

# Global Vertical Farming Market 2024 by Manufacturers, Regions, Type and Application, Forecast to 2030

https://marketpublishers.com/r/GA65FD667B7EN.html

Date: January 2024

Pages: 157

Price: US\$ 3,480.00 (Single User License)

ID: GA65FD667B7EN

# **Abstracts**

According to our (Global Info Research) latest study, the global Vertical Farming market size was valued at USD 5863 million in 2023 and is forecast to a readjusted size of USD 57510 million by 2030 with a CAGR of 38.6% during review period.

Prime agricultural land can be scarce and expensive. With worldwide population growth, the demand for both more food and more land to grow food is ever increasing. One solution to our need for more space is vertical farming, involves growing crops in controlled Vegetable Cultivation environments, with precise light, nutrients, and temperatures. In vertical farming, growing plants are stacked in layers that may reach several stories tall.

The major players in global Vertical Farming market include AeroFarms, Gotham Greens, Plenty (Bright Farms), etc. North America and Europe are main markets, they occupy about 80% of the global market. Hydroponics is the main type, with a share about 90%. Vegetable Cultivation is the main application, which holds a share about 85%.

The Global Info Research report includes an overview of the development of the Vertical Farming industry chain, the market status of Vegetable Cultivation (Hydroponics, Aeroponics), Fruit Planting (Hydroponics, Aeroponics), and key enterprises in developed and developing market, and analysed the cutting-edge technology, patent, hot applications and market trends of Vertical Farming.

Regionally, the report analyzes the Vertical Farming markets in key regions. North America and Europe are experiencing steady growth, driven by government initiatives



and increasing consumer awareness. Asia-Pacific, particularly China, leads the global Vertical Farming market, with robust domestic demand, supportive policies, and a strong manufacturing base.

# Key Features:

The report presents comprehensive understanding of the Vertical Farming market. It provides a holistic view of the industry, as well as detailed insights into individual components and stakeholders. The report analysis market dynamics, trends, challenges, and opportunities within the Vertical Farming industry.

The report involves analyzing the market at a macro level:

Market Sizing and Segmentation: Report collect data on the overall market size, including the sales quantity (K MT), revenue generated, and market share of different by Type (e.g., Hydroponics, Aeroponics).

Industry Analysis: Report analyse the broader industry trends, such as government policies and regulations, technological advancements, consumer preferences, and market dynamics. This analysis helps in understanding the key drivers and challenges influencing the Vertical Farming market.

Regional Analysis: The report involves examining the Vertical Farming market at a regional or national level. Report analyses regional factors such as government incentives, infrastructure development, economic conditions, and consumer behaviour to identify variations and opportunities within different markets.

Market Projections: Report covers the gathered data and analysis to make future projections and forecasts for the Vertical Farming market. This may include estimating market growth rates, predicting market demand, and identifying emerging trends.

The report also involves a more granular approach to Vertical Farming:

Company Analysis: Report covers individual Vertical Farming manufacturers, suppliers, and other relevant industry players. This analysis includes studying their financial performance, market positioning, product portfolios, partnerships, and strategies.

Consumer Analysis: Report covers data on consumer behaviour, preferences, and attitudes towards Vertical Farming This may involve surveys, interviews, and analysis of



consumer reviews and feedback from different by Application (Vegetable Cultivation, Fruit Planting).

Technology Analysis: Report covers specific technologies relevant to Vertical Farming. It assesses the current state, advancements, and potential future developments in Vertical Farming areas.

Competitive Landscape: By analyzing individual companies, suppliers, and consumers, the report present insights into the competitive landscape of the Vertical Farming market. This analysis helps understand market share, competitive advantages, and potential areas for differentiation among industry players.

Market Validation: The report involves validating findings and projections through primary research, such as surveys, interviews, and focus groups.

Market Segmentation

Market segment by Type

Vertical Farming market is split by Type and by Application. For the period 2019-2030, the growth among segments provides accurate calculations and forecasts for consumption value by Type, and by Application in terms of volume and value.

Hydroponics

Aeroponics

Others

Market segment by Application

Vegetable Cultivation

Fruit Planting

Others



# Major players covered AeroFarms Gotham Greens Plenty (Bright Farms) Lufa Farms Beijing IEDA Protected Horticulture Green Sense Farms Garden Fresh Farms Mirai Sky Vegetables TruLeaf **Urban Crops** Sky Greens GreenLand Scatil Jingpeng Metropolis Farms Plantagon

Spread

Sanan Sino Science





The content of the study subjects, includes a total of 15 chapters:



Chapter 1, to describe Vertical Farming product scope, market overview, market estimation caveats and base year.

Chapter 2, to profile the top manufacturers of Vertical Farming, with price, sales, revenue and global market share of Vertical Farming from 2019 to 2024.

Chapter 3, the Vertical Farming competitive situation, sales quantity, revenue and global market share of top manufacturers are analyzed emphatically by landscape contrast.

Chapter 4, the Vertical Farming breakdown data are shown at the regional level, to show the sales quantity, consumption value and growth by regions, from 2019 to 2030.

Chapter 5 and 6, to segment the sales by Type and application, with sales market share and growth rate by type, application, from 2019 to 2030.

Chapter 7, 8, 9, 10 and 11, to break the sales data at the country level, with sales quantity, consumption value and market share for key countries in the world, from 2017 to 2023.and Vertical Farming market forecast, by regions, type and application, with sales and revenue, from 2025 to 2030.

Chapter 12, market dynamics, drivers, restraints, trends and Porters Five Forces analysis.

Chapter 13, the key raw materials and key suppliers, and industry chain of Vertical Farming.

Chapter 14 and 15, to describe Vertical Farming sales channel, distributors, customers, research findings and conclusion.



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