

Asia Pacific Indoor Farming Market 2022-2032 by Offering (Hardware, Software & Service, Integrated Systems), Growing System (Aeroponics, Hydroponics, Aquaponics, Soil-based, Hybrid), Facility Type (Greenhouses, Vertical, Container, DWC), Crop Type (Fruits and Vegetables, Herbs and Microgreens, Flowers and Ornamentals, Others), and Country: Trend Forecast and Growth Opportunity

<https://marketpublishers.com/r/A9971B540F2CEN.html>

Date: February 2023

Pages: 145

Price: US\$ 2,040.00 (Single User License)

ID: A9971B540F2CEN

Abstracts

Asia Pacific indoor farming market will grow by 14.2% annually with a total addressable market cap of \$125,240.3 million over 2023-2032, driven by the increasing food requirements due to the growing population, decreasing arable land, growing adoption of controlled growing environment, high investments by the public and private players, and the rising health consciousness amid COVID-19 pandemic.

Highlighted with 48 tables and 70 figures, this 146-page report “Asia Pacific Indoor Farming Market 2022-2032 by Offering (Hardware, Software & Service, Integrated Systems), Growing System (Aeroponics, Hydroponics, Aquaponics, Soil-based, Hybrid), Facility Type (Greenhouses, Vertical, Container, DWC), Crop Type (Fruits and Vegetables, Herbs and Microgreens, Flowers and Ornamentals, Others), and Country: Trend Forecast and Growth Opportunity” is based on a comprehensive research of the entire Asia Pacific indoor 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 Asia Pacific 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 Asia Pacific indoor farming market in every aspect of the classification from perspectives of Offering, Growing System, Facility Type, Crop Type, and Country.

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

Hardware

- o Climate Control Systems

- o Irrigation Systems

- o Lighting

- o Sensors

- o Communication

- o Other Hardware

Software & Service

- o Web-based

- o Cloud-based

Integrated Systems

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

Aeroponics

Hydroponics

Aquaponics

Soil-based

Hybrid

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

Glass or Poly Greenhouses
Indoor Vertical Farms
Container Farms
Indoor Deep Water Culture (DWC) Systems
Other Facility Types

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

Fruits and Vegetables

- o Leafy Vegetables
- o Tomato
- o Strawberry
- o Cucumber
- o Other Fruits and Vegetables

Herbs and Microgreens

- o Basil
- o Herbs
- o Tarragon
- o Wheatgrass
- o Other Herbs and Microgreens

Flowers and Ornamentals

- o Perennials
- o Annuals
- o Ornamentals
- o Other Flowers and Ornamentals

Other Crop Types

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

Japan

China

South Korea

Australia

India

Rest of APAC (further segmented into Malaysia, Singapore, Indonesia, Thailand, New Zealand, Vietnam, Taiwan, and Philippines)

For each key country, detailed analysis and data for annual revenue (\$ mn) are available for 2022-2032. The breakdown of national markets by Growing System, Facility Type and Crop Type 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:

AeroFarms

American Hydroponics (AmHydro)

Argus Control System Limited

Certhon

Everlight Electronics Co., Ltd.

Freight Farms, Inc.

General Hydroponics Inc. (Hawthorne Gardening Company)

Hydrodynamics International

Illumitex

Logiqs B.V.

LumiGrow Inc.

Netafim Limited

OSRM GmbH

Priva Holdings B.V.

Richel Group

Signify N.V.

Vertical Farm System Pty Ltd.

(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.)

Contents

1 INTRODUCTION

- 1.1 Industry Definition and Research Scope
 - 1.1.1 Industry Definition
 - 1.1.2 Research Scope
- 1.2 Research Methodology
 - 1.2.1 Overview of Market Research Methodology
 - 1.2.2 Market Assumption
 - 1.2.3 Secondary Data
 - 1.2.4 Primary Data
 - 1.2.5 Data Filtration and Model Design
 - 1.2.6 Market Size/Share Estimation
 - 1.2.7 Research Limitations
- 1.3 Executive Summary

