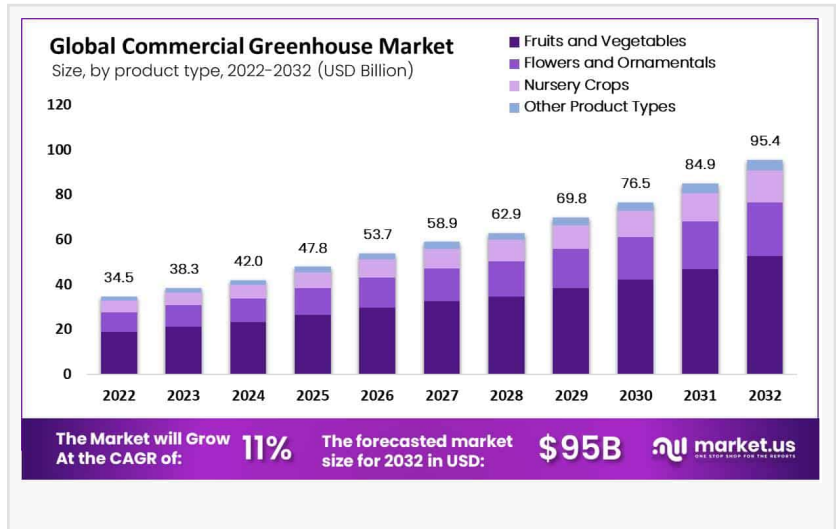


# Commercial Greenhouse Market to Reach USD 95.4 Billion by 2032, Growing at an 11% CAGR from USD 34.5 Billion

commercial greenhouse market was valued at USD 34.5 billion. This market is estimated to reach USD 95.4 billion in 2032 at a CAGR of 11%

NEW YORK, NY, UNITED STATES, January 31, 2025 /EINPresswire.com/ -- Overview:

The [commercial greenhouse market](#) is a critical element in modern agriculture, providing controlled environments for crop cultivation irrespective of weather conditions. In 2022, the market was valued at USD 34.5 billion and is projected to reach USD 95.4 billion by 2032, with a CAGR of 11% from 2023 to 2032. Commercial greenhouses offer several advantages including enhanced plant



growth conditions like optimal temperature, humidity, and light, leading to higher and healthier yields. They are instrumental in meeting the growing global demand for fresh produce, encompassing fruits, vegetables, and ornamentals. Furthermore, technological advancements such as IoT and AI have significantly optimized greenhouse operations, increasing productivity and driving sustainability in agriculture. The market segmentation includes types (glass and plastic) and product types like fruits and vegetables, which dominate the market with a 55% share.

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Europe Europe is the most lucrative market, with a 33% market share, driven by advanced greenhouse techniques and high demand for fruits and vegetables.

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Tajammul Pangarkar

## Key Takeaways

- Market Growth and Size: The global commercial greenhouse market was valued at USD 34.5 billion in 2022, and it is projected to reach USD 95.4 billion by 2032, exhibiting a Compound

Annual Growth Rate (CAGR) of 11% between 2023 and 2032.

- **Segment Analysis: Plastic Greenhouses** The plastic segment dominates the market, with a 60% revenue share in 2022, and is expected to continue leading. Glass Greenhouses are growing in popularity, with horticulture glass showing the highest CAGR due to durability and aesthetic value.

- **Product Type Analysis: Fruits and Vegetables** This segment holds a market share of 55% in 2022 and is expected to continue dominating the market, driven by the protection of crops from external elements.

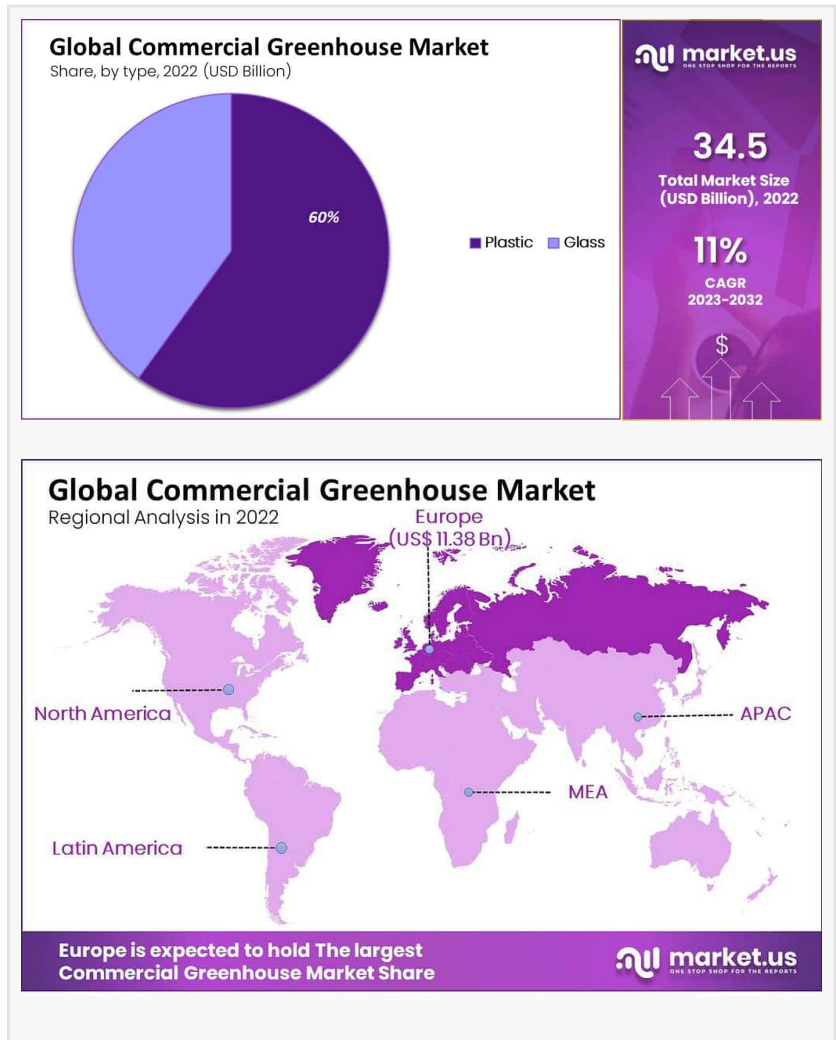
- **Equipment Analysis: Heating Systems** Heating systems are crucial in commercial greenhouse production, with a 52% revenue share. Efficient temperature control promotes plant growth.

