
5. What is the breakup of the global commercial greenhouse market based on the type?
6. What is the breakup of the global commercial greenhouse market based on the material used?
7. What is the breakup of the global commercial greenhouse market based on the technology?
8. What is the breakup of the global commercial greenhouse market based on the crop?
9. What are the key regions in the global commercial greenhouse market?
10. Who are the key players/companies in the global commercial greenhouse market?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL COMMERCIAL GREENHOUSE MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Breakup by Type
- 5.5 Market Breakup by Material Used
- 5.6 Market Breakup by Technology
- 5.7 Market Breakup by Crop
- 5.8 Market Breakup by Region
- 5.9 Market Forecast
- 5.10 SWOT Analysis
 - 5.10.1 Overview
 - 5.10.2 Strengths
 - 5.10.3 Weaknesses
 - 5.10.4 Opportunities

- 5.10.5 Threats
- 5.11 Value Chain Analysis
- 5.12 Porters Five Forces Analysis
 - 5.12.1 Overview
 - 5.12.2 Bargaining Power of Buyers
 - 5.12.3 Bargaining Power of Suppliers
 - 5.12.4 Degree of Competition
 - 5.12.5 Threat of New Entrants
 - 5.12.6 Threat of Substitutes
- 5.13 Key Success and Risk Factors

6 MARKET BREAKUP BY TYPE

- 6.1 Free-standing Greenhouses
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Gutter-connected Greenhouses
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast

7 MARKET BREAKUP BY MATERIAL USED

- 7.1 Glass Green House
 - 7.1.1 Market Trends
 - 7.1.2 Market Breakup by Type
 - 7.1.2.1 Horticulture Glass
 - 7.1.2.1.1 Market Trends
 - 7.1.2.1.2 Market Forecast
 - 7.1.2.2 Others Greenhouse Glass
 - 7.1.2.2.1 Market Trends
 - 7.1.2.2.2 Market Forecast
 - 7.1.3 Market Forecast
- 7.2 Plastic Green House
 - 7.2.1 Market Trends
 - 7.2.2 Market Breakup by Type
 - 7.2.2.1 Polyethylene
 - 7.2.2.1.1 Market Trends
 - 7.2.2.1.2 Market Forecast
 - 7.2.2.2 Polycarbonate

- 7.2.2.2.1 Market Trends
- 7.2.2.2.2 Market Forecast
- 7.2.2.3 Polymethyl Methacrylate (PMMA)
 - 7.2.2.3.1 Market Trends
 - 7.2.2.3.2 Market Forecast
- 7.2.3 Market Forecast

8 MARKET BREAKUP BY TECHNOLOGY

- 8.1 Heating System
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Cooling System
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Others
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast

9 MARKET BREAKUP BY CROP

- 9.1 Fruits and Vegetables
 - 9.1.1 Market Trends
 - 9.1.2 Market Forecast
- 9.2 Flowers and Ornamentals
 - 9.2.1 Market Trends
 - 9.2.2 Market Forecast
- 9.3 Nursery Crops
 - 9.3.1 Market Trends
 - 9.3.2 Market Forecast
- 9.4 Others
 - 9.4.1 Market Trends
 - 9.4.2 Market Forecast

10 MARKET BREAKUP BY REGION

- 10.1 North America
 - 10.1.1 Market Trends
 - 10.1.2 Market Forecast

10.2 Europe

10.2.1 Market Trends

10.2.2 Market Forecast

10.3 Asia- Pacific

10.3.1 Market Trends

10.3.2 Market Forecast

10.4 Latin America

10.4.1 Market Trends

10.4.2 Market Forecast

10.5 Middle East and Africa

10.5.1 Market Trends

10.5.2 Market Forecast

11 COMPETITIVE LANDSCAPE

11.1 Market Structure

11.2 Key Players

11.3 Profiles of Key Players

11.3.1 RICHEL Group

11.3.2 Certhon Build B.V.

11.3.3 Argus Control Systems Limited

11.3.4 LOGIQS B.V.

11.3.5 LumiGrow Inc.

11.3.6 Keder Greenhouse

11.3.7 Agra Tech Inc

11.3.8 Hort Americas

11.3.9 Heliospectra AB

List Of Tables

LIST OF TABLES

Table 1: Global: Commercial Greenhouse Market: Key Industry Highlights, 2023 and 2032

