

Global Hydroponics Market – System Types, Input Types and Crop Types

“The report reviews, analyzes and projects the global market for Hydroponics for the period 2020-2029 in terms of value in USD. The report analyzes the explores the market for Hydroponics systems types/sub-types including Aggregate Systems – Drip Systems, Ebb & Flow Systems and Wick Systems; and Liquid (Non-Aggregate) Systems – Aeroponics Systems, Deep Water Culture (DWC) Systems and Nutrient Film Technique (NFT) Systems. This study explores the input types of Hydroponics consisting Growth Media and Nutrients. The market for Hydroponics crop types studied in this report comprise - Fruits & Flowers, Herbs & Microgreens and Vegetables”

Published: February 2024

Report Code: FB041

Pages: 415

Charts: 304

Price: \$4500 Single User License, \$7200 Enterprise License

Report Synopsis

Scarcity of arable land, depleting water resources and migration of people from rural to urban areas in search of adequate livelihood are having a huge adverse impact on agriculture the world over. Coupled with these is the fact that population growth is continuing unabated and forests are being cut down to accommodate this growing mass of people, resulting in climate change. Even with these detrimental factors playing a vital role in decreased agricultural output, the use of open-field agriculture is widely prevalent worldwide, with no consideration given to thousands of acres becoming useless for farming. As a consequence, agriculturists are now being forced to adopt novel techniques to maintain a steady growth and supply of food sources, among which Hydroponics is a major one.

Aggregate Systems account for a Hydroponics market share of about 52% in 2023, globally, while Liquid Systems closely follows with 48% in the same year. Liquid Systems is anticipated to grow by a CAGR of 12.6% during the period 2023-2029 to reach US\$12.4 billion almost equal to that of Aggregate Systems. The worldwide market for Hydroponics is expected to surpass US\$14 billion in 2024 with Europe accounting for a lion’s share of about 39%.

Research Findings & Coverage

- Global market for Hydroponics is analyzed in this report with respect to system types/sub-types, input types and crop types across major geographic regions and key countries
- Global market share analysis for Hydroponics is provided based on the segmentation mentioned above; and current market size estimations and revenue projections given for the analysis period through 2029
- The study discusses major growth trends, R&D, technology updates, statutory regulations and emerging applications of VIPs that influence the market growth, wherever applicable
- Key business trends focusing on product innovations/developments, capacity expansions, M&As, JVs and other recent industry developments by the major players
- The report includes 304 charts/data tables covering market numbers by segment and regions with graphical representation for each table
- Brief business profiles of major companies covered – 25
- The industry guide includes the contact details for 208 companies

Product Outline

The market for system types/sub-types of Hydroponics analyzed in this report includes:

- Aggregate Systems
 - Drip Systems
 - Ebb & Flow Systems
 - Wick Systems
- Liquid (Non-Aggregate) Systems
 - Aeroponics Systems
 - Deep Water Culture (DWC) Systems
 - Nutrient Film Technique (NFT) Systems

Global market for input types of Hydroponics explored in this study includes:

- Growth Media
- Nutrients

The market for crop types of Hydroponics analyzed in this report includes:

- Fruits & Flowers
- Herbs & Microgreens
- Vegetables

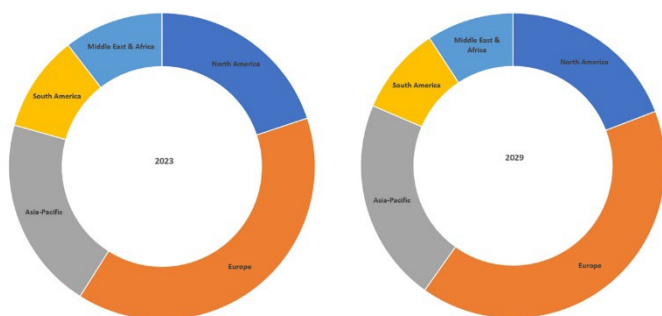
Analysis Period, Units and Growth Rates

- The report reviews, analyzes and projects the global Hydroponics market for the period 2020-2029 in terms of market value in US\$ and the compound annual growth rates (CAGRs) projected from 2023 through 2029