2 MARKET OVERVIEW AND DYNAMICS

- 2.1 Market Size and Forecast
 - 2.1.1 Impact of COVID-19 on World Economy
 - 2.1.2 Impact of COVID-19 on the Market
- 2.2 Major Growth Drivers
- 2.3 Market Restraints and Challenges
- 2.4 Emerging Opportunities and Market Trends
- 2.5 Porter's Fiver Forces Analysis

3 SEGMENTATION OF ASIA PACIFIC MARKET BY OFFERING

- 3.1 Market Overview by Offering
- 3.2 Hardware
 - 3.2.1 Climate Control Systems
 - 3.2.2 Irrigation Systems
 - 3.2.3 Lighting
 - 3.2.4 Sensors
 - 3.2.5 Communication
 - 3.2.6 Other Hardware
- 3.3 Software & Service
 - 3.3.1 Web-based

- 3.3.2 Cloud-based
- 3.4 Integrated Systems

4 SEGMENTATION OF ASIA PACIFIC MARKET BY GROWING SYSTEM

- 4.1 Market Overview by Growing System
- 4.2 Aeroponics
- 4.3 Hydroponics
- 4.4 Aquaponics
- 4.5 Soil-based
- 4.6 Hybrid

5 SEGMENTATION OF ASIA PACIFIC MARKET BY FACILITY TYPE

- 5.1 Market Overview by Facility Type
- 5.2 Glass or Poly Greenhouses
- 5.3 Indoor Vertical Farms
- 5.4 Container Farms
- 5.5 Indoor Deep Water Culture (DWC) Systems
- 5.6 Other Facility Types

6 SEGMENTATION OF ASIA PACIFIC MARKET BY CROP TYPE

- 6.1 Market Overview by Crop Type
- 6.2 Fruits and Vegetables
 - 6.2.1 Leafy Vegetables
 - 6.2.2 Tomato
 - 6.2.3 Strawberry
 - 6.2.4 Cucumber
 - 6.2.5 Other Fruits and Vegetables
- 6.3 Herbs and Microgreens
 - 6.3.1 Basil
 - 6.3.2 Herbs
 - 6.3.3 Tarragon
 - 6.3.4 Wheatgrass
 - 6.3.5 Other Herbs and Microgreens
- 6.4 Flowers and Ornamentals
 - 6.4.1 Perennials
 - 6.4.2 Annuals

- 6.4.3 Ornamentals
- 6.4.4 Other Flowers and Ornamentals
- 6.5 Other Crop Types

7 ASIA-PACIFIC MARKET 2022-2032 BY COUNTRY

- 7.1 Overview of Asia-Pacific Market
- 7.2 Japan
- 7.3 China
- 7.4 Australia
- 7.5 India
- 7.6 South Korea
- 7.7 Rest of APAC Region

8 COMPETITIVE LANDSCAPE

- 8.1 Overview of Key Vendors
- 8.2 New Product Launch, Partnership, Investment, and M&A
- 8.3 Company Profiles
 - AeroFarms
 - American Hydroponics (AmHydro)
 - Argus Control System Limited
 - Certhon
 - Everlight Electronics Co., Ltd.
 - Freight Farms, Inc.
 - General Hydroponics Inc. (Hawthorne Gardening Company)
 - Hydrodynamics International
 - Illumitex
 - Logiqs B.V.
 - LumiGrow Inc.
 - Netafim Limited
 - OSRM GmbH
 - Priva Holdings B.V.
 - Richel Group
 - Signify N.V.
 - Vertical Farm System Pty Ltd.

RELATED REPORTS

List Of Tables

LIST OF TABLES:

Table 1. Snapshot of Asia Pacific Indoor Farming Market in Balanced Perspective, 2022-2032

Table 2. World Economic Outlook, 2021-2031

Table 3. World Economic Outlook, 2021-2023

Table 4. World Population Projections to 2035

Table 5. Worldwide Sales of Organic Food, 2022-2032, \$ bn

Table 6. Main Product Trends and Market Opportunities in Asia Pacific Indoor Farming Market