Table 2: Global: Commercial Greenhouse Market Forecast: Breakup by Type (in Billion US\$), 2024-2032

Table 3: Global: Commercial Greenhouse Market Forecast: Breakup by Material Used (in Billion US\$), 2024-2032

Table 4: Global: Commercial Greenhouse Market Forecast: Breakup by Technology (in Billion US\$), 2024-2032

Table 5: Global: Commercial Greenhouse Market Forecast: Breakup by Crop (in Billion US\$), 2024-2032

Table 6: Global: Commercial Greenhouse Market Forecast: Breakup by Region (in Billion US\$), 2024-2032

Table 7: Global: Commercial Greenhouse Market Structure

Table 8: Global: Commercial Greenhouse Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Commercial Greenhouse Market: Major Drivers and Challenges

Figure 2: Global: Commercial Greenhouse Market: Value Trends (in Billion US\$), 2018-2023

Figure 3: Global: Commercial Greenhouse Market: Breakup by Type (in %), 2023

Figure 4: Global: Commercial Greenhouse Market: Breakup by Material Used (in %), 2023

Figure 5: Global: Commercial Greenhouse Market: Breakup by Technology (in %), 2023

Figure 6: Global: Commercial Greenhouse Market: Breakup by Crop (in %), 2023

Figure 7: Global: Commercial Greenhouse Market: Breakup by Region (in %), 2023

Figure 8: Global: Commercial Greenhouse Market Forecast: Value Trends (in Billion US\$), 2024-2032

Figure 9: Global: Commercial Greenhouse Industry: SWOT Analysis

Figure 10: Global: Commercial Greenhouse Industry: Value Chain Analysis

Figure 11: Global: Commercial Greenhouse Industry: Porter's Five Forces Analysis

Figure 12: Global: Commercial Greenhouse Market (Free-standing Greenhouses): Value Trends (in Billion US\$), 2018 & 2023

Figure 13: Global: Commercial Greenhouse Market Forecast (Free-standing Greenhouses): Value Trends (in Billion US\$), 2024-2032

Figure 14: Global: Commercial Greenhouse Market (Gutter-connected Greenhouses): Value Trends (in Billion US\$), 2018 & 2023

Figure 15: Global: Commercial Greenhouse Market Forecast (Gutter-connected Greenhouses): Value Trends (in Billion US\$), 2024-2032

Figure 16: Global: Commercial Greenhouse Market (Glass Green House): Value Trends (in Billion US\$), 2018 & 2023

Figure 17: Global: Glass Green House Market (Horticulture Glass): Value Trends (in Billion US\$), 2018 & 2023

Figure 18: Global: Glass Green House Market Forecast (Horticulture Glass): Value Trends (in Billion US\$), 2024-2032

Figure 19: Global: Glass Green House Market (Others Greenhouse Glass): Value Trends (in Billion US\$), 2018 & 2023

Figure 20: Global: Glass Green House Market Forecast (Others Greenhouse Glass): Value Trends (in Billion US\$), 2024-2032

Figure 21: Global: Commercial Greenhouse Market Forecast (Glass Green House): Value Trends (in Billion US\$), 2024-2032

Figure 22: Global: Commercial Greenhouse Market (Plastic Green House): Value

Trends (in Billion US\$), 2018 & 2023

Figure 23: Global: Plastic Green House Market (Polyethylene): Value Trends (in Billion US\$), 2018 & 2023

Figure 24: Global: Plastic Green House Market Forecast (Polyethylene): Value Trends (in Billion US\$), 2024-2032

Figure 25: Global: Plastic Green House Market (Polycarbonate): Value Trends (in Billion US\$), 2018 & 2023

Figure 26: Global: Plastic Green House Market Forecast (Polycarbonate): Value Trends (in Billion US\$), 2024-2032

