

Plant Growth Chambers Market by Equipment Type (Reach-in, Walk-in), Application (Short Plants, Tall Plants), End Use (Clinical, Academic), Function (Plant Growth, Environmental Optimization), and Region - Global Forecast to 2022

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Abstracts

“The global plant growth chambers market is projected to grow at a CAGR of 4.0%.”

The global plant growth chambers market is estimated at USD 398.2 million in 2017, and is projected to reach USD 485.6 million by 2022, at a CAGR of 4.0% during the forecast period. One of the primary factors that drive the market is technological advancements in biological engineering. .

Scientists have been improving plants by changing their genetic makeup since the 1800s through crossbreeding and hybridization, and hence have the ability to isolate genes and introduce new desirable traits into the plants. One of the major restraining factors is short purchase cycle.

“The reach-in segment, by equipment type, is projected to grow at the highest CAGR during the forecast period.”

The reach-in segment is projected to grow at the highest CAGR during the forecast period. The equipment is capable of simulating temperature and humidity for environmental testing. Reach-in plant growth chambers are available in various sizes and features, in accordance with the requirements of end-use customers.

“The short plant segment, by application, is projected to grow at the highest CAGR during the forecast period.”

Over the past few years, a dramatic change has been witnessed in the use of plant growth chambers in the plant industry. Several types of plant growth chambers are available which are specifically made for short plants and are smaller in size and height. Short plant chambers are used to maximize the growth area of small plants by incorporating a multi-tier shelf design.

“North America estimated to hold the largest market share in 2017 and Europe projected to grow at the highest CAGR during the forecast period.”

The European region is projected to grow at the highest CAGR from 2017 to 2022. The growing use of plant growth chambers in academic research organizations and pharmaceutical & cosmetic industries is the key factor propelling the demand for plant growth chambers in Europe. Additionally, dry climatic conditions in some of the countries of Europe are some of the other important factors that have been fueling the demand for plant growth chambers in this region.

The North American region is estimated to be the largest market for plant growth chambers, due to declining arable land area, impact of drought conditions, and the growth in the usage of plant growth chambers in academic research as well as pharmaceutical industries.

Break-up of Primaries:

By Company Type: Tier 1: 15%, Tier 2: 30%, Tier 3: 35%, and Tier 4: 20%

By Designation: C-Level: 20%, Director-Level: 20%, and Others: 60%

By Region: North America: 20%, Europe: – 20%, Asia Pacific: 45%, and RoW: 15%

The key players in the plant growth chambers market include the following:

Thermo Fisher (US)

Conviron (Canada)

CARON (US)

Percival Scientific (US)

BINDER (Germany)

Weisstechnik (Germany)

Saveer Biotech (India)

Aralab (Portugal)

Hettich Benelux (Netherlands)

Freezers India (India)

BRS bvba (Belgium)

Darwin Chambers (US)

Research Coverage

The report provides analysis of the plant growth chambers market across different segments. It aims at estimating the market size and future growth potential of this market on the basis of equipment type, application, function, end use, and region. The report also includes an in-depth competitive analysis of the key players in the market along with their company profiles, recent developments, and business strategies.

Key Reasons to buy the Report:

To get an overview of the global plant growth chambers market

From an insight perspective, this research report has focused on detailed analyses—industry, market share of top players, and company profiles

This report also explains high-growth segments of the global plant growth chambers market, its high-growth regions and, drivers, restraints, opportunities, and challenges

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