

The US Vertical Farming Market: Size, Trends & Forecast with Impact Analysis of COVID-19 (2022-2026)

January 2022



The US Vertical Farming Market: Coverage

Executive Summary and Scope

Introduction/Market Overview

The US Market Analysis

Impact Of COVID 19

Dynamics

Competitive Landscape

Company Profiling

The US Vertical Farming Market: Coverage

Scope of the Report

Attributes	Details
Title	The US Vertical Farming Market: Size, Trends & Forecast with Impact Analysis of COVID-19 (2022-2026)
Coverage	The US
Market Influencing Variables	Growth Drivers, Challenges, Market Trends
Forecast Period of Market	2022-2026
Competition in the Market	Fragmented
Key Players	AeroFarms, Bowery Farming, Plenty, and Gotham Greens

The US Vertical Farming Market

Executive Summary

Agriculture is the activity of cultivating specific plants and raising domesticated animals for the purpose of providing food, feed, fiber, and a range of other desirable products (livestock). Agriculture has always played an important role in an economy's development and growth. It is regarded as a major source of revenue and survival in undeveloped countries. Agriculture has always benefited from globalization and a growing population. People's shifting lifestyles and requirements have always prompted agricultural technical breakthroughs and innovations.

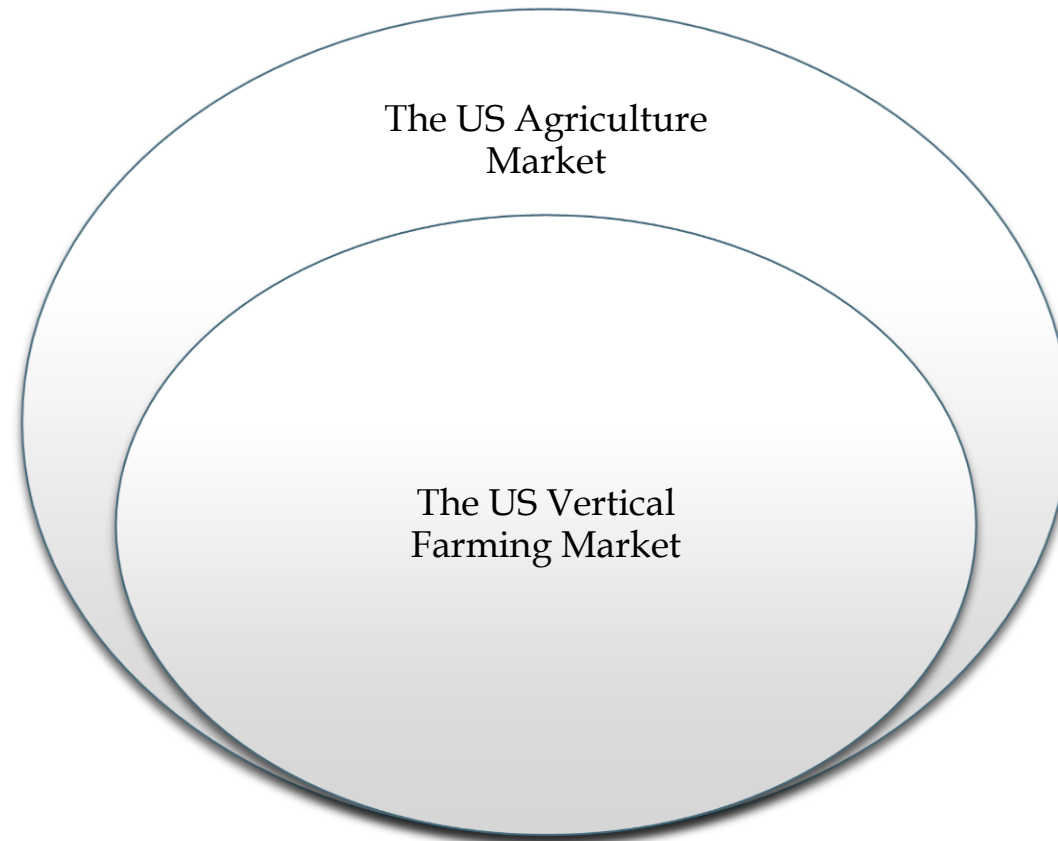
Vertical farming is a novel method of agricultural production in which plants are grown vertically above one another. When compared to traditional farming, this method allows for a considerably greater quantity of crops to be grown in a much smaller amount of space. Vertical farming is a type of energy-intensive agricultural production system that uses big data analytics, robotics, the internet of things, artificial intelligence, and other technologies to allow crops to grow more efficiently.