Table 7. Asia Pacific Indoor Farming Market by Offering, 2022-2032, \$ mn

Table 8. Asia Pacific Indoor Farming Market: Hardware by Type, 2022-2032, \$ mn

Table 9. Key Vendors and Main Products of Climate Control System Market

Table 10. Key Vendors and Main Products of Irrigation System Market

Table 11. Key Vendors and Main Products of Grow Lights Market

Table 12. Key Vendors and Main Products of Sensors Market

Table 13. Asia Pacific Indoor Farming Market: Software & Service by Type, 2022-2032, \$ mn

Table 14. Key Vendors and Main Products of Software & Services Market

Table 15. Key Vendors and Main Products of Integrated System Market

Table 16. Asia Pacific Indoor Farming Market by Growing System, 2022-2032, \$ mn

Table 17. Asia Pacific Indoor Farming Market by Facility Type, 2022-2032, \$ mn

Table 18. Key Vendors and Main Products of Greenhouse Market

Table 19. Key Vendors and Main Products of Vertical Farming Market

Table 20. Key Vendors and Main Products of Container Farm Market

Table 21. Asia Pacific Indoor Farming Market by Crop Type, 2022-2032, \$ mn

Table 22. Asia Pacific Indoor Farming Market: Fruits and Vegetables by Type, 2022-2032, \$ mn

Table 23. Asia Pacific Indoor Farming Market: Herbs and Microgreens by Type, 2022-2032, \$ mn

Table 24. Asia Pacific Indoor Farming Market: Flowers and Ornamentals by Type, 2022-2032, \$ mn

Table 25. APAC Indoor Farming Market by Country, 2022-2032, \$ mn

Table 26. Japan Indoor Farming Market by Growing System, 2022-2032, \$ mn

Table 27. Japan Indoor Farming Market by Facility Type, 2022-2032, \$ mn

Table 28. Japan Indoor Farming Market by Crop Type, 2022-2032, \$ mn

Table 29. China Indoor Farming Market by Growing System, 2022-2032, \$ mn

- Table 30. China Indoor Farming Market by Facility Type, 2022-2032, \$ mn
- Table 31. China Indoor Farming Market by Crop Type, 2022-2032, \$ mn
- Table 32. Australia Indoor Farming Market by Growing System, 2022-2032, \$ mn
- Table 33. Australia Indoor Farming Market by Facility Type, 2022-2032, \$ mn
- Table 34. Australia Indoor Farming Market by Crop Type, 2022-2032, \$ mn
- Table 35. India Indoor Farming Market by Growing System, 2022-2032, \$ mn
- Table 36. India Indoor Farming Market by Facility Type, 2022-2032, \$ mn
- Table 37. India Indoor Farming Market by Crop Type, 2022-2032, \$ mn
- Table 38. South Korea Indoor Farming Market by Growing System, 2022-2032, \$ mn
- Table 39. South Korea Indoor Farming Market by Facility Type, 2022-2032, \$ mn
- Table 40. South Korea Indoor Farming Market by Crop Type, 2022-2032, \$ mn
- Table 41. Indoor Farming Market in Rest of APAC by Country/Region, 2022-2032, \$ mn
- Table 42. Recent Developments
- Table 43. AeroFarms: Company Snapshot
- Table 44. AeroFarms: Business Segmentation
- Table 45. AeroFarms: Product Portfolio

List Of Figures

LIST OF FIGURES:

Figure 1. Research Method Flow Chart

Figure 2. Bottom-up Approach and Top-down Approach for Market Estimation

Figure 3. Asia Pacific Market Forecast in Optimistic, Conservative and Balanced Perspectives, 2022-2032

Figure 4. Asia Pacific Indoor Farming Market, 2022-2032, \$ mn

Figure 5. Impact of COVID-19 on Business

Figure 6. Primary Drivers and Impact Factors of Asia Pacific Indoor Farming Market

Figure 7. Benefits of Indoor Farming

Figure 8. Forecast of Middle-class Population by Region, 2015-2030, million

Figure 9. Worldwide Per Capita Arable Land in Hectare, 1961-2020

Figure 10. World Map of Per Capita Arable Land in 2020

Figure 11. Primary Restraints and Impact Factors of Asia Pacific Indoor Farming Market

