

Commercial Greenhouse Market by Type (Glass Greenhouse, Plastic Greenhouse), Crop Type (Fruits, Vegetables, Flowers & Ornamentals, Nursery Crops), Equipment (Hardware, Software & Services) and Region - Global Forecast to 2028

https://marketpublishers.com/r/C543F39C7DEEN.html

Date: August 2023 Pages: 309 Price: US\$ 4,950.00 (Single User License) ID: C543F39C7DEEN

Abstracts

According to MarketsandMarkets, the commercial greenhouse market is projected to reach USD 68.7 billion by 2028 from an estimated USD 39.6 billion in 2023, at a CAGR of 11.6% during the forecast period in terms of value. The commercial greenhouse market is experiencing rapid expansion driven by a convergence of critical factors. Increasing environmental awareness and sustainable farming practices are steering consumers and producers toward controlled environment agriculture, such as commercial greenhouse farming practices. Technological advancements further fuel the growth, offering automation, climate control, and data-driven cultivation for optimized yields. As the world grapples with food security and climate concerns, the commercial greenhouse market stands as a beacon of innovative, sustainable, and high-yield agriculture, poised for continued expansion.

'By type segment, the plastic greenhouse segment is projected to have a high growth rate during the forecast period.'

The plastic greenhouse offers cost-effectiveness as compared to the glass greenhouse, due to which the growth rate of the plastic one is projected to be higher than the glass. There are also other factors driving the demand for the plastic greenhouse that includes more durability, better insulation, better UV protection, and others. Moreover, plastic panels used in greenhouses are lighter and less fragile than glass, making transportation and installation easier and less risky. These are some of the factors that are anticipated to boost the demand for plastic greenhouses.



'By equipment segment, software, and services segment will exhibit high growth rate during the forecast period."

The high growth rate of software and services in the commercial greenhouse market can be attributed to its pivotal role in enhancing efficiency, productivity, and sustainability within modern greenhouse operations. As the industry continues to embrace technology, software solutions and related services are poised to remain at the forefront of market expansion. It is becoming more and more important for greenhouse operations to incorporate technology to maximize productivity, resource management, and crop quality. Software solutions give growers the monitoring, data analysis, and automation tools they need to manage their businesses more effectively.

'By crop type, vegetables are projected to have the highest demand during the forecast period."

Consumers are increasingly seeking fresh, domestically grown vegetables that are free from harmful chemicals. Greenhouse-grown vegetables meet these preferences by providing a transparent supply chain and reducing the need for long transportation routes. Moreover, the vegetable segment encompasses a wide range of crop varieties, from staple vegetables to specialty and exotic varieties. Greenhouses allow for the cultivation of a diverse array of crops, catering to changing consumer tastes and preferences.

"North America to have the highest market growth rate during the forecast period."

Due to a number of factors influencing demand and innovation, the commercial greenhouse market in North America is expanding significantly. Increased customer demand for locally sourced and sustainably farmed goods, along with the region's growing population, has sparked an increase in interest in controlled environment agriculture. Moreover, advancements in greenhouse technology, such as energy-efficient climate control systems, automation, and data analytics, are driving operational efficiency and yield optimization. The North American market's embrace of technology, coupled with a strong focus on food security, environmental responsibility, and fresh produce accessibility, positions the region as a pivotal player in the global commercial greenhouse industry's growth trajectory.

The break-up of Primaries:



By Value Chain Side: Demand Side-41%, Supply Side-59%

By Designation: CXOs-31%, Manager-24%, and Executives - 45%

By Region: North America - 24%, Europe - 29%, Asia Pacific – 32%, RoW – 15%

Leading players profiled in this report:

Berry Global Group, Inc (US)

Signify Holding (Netherlands)

Heliospectra AB (Sweden)

PLASTIKA KRITIS S.A. (Greece)

EVERLIGHT ELECTRONICS CO., LTD (Taiwan)

Prospiant (US)

RICHEL GROUP (France)

Argus Control Systems Limited (Canada)

Certhon (Netherlands)

LOGIQS.B.V. (Netherlands)

Lumigrow, Inc (Canada)

Agra Tech, Inc (US)

Hort Americas (US)

Top Greenhouses (Israel)

Stuppy Greenhouse (US).



The study includes an in-depth competitive analysis of these key players in the commercial greenhouse market with their company profiles, recent developments, and key market strategies.

Research Coverage:

The report segments the commercial greenhouse market by type, equipment, crop type, and by region. In terms of insights, this report has focused on various levels of analyses—the competitive landscape, end-use analysis, and company profiles, which together comprise and discuss views on the emerging & high-growth segments of the global commercial greenhouse market, high-growth regions, countries, government initiatives, drivers, restraints, opportunities, and challenges.

Reasons to buy this report:

The report will help the market leaders/new entrants in this market with information on the closest approximations of the revenue numbers for the overall commercial greenhouse market and the subsegments. This report will help stakeholders understand the competitive landscape and gain more insights to position their businesses better and plan suitable go-to-market strategies. The report also helps stakeholders understand the pulse of the market and provides them with information on key market drivers, restraints, challenges, and opportunities.

The report provides insights on the following pointers:

Analysis of key drivers (Growing demand for food and climate change challenges), restraints (Deployment of expensive systems in commercial greenhouses), opportunities (Increase in demand for floriculture and ornamental horticulture applications), and challenges (Lack of temperature control systems to maintain optimum crop production conditions in warm regions) influencing the growth of the commercial greenhouse market.

Product Development/production: Detailed insights on research & development activities and new product & service launches in the commercial greenhouse market.

Market Development: Comprehensive information about lucrative markets – the report analyses the commercial greenhouse market across varied regions.



Market Diversification: Exhaustive information about new services, untapped geographies, recent developments, and investments in the commercial greenhouse market.

Competitive Assessment: In-depth assessment of market shares, growth strategies, and service offerings of leading players include Berry Global Group, Inc (US), Signify Holding (Netherlands), Heliospectra AB (Sweden), PLASTIKA KRITIS S.A. (Greece), EVERLIGHT ELECTRONICS CO., LTD (Taiwan), Prospiant (US), are among others in the commercial greenhouse market strategies. The report also helps stakeholders understand the commercial greenhouse service market and provides them with information on key market drivers, restraints, challenges, and opportunities.



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