The US vertical farming market can be divided into three segments: by technology (hydroponics, aeroponics, and aquaponics), by application (indoor vertical farming and outdoor vertical farming), and by crop type (tomato, lettuce, bell and chill peppers, herbs, leafy greens, strawberry, cucumber and other crops).

The US vertical farming market is projected to rise considerably in the next four years i.e. 2022-2026. The US vertical farming market is expected to rise due to increasing population, arable land loss, environmental sustainability, lower labor costs, higher year round yield, and efficient crop monitoring and harvesting. The market also faces some challenges like lack of technically skilled labor, and high start up costs.

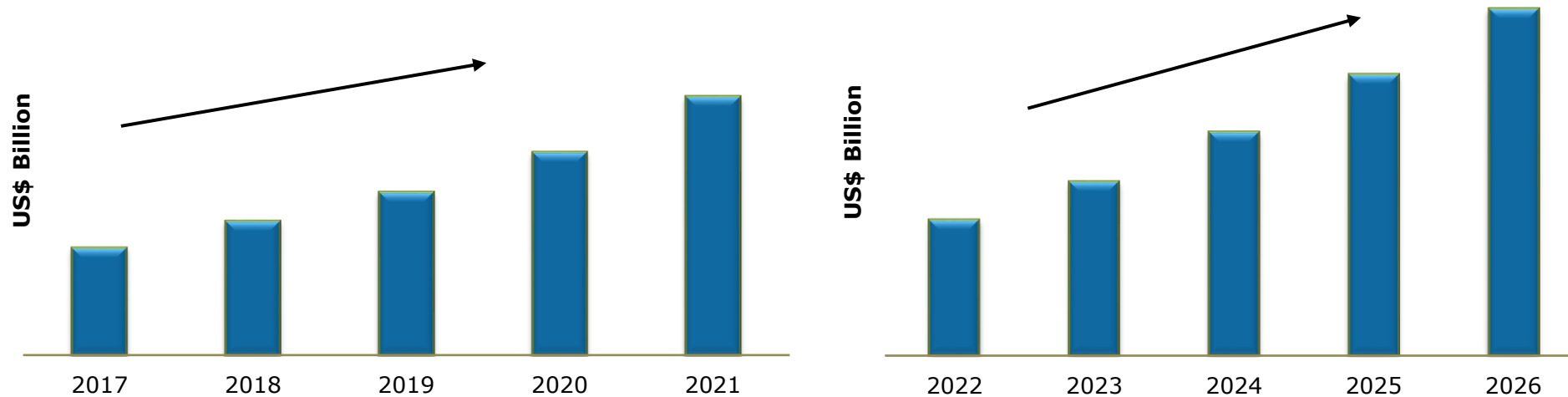
The US Vertical Farming Market

Market Overview



The US Vertical Farming Market: An Analysis

The US Vertical Farming Market by Value

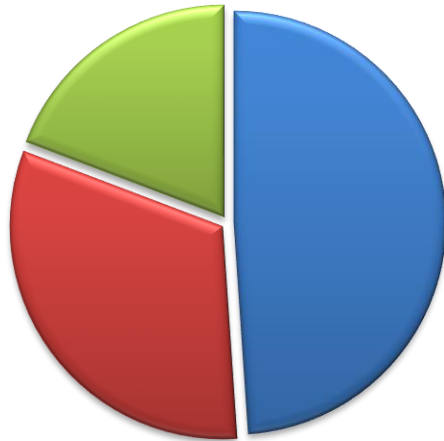


CAGRs	
2017-2021	xx%
2022-2026	xx%

The US vertical farming market was valued at US\$... billion in 2021, and is anticipated to reach up to US\$... billion by 2026 from US\$... billion in 2022, with a CAGR of xx% for the period 2022-2026.

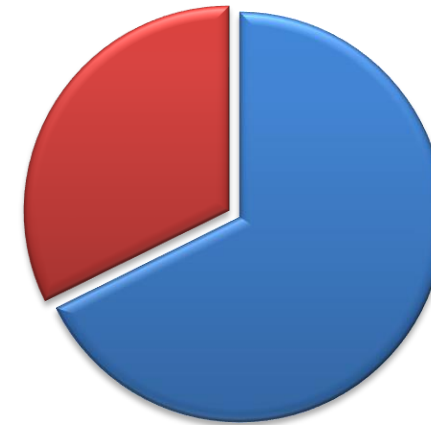
Vertical Farming Market: The US Analysis