Geographic Coverage

- **North America** (The United States, Canada and Mexico)
- **Europe** (France, Germany, Italy, Netherlands, Spain, United Kingdom and Rest of Europe)
- **Asia-Pacific** (China, India, Japan, South Korea and Rest of Asia-Pacific)
- **South America** (Argentina, Brazil and Rest of South America)
- **Middle East & Africa**

Global Hydroponics Market (2023 & 2029) by Geographic Region



Source: Industry Experts, Inc. <https://industry-experts.com>

SAMPLE COMPANY PROFILE

HYDROFARM HOLDINGS GROUP, INC. (UNITED STATES)

1510 Main St, Shoemakersville, PA 19555
United States
Phone: 1-800-634-9990
Website: www.hydrofarm.com

Business Overview

Hydrofarm Holdings Group, Inc. is a hydroponics equipment and supplies manufacturer based in Pennsylvania, United States. Incorporated in 1977, the company has developed into one of the globally leading companies in the Controlled Environment Agriculture (CEA) industry, with products sold under multiple brand names. With distribution sites across the United States, Canada, and Europe, Hydrofarm’s products are available worldwide, meeting the indoor agriculture needs of retailers as well as commercial growers.

Products

Adhering to a sustainable business model, the company offers a wide range of products spanning several categories, including Hydroponics equipment such as Hydro Systems, Hydro Trays & Components, Meters & Solutions, Pumps & Irrigation, Water Filtration, Pots & Containers, and Tents & Tarps; Lighting equipment such as LED Lighting, Lighting Systems/Kits, Fluorescent Lighting, Grow Light Lamps, Grow Light Ballasts, Grow Light Reflectors, and Lighting Accessories; Atmospheric Automation products, including Controllers, Monitors & Timers, Ventilation/Air Conditioning, Air Purification, and CO2; Nutrients & Additives under the Aurora Peat Products, Gaia Green, Grotek, HEAVY 16, House & Garden, Mad Farmer, Roots Organics, and Soul brands; and other categories include Growing Media, Plant Care/Pest & Disease Control, Hydro, Water Management, Propagation, Harvest & Storage, Grow Tents & Tarps, Garden Accessories, and Books and Videos.

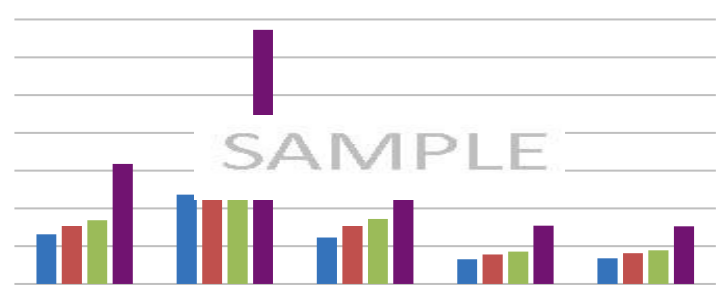
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SAMPLE TABLE/CHART

Glance at 2020, 2023 and 2029 Global Hydroponic Systems Market Share (%) by Type – Aggregate Systems and Liquid (Non-Aggregate) Systems



Global Hydroponics Market Analysis (2020-2029) by Geographic Region – North America, Europe, Asia-Pacific, South America and Middle East & Africa in USD Million



KEY PLAYERS PROFILED

- Advanced Nutrients (United States)
- AeroFarms (United States)
- American Hydroponics, Inc. (AmHydro) (United States)
- Controlled Environments Limited (Canada)
- Badia Farms (UAE)
- Bright Farms (United States)
- Emerald Harvest (United States)
- Freight Farms, Inc. (United States)
- General Hydroponics, Inc. (United States)
- Gotham Greens (United States)
- GreenTech Agro LLC (United States)
- Heliospectra AB (Sweden)

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