

# **North America Vertical Farming Market 2022-2032 by Mechanism (Hydroponics, Aquaponics, Aeroponics), Component (Lighting, Hydroponic Components, Climate Control, Sensing), Structure (Building-based, Container-based), Application Type (Indoor, Outdoor), Crop (Tomatoes, Lettuce, Leafy Greens, Peppers, Herbs, Strawberry), and Country: Trend Forecast and Growth Opportunity**

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## **Abstracts**

North America vertical farming market is projected to grow by 22.0% annually in the forecast period and reach \$10,709.6 million by 2032, driven by the rapid urbanization, rising demand for high quality and high level of food safety, declining arable land, advantages of vertical farming equipped with advanced technologies, and independence of vertical farming from climate impacts.

Highlighted with 31 tables and 49 figures, this 112-page report “North America Vertical Farming Market 2022-2032 by Mechanism (Hydroponics, Aquaponics, Aeroponics), Component (Lighting, Hydroponic Components, Climate Control, Sensing), Structure (Building-based, Container-based), Application Type (Indoor, Outdoor), Crop (Tomatoes, Lettuce, Leafy Greens, Peppers, Herbs, Strawberry), and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire North America vertical farming market and all its sub-segments through extensively detailed classifications. Profound analysis and assessment are generated from premium primary and secondary information sources with inputs derived from industry professionals across the value chain. The report is based on studies on 2020-2022 and provides forecast from 2023 till 2032 with 2022 as the base year. (Please note: The report will be updated before delivery so that the latest historical year is the base year

and the forecast covers at least 5 years over the base year.)

In-depth qualitative analyses include identification and investigation of the following aspects:

Market Structure

Growth Drivers

Restraints and Challenges

Emerging Product Trends & Market Opportunities

Porter's Fiver Forces

The trend and outlook of North America market is forecast in optimistic, balanced, and conservative view by taking into account of COVID-19 and Russia-Ukraine conflict. The balanced (most likely) projection is used to quantify North America vertical farming market in every aspect of the classification from perspectives of Mechanism, Component, Structure, Application Type, Crop, and Country.

Based on Mechanism, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Hydroponics

Aquaponics

Aeroponics

Based on Component, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Lighting Devices

Hydroponic Components

Climate Control Devices

Sensing Devices

Irrigation Component

Building Material

Other Components

By Structure, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Building-based Structure

Container-based Structure

By Application Type, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

Indoor Vertical Farming

## Outdoor Vertical Farming

By Crop, the North America market is segmented into the following sub-markets with annual revenue (\$ mn) for 2022-2032 included in each section.

- Tomatoes
- Lettuce
- Leafy Greens (excluding lettuce)
- Bell & Chili Peppers
- Herbs
- Strawberry
- Other Crops

Geographically, the following national/local markets are fully investigated:

U.S.

Canada

Mexico

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2022-2032. The breakdown of national markets by Mechanism, Component and Structure over the forecast years are also included.

The report also covers current competitive scenario and the predicted trend; and profiles key vendors including market leaders and important emerging players.

Selected Key Players:

- 4D Bios, Inc.
- AeroFarms
- AgriCool
- American Hydroponics
- Bowery Farming Inc.
- Crop One Holdings
- Everlight Electronics Co., Ltd.
- Freight Farms
- Heliospectra AB
- Kalera Inc.
- OSRAM GmbH.
- Plenty Unlimited Inc.
- Signify Holding
- Sky Greens
- SPREAD Co., Ltd.
- Urban Crop Solutions

Valoya

Vertical Farm Systems

(Please note: The report will be updated before delivery so that the latest historical year is the base year and the forecast covers at least 5 years over the base year.)

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#### **4D BIOS, INC.**

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Heliospectra AB

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