

# Plants Factory Market Forecast: Sustainability, Automation, and Advanced Farming Techniques in 2025 | AeroFarms, MIRAI

*Global Plants Factory Market rising as urban farming, vertical farming, & hydroponics technologies address sustainability needs and maximize food production*

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[Plants Factory Market](#) Analysis - 2025-2032:



Urbanization and sustainability drive opportunities for vertical farming, hydroponics, and automated plant factories that reduce land use while maximizing food production efficiency."

*Coherent Market Insights*

Coherent Market Insights has released a new report titled "Plants Factory Market: Industry Trends, Share, Size, Growth, Opportunity and Forecast 2025-2032 (Version 2025)." This report provides an in-depth analysis of the Plants Factory industry, featuring insights on market trends and performance. It also includes a thorough examination of competitors, regional dynamics, and the latest advancements within the market.

Coverage of the Plants Factory Market:

The report provides market size (2020–2032) Value (US\$ Mn), Y-o-Y % growth rate, and forecast (2025-2032), CAGR % for all the segments and sub-segments wherein:

- **Geography:** North America, Europe, Asia-Pacific, Latin America, and Middle East.
- **Product Type:** Leafy Greens, Herbs, and Fruiting Vegetables.
- **Technology:** Hydroponics, Vertical Farming, and Aeroponics.
- **Key Players:** AeroFarms, MIRAI, and other leading companies in the industry.

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The latest version of the report (Version 2025) provides analysis through various business metrics including:

- Bulls Eye Analysis
- Coherent Opportunity Map
- Wheel of Fortune
- Market Attractive Analysis, by Product type
- Market Attractive Analysis, by Country
- Pestle Analysis
- 4 Ps (Product, Price, Place, and Promotion)
- Porters Analysis
- SWOT Analysis
- Competitive Landscape
- o Company Market Share Analysis (US\$ Mn)

□ Key Trends prevalent in the Plants Factory Market include □

□ Growth in Urban Agriculture: As urban populations rise, plant factories

(vertical farms and indoor farms) are becoming key to producing fresh food closer to consumers, reducing transportation costs and improving food security.

□ Technological Innovation in Hydroponics and Aeroponics: These growing techniques are becoming more advanced, with improvements in water and nutrient delivery systems, lighting, and climate control.

□ Sustainability and Resource Efficiency: Plant factories are gaining attention for their ability to reduce land use, water consumption, and pesticide use while maximizing crop yields.

□ Integration of AI and Automation: AI-driven automation in plant factories is increasing efficiency in crop monitoring, harvesting, and production management, making these operations more cost-effective.

□ Expansion of Investment: Increased private and public sector investment in plant factories is spurring the growth of this market, with large-scale facilities being built in urban centers globally.

Key players analysed in the industry report include:

- AeroFarms (US)
- Gotham Greens (US)

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Plants Factory Market

- BOWERY FARMING INC. (US)
- Oishii (US)
- Plenty Unlimited Inc. (US)
- MIRAI (Japan)
- Agricoool (France)
- AppHarvest (US)
- CropOne (UAE) and BrightFarms (US).

#### Geographical Landscape of the Plants Factory Market:

The Plants Factory Market report offers detailed insights into the market landscape, which is further categorized into sub-regions and specific countries. This section of the report not only highlights the market share for each country and sub-region but also identifies potential profit opportunities within these areas.

- » North America (United States, Canada, and Mexico)
- » Europe (Germany, France, UK, Russia, Italy)
- » Asia-Pacific (China, Japan, Korea, India, and Southeast Asia)
- » Latin America (Brazil, Argentina, Colombia)
- » Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, and South Africa)

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#### Key Benefits of Acquiring This Report for Stakeholders:

- This study offers a thorough analysis of current trends, forecasts, and market size dynamics in the Plants Factory Market from 2025 to 2032, helping to pinpoint the most promising opportunities.
- Porter's Five Forces analysis highlights the influence of buyers and suppliers, empowering stakeholders to make informed business decisions and enhance their supplier-buyer networks.
- Comprehensive research on market size and segmentation enables the identification of existing opportunities within the Plants Factory Market.
- The report maps out the leading countries in each region based on their contribution to market revenue.
- An extensive analysis of the top competitors in the Plants Factory Market is provided, offering valuable insights into the competitive landscape.

#### Reasons to Purchase the Report

- Strategic Competitor Insights: Gain critical information and analysis on key competitors to develop effective sales and marketing strategies.
- Identify Emerging Players: Discover new entrants with promising product portfolios and

formulate counter-strategies to enhance your competitive edge.

□ Target Client Identification: Classify potential new clients or partners within your target demographic for better market penetration.

□ Tactical Initiative Development: Understand the focal areas of leading companies to craft informed tactical initiatives.

□ Mergers and Acquisitions Planning: Make strategic decisions regarding mergers and acquisitions by pinpointing top manufacturers in the market.

□ Licensing Strategy Development: Identify prospective partners with attractive projects to create robust in-licensing and out-licensing strategies, thereby enhancing business potential.

□ Support for Presentations: Utilize reliable, high-quality data and analysis to strengthen your internal and external presentations.

This report provides actionable growth insights through a comprehensive analysis that includes secondary research, primary interviews with industry stakeholders and competitors, as well as validation and triangulation using the Coherent Market Insights regional database. Experts have meticulously compiled primary data from market participants across the value chain in all regions, along with insights from industry specialists, to deliver both qualitative and quantitative findings.

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Q.1 What are the main factors influencing the Plants Factory market?

Q.2 Which companies are the major sources in this industry?

Q.3 What are the market's opportunities, risks, and general structure?

Q.4 Which of the top Plants Factory Market companies compare in terms of sales, revenue, and prices?

Q.5 How are market types and applications and deals, revenue, and value explored?

Q.6 What does a business area's assessment of agreements, income, and value implicate?

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Alice Mutum is a seasoned senior content editor at Coherent Market Insights, leveraging extensive expertise gained from her previous role as a content writer. With seven years in content development, Alice masterfully employs SEO best practices and cutting-edge digital marketing strategies to craft high-ranking, impactful content. As an editor, she meticulously ensures flawless grammar and punctuation, precise data accuracy, and perfect alignment with audience needs in every research report. Alice's dedication to excellence and her strategic approach to content make her an invaluable asset in the world of market insights.

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