Figure 27: Global: Plastic Green House Market (Polymethyl Methacrylate-PMMA): Value Trends (in Billion US\$), 2018 & 2023

Figure 28: Global: Plastic Green House Market Forecast (Polymethyl Methacrylate-PMMA): Value Trends (in Billion US\$), 2024-2032

Figure 29: Global: Commercial Greenhouse Market Forecast (Plastic Green House): Value Trends (in Billion US\$), 2024-2032

Figure 30: Global: Commercial Greenhouse Market (Heating System): Value Trends (in Billion US\$), 2018 & 2023

Figure 31: Global: Commercial Greenhouse Market Forecast (Heating System): Value Trends (in Billion US\$), 2024-2032

Figure 32: Global: Commercial Greenhouse Market (Cooling System): Value Trends (in Billion US\$), 2018 & 2023

Figure 33: Global: Commercial Greenhouse Market Forecast (Cooling System): Value Trends (in Billion US\$), 2024-2032

Figure 34: Global: Commercial Greenhouse Market (Others): Value Trends (in Billion US\$), 2018 & 2023

Figure 35: Global: Commercial Greenhouse Market Forecast (Others): Value Trends (in Billion US\$), 2024-2032

Figure 36: Global: Commercial Greenhouse Market (Fruits and Vegetables): Value Trends (in Billion US\$), 2018 & 2023

Figure 37: Global: Commercial Greenhouse Market Forecast (Fruits and Vegetables): Value Trends (in Billion US\$), 2024-2032

Figure 38: Global: Commercial Greenhouse Market (Flowers and Ornamentals): Value Trends (in Billion US\$), 2018 & 2023

Figure 39: Global: Commercial Greenhouse Market Forecast (Flowers and Ornamentals): Value Trends (in Billion US\$), 2024-2032

Figure 40: Global: Commercial Greenhouse Market (Nursery Crops): Value Trends (in Billion US\$), 2018 & 2023

Figure 41: Global: Commercial Greenhouse Market Forecast (Nursery Crops): Value Trends (in Billion US\$), 2024-2032

Figure 42: Global: Commercial Greenhouse Market (Others): Value Trends (in Billion US\$), 2018 & 2023

Figure 43: Global: Commercial Greenhouse Market Forecast (Others): Value Trends (in Billion US\$), 2024-2032

Figure 44: North America: Commercial Greenhouse Market: Value Trends (in Billion US\$), 2018 & 2023

Figure 45: North America: Commercial Greenhouse Market Forecast: Value Trends (in Billion US\$), 2024-2032

Figure 46: Europe: Commercial Greenhouse Market: Value Trends (in Billion US\$), 2018 & 2023

Figure 47: Europe: Commercial Greenhouse Market Forecast: Value Trends (in Billion US\$), 2024-2032

Figure 48: Asia- Pacific: Commercial Greenhouse Market: Value Trends (in Billion US\$), 2018 & 2023

Figure 49: Asia- Pacific: Commercial Greenhouse Market Forecast: Value Trends (in Billion US\$), 2024-2032

Figure 50: Latin America: Commercial Greenhouse Market: Value Trends (in Billion US\$), 2018 & 2023

Figure 51: Latin America: Commercial Greenhouse Market Forecast: Value Trends (in Billion US\$), 2024-2032

Figure 52: Middle East and Africa: Commercial Greenhouse Market: Value Trends (in Billion US\$), 2018 & 2023

Figure 53: Middle East and Africa: Commercial Greenhouse Market Forecast: Value Trends (in Billion US\$), 2024-2032

I would like to order

Product name: Commercial Greenhouse Market Report by Type (Free-standing Greenhouses, Gutter-connected Greenhouses), Material Used (Glass Green House, Plastic Green House), Technology (Heating System, Cooling System, and Others), Crop (Fruits and Vegetables, Flowers and Ornamentals, Nursery Crops, and Others), and Region 2024-2032

Product link: <https://marketpublishers.com/r/C18555E42D18EN.html>

Price: US\$ 3,899.00 (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 <https://marketpublishers.com/r/C18555E42D18EN.html>

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**

Customer signature _____

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

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