The US Vertical Farming Market by Technology; 2021



Technology	Share
Hydroponics	xx%
Aeroponics	xx%
Aquaponics	xx%

The US Vertical Farming Market by Application; 2021



Application	Share
Indoor Vertical Farming	xx%
Outdoor Vertical Farming	xx%

Vertical Farming Market: The US Analysis

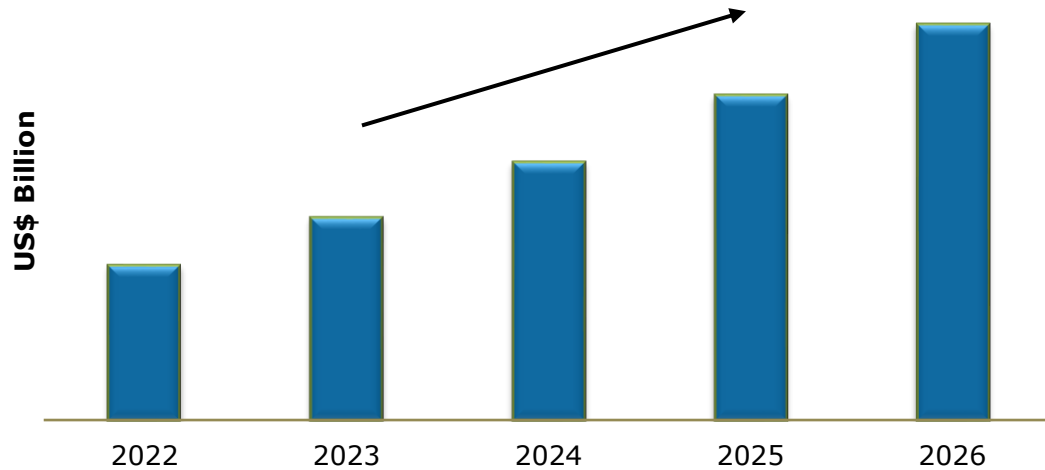
The US Vertical Farming Market by Crop Type; 2021



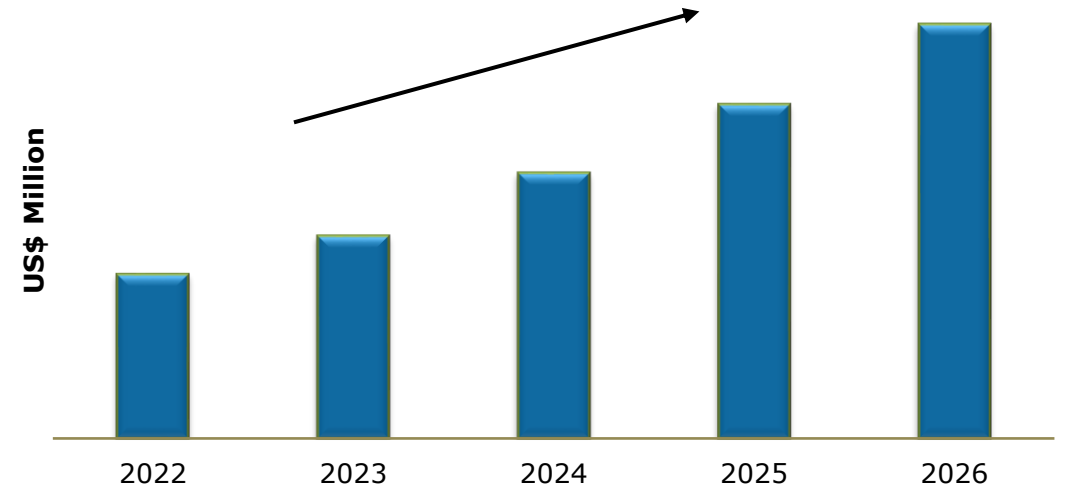
Crop Type	Share
Tomato	xx%
Lettuce	xx%
Bell and Chill Peppers	xx%
Herbs	xx%
Leafy Greens (Excluding Lettuce)	xx%
Strawberry	xx%
Cucumber	xx%
Other Crops	xx%