- **Regional Analysis: Europe** Europe is the most lucrative market, with a 33% market share, driven by advanced greenhouse techniques and high demand for fruits and vegetables. North America North America is a significant market, while Asia-Pacific is expected to experience the fastest growth.

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Experts Review:

Government incentives and technological innovations are pivotal in propelling the commercial greenhouse market. Various subsidies and grants support the adoption of advanced technologies like automation and artificial intelligence, facilitating sustainable agriculture practices. Investment opportunities are robust, driven by the increasing demand for fresh produce and urban farming initiatives. However, high initial setup costs and energy expenses pose significant risks. Despite this, consumer awareness of sustainability is rising, fostering growth. The technological impact is profound, enhancing efficiency and crop management. The



regulatory environment mandates compliance with food safety and environmental standards, challenging for small firms. However, the market offers opportunities for players adept at integrating new technologies and meeting consumer demand for sustainable practices.

### Report Segmentation:

The commercial greenhouse market is segmented by type, product type, and equipment. The type segment is led by plastic greenhouses, holding a 60% market share due to affordability and versatility. Glass greenhouses, noted for durability and aesthetics, are expected to show substantial growth. The product-type segmentation identifies fruits and vegetables as dominant, attributed to their consistent year-round demand. In terms of equipment, heating systems represent the major share, essential for maintaining optimal growing temperatures. This setup fosters a dynamic market aimed at enhancing productivity through technological integration and efficiency improvements. Regionally, Europe is the largest market, while Asia-Pacific shows the fastest growth due to urbanization and high technological adoption.

### Key Market Segments

#### Based on Type

- Glass
- Plastic

#### Based on Product Type

- Fruits and Vegetables
- Flowers and Ornamentals
- Nursery Crops
- Other Product Types

#### Based on Equipment

- Heating Systems
- Cooling Systems
- Other Equipment

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### Drivers, Restraints, Challenges, and Opportunities:

Key drivers include the increasing demand for fresh, year-round produce and the shift towards sustainable farming practices. Government incentives support industry growth. However, restraints include high initial investments and energy costs, which are significant barriers for

small enterprises. Challenges also arise from regulatory compliance pertaining to environmental and safety standards. Opportunities abound with technological advancements like automation and urban farming, meeting the demand for local, fresh products. The market is ripe for innovation, offering prospects for integrated solutions enhancing operational efficiency and environmental sustainability.

#### Key Player Analysis:

The commercial greenhouse market is highly competitive, with numerous players innovating to capture market share. Major companies like Richel Group, Rough Brothers Inc., and International Greenhouse Company lead the sector. Their strategies focus on R&D investments, expanding product portfolios, and leveraging technology to meet the growing consumer preference for sustainable produce. Competition is intense, with companies aiming to differentiate through solutions that enhance production efficiency and align with eco-friendly practices.

#### Market Key Players

- Sotrafa
- Berry Global
- NETAFIM
- Certhon
- Richel Group SA
- Stuppy Greenhouse
- Logiqs B.V.
- Argus Control Systems Ltd.
- Poly-Tex, Inc.
- The Glasshouse Company
- Luiten Greenhouses BV
- Agra Tech, Inc.
- Other Key Players

#### Recent Developments:

Recent developments in the sector include Richel Group's establishment of a large-scale strawberry cultivation greenhouse in Armenia, illustrating the expansion into new geographic markets. In North America, Argus Controls and Urban-Gro strengthened their collaboration to offer advanced automation solutions for greenhouse operations, targeting emerging sectors such as cannabis cultivation. Such developments highlight the industry's focus on expanding operational capabilities and market reach through strategic partnerships and technical advancements.

#### Conclusion:

The commercial greenhouse market stands at the cusp of significant growth, driven by technological advancements, increasing demand for fresh produce, and government support. While challenges such as high setup costs persist, the opportunities for innovation and expansion into emerging markets present a promising outlook. Players embracing technological solutions and sustainability are positioned for success in this evolving landscape.

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