

Greenhouse Horticulture Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

<https://marketpublishers.com/r/G1C1E1A50EE7EN.html>

Date: January 2023

Pages: 143

Price: US\$ 2,499.00 (Single User License)

ID: G1C1E1A50EE7EN

Abstracts

The global greenhouse horticulture market size reached US\$ 28.3 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 48.3 Billion by 2028, exhibiting a growth rate (CAGR) of 9.2% during 2023-2028.

Greenhouse horticulture refers to an agriculture system that assists in the production of crops within a transparent structure to provide a customized growth environment to the plants. It relies on high inputs of the growers to offer modified growing conditions and protect plants from pests, diseases, and unfavorable weather conditions efficiently. It also enables the production of off-seasoned crops all around the year by providing specific climatic conditions required for yielding quality crops in huge quantities.

Greenhouse Horticulture Market Trends:

The increasing global population is leading to the rising need for adequate crop production. This represents one of the key factors positively influencing the market. In addition, a significant rise in the agriculture industry, along with an enhanced focus on sustainable horticulture practices, is bolstering the market growth. The launch of the Internet of Things (IoT)-enabled lighting systems is also contributing to the market growth as they induce photosynthesis in plants with photoperiodic and supplemental lighting. Besides this, these LED-based solutions can collect data using machine learning (ML) algorithms, which can be remotely monitored and have a longer operational life. Along with this, the rising implementation of favorable government policies in numerous countries to promote the adoption of greenhouse horticulture is offering a favorable market outlook. Additionally, farmers and other horticulture workers use sensor technologies and artificial intelligence (AI)-based solutions to detect diseases and pests in the crop, which, in turn, is supporting the market growth.

Moreover, increasing investments by leading market players in research and development (R&D) activities to enhance the yield and increase productivity are anticipated to propel market growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global greenhouse horticulture market report, along with forecasts at the global, regional and country level from 2023-2028. Our report has categorized the market based on material type, crop type and technology.

Breakup by Material Type:

Glass
Plastic

Plastic represents the largest market segment due to the growing adoption of plastic greenhouse horticulture, as it is convenient and helps maintain the right temperature required for the growth of plants and insulates the plants more proficiently.

Breakup by Crop Type:

Fruits and Vegetables
Flowers and Ornamentals
Nursery Crops
Others

Fruits and vegetables currently account for the majority of the global greenhouse horticulture market share due to the rising demand for off-seasonal fruits and vegetables.

Breakup by Technology:

Heating System
Cooling System
Others

Cooling systems presently dominate the market as they are the most significant pieces of equipment in greenhouse horticulture.

Breakup by Region:

North America

United States

Canada

Asia Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Europe enjoys a leading position in the market due to the rising awareness among individuals about sustainable agriculture.

Competitive Landscape:

The competitive landscape of the market has been analyzed in the report, along with the detailed profiles of the major players operating in the industry. Some of these players are Agra Tech Inc., Argus Control System Ltd., Certhon Build B.V., Dalsem Greenhouse Projects BV, Les Industries Harnois Inc., Heliospectra AB, Hort Americas, LLC, Keder Greenhouse Ltd., Logiqs BV, Lumigrow, Inc., Netafim Ltd., Priva Holding BV, Richel Group, Ridder Holding Harderwijk BV, Rough Brothers Inc., Top Greenhouses Ltd. and Van der Hoeven Horticultural Projects BV.

Key Questions Answered in This Report

1. What was the size of the global greenhouse horticulture market in 2022?
2. What is the expected growth rate of the global greenhouse horticulture market during 2023-2028?
3. What are the key factors driving the global greenhouse horticulture market?
4. What has been the impact of COVID-19 on the global greenhouse horticulture market?
5. What is the breakup of the global greenhouse horticulture market based on the material type?
6. What is the breakup of the global greenhouse horticulture market based on the crop type?
7. What is the breakup of the global greenhouse horticulture market based on the technology?
8. What are the key regions in the global greenhouse horticulture market?
9. Who are the key players/companies in the global greenhouse horticulture market?

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