The US Vertical Farming Market: Technology Analysis

The US Hydroponics Vertical Farming Market by Value



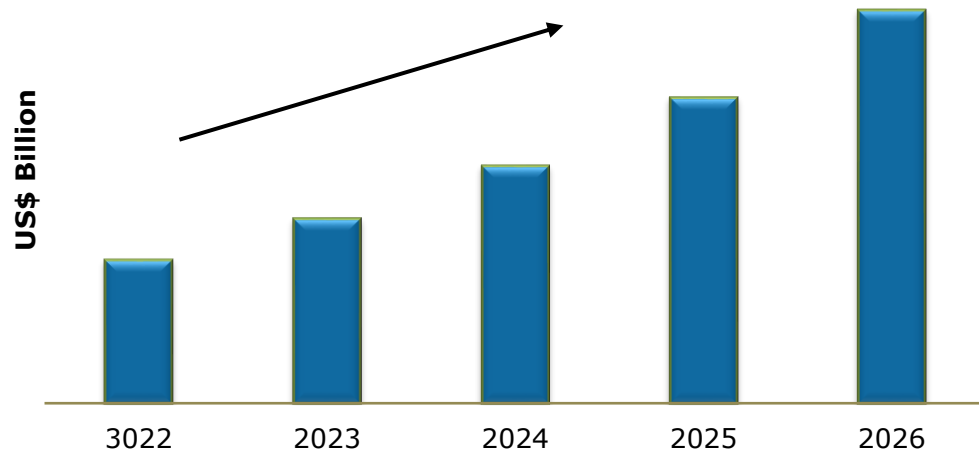
The US Aeroponics Vertical Farming Market by Value



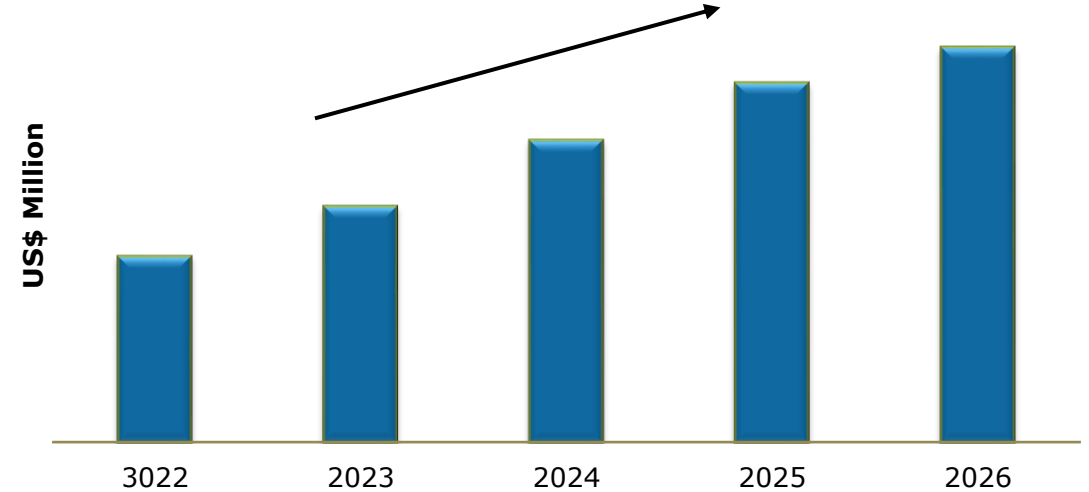
Technology	CAGR (2022-2026)
Hydroponics	xx%
Aeroponics	xx%
Aquaponics	xx%

The US Vertical Farming Market: Application Analysis

The US Indoor Vertical Farming Market by Value



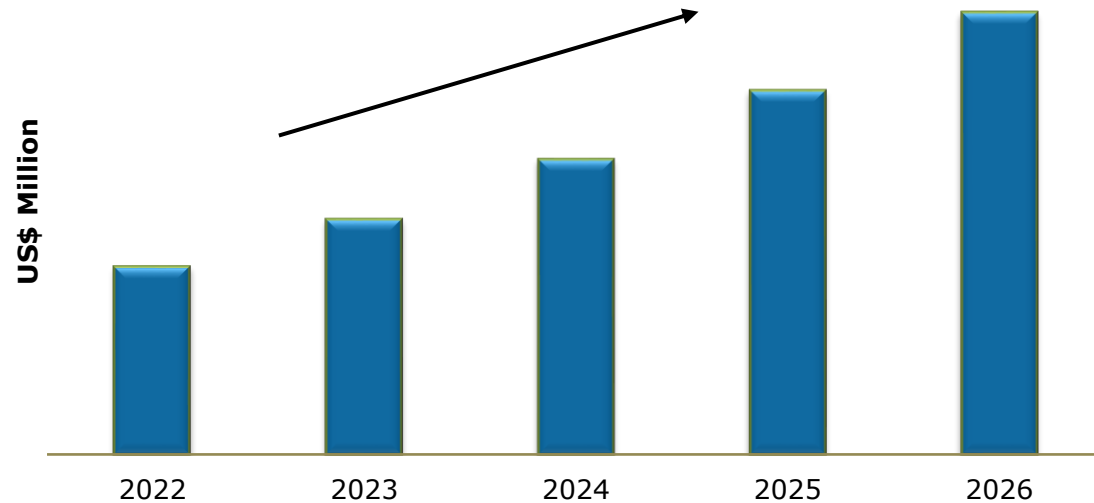
The US Outdoor Vertical Farming Market by Value



Application	CAGR (2022-2026)
Indoor Vertical Farming	xx%
Outdoor Vertical Farming	xx%

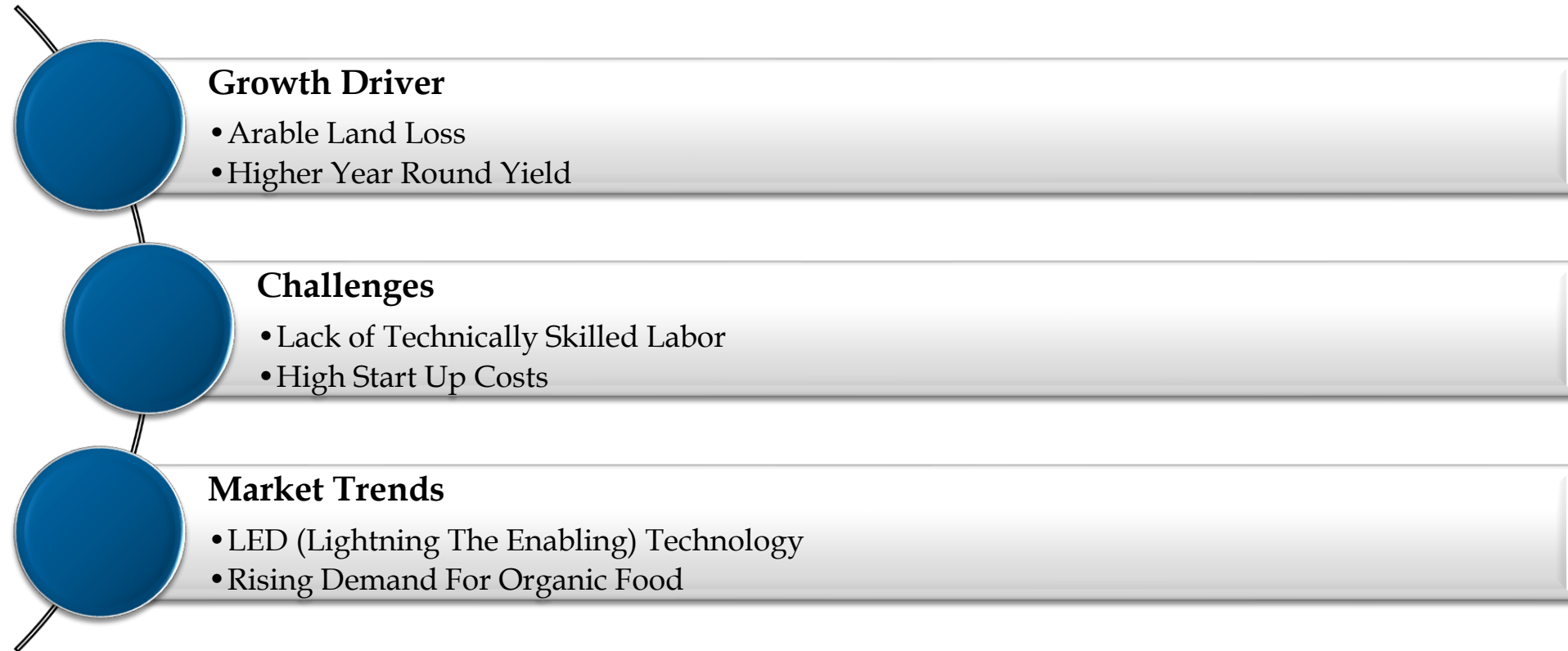
The US Vertical Farming Market: Crop Type Analysis

The US Tomato Vertical Farming Market by Value



Crop Type	CAGR (2022-2026)
Tomato	xx%
Lettuce	xx%
Bell and Chill Peppers	xx%
Herbs	xx%
Leafy Greens (Excluding Lettuce)	xx%
Strawberry	xx%
Cucumber	xx%
Other Crops	xx%

The US Vertical Farming Market: Dynamics



The US Vertical Farming Market: Competitive Landscape

Players Profiled

- AeroFarms 
- Bowery Farming 
- Plenty 
- Gotham Greens 

Note: The graphs on this slide are only for sample representation.