Figure 12. Investment Opportunity Analysis

Figure 13. Porter's Five Forces Analysis of Asia Pacific Indoor Farming Market

Figure 14. Breakdown of Asia Pacific Indoor Farming Market by Offering, 2022-2032, % of Revenue

Figure 15. Asia Pacific Addressable Market Cap in 2023-2032 by Offering, Value (\$ mn) and Share (%)

Figure 16. Asia Pacific Indoor Farming Market by Offering: Hardware, 2022-2032, \$ mn

Figure 17. Asia Pacific Indoor Farming Market by Hardware: Climate Control Systems, 2022-2032, \$ mn

Figure 18. Asia Pacific Indoor Farming Market by Hardware: Irrigation Systems, 2022-2032, \$ mn

Figure 19. Asia Pacific Indoor Farming Market by Hardware: Lighting, 2022-2032, \$ mn

Figure 20. Asia Pacific Indoor Farming Market by Hardware: Sensors, 2022-2032, \$ mn

Figure 21. Asia Pacific Indoor Farming Market by Hardware: Communication, 2022-2032, \$ mn

Figure 22. Asia Pacific Indoor Farming Market by Hardware: Other Hardware, 2022-2032, \$ mn

Figure 23. Asia Pacific Indoor Farming Market by Offering: Software & Service, 2022-2032, \$ mn

Figure 24. Asia Pacific Indoor Farming Market by Software & Service: Web-based, 2022-2032, \$ mn

Figure 25. Asia Pacific Indoor Farming Market by Software & Service: Cloud-based, 2022-2032, \$ mn

Figure 26. Asia Pacific Indoor Farming Market by Offering: Integrated Systems, 2022-2032, \$ mn

Figure 27. Breakdown of Asia Pacific Indoor Farming Market by Growing System, 2022-2032, % of Sales Revenue

Figure 28. Asia Pacific Addressable Market Cap in 2023-2032 by Growing System, Value (\$ mn) and Share (%)

Figure 29. Asia Pacific Indoor Farming Market by Growing System: Aeroponics, 2022-2032, \$ mn

Figure 30. Asia Pacific Indoor Farming Market by Growing System: Hydroponics, 2022-2032, \$ mn

Figure 31. Asia Pacific Indoor Farming Market by Growing System: Aquaponics, 2022-2032, \$ mn

Figure 32. Asia Pacific Indoor Farming Market by Growing System: Soil-based, 2022-2032, \$ mn

Figure 33. Asia Pacific Indoor Farming Market by Growing System: Hybrid, 2022-2032, \$ mn

Figure 34. Breakdown of Asia Pacific Indoor Farming Market by Facility Type, 2022-2032, % of Sales Revenue

Figure 35. Asia Pacific Addressable Market Cap in 2023-2032 by Facility Type, Value (\$ mn) and Share (%)

Figure 36. Asia Pacific Indoor Farming Market by Facility Type: Glass or Poly Greenhouses, 2022-2032, \$ mn

Figure 37. Asia Pacific Indoor Farming Market by Facility Type: Indoor Vertical Farms, 2022-2032, \$ mn

Figure 38. Asia Pacific Indoor Farming Market by Facility Type: Container Farms, 2022-2032, \$ mn

Figure 39. Asia Pacific Indoor Farming Market by Facility Type: Indoor Deep Water Culture (DWC) Systems, 2022-2032, \$ mn

Figure 40. Asia Pacific Indoor Farming Market by Facility Type: Other Facility Types, 2022-2032, \$ mn

Figure 41. Breakdown of Asia Pacific Indoor Farming Market by Crop Type, 2022-2032, % of Revenue

Figure 42. Asia Pacific Addressable Market Cap in 2023-2032 by Crop Type, Value (\$ mn) and Share (%)

Figure 43. Asia Pacific Indoor Farming Market by Crop Type: Fruits and Vegetables, 2022-2032, \$ mn

Figure 44. Asia Pacific Indoor Farming Market by Fruits and Vegetables: Leafy Vegetables, 2022-2032, \$ mn

Figure 45. Asia Pacific Indoor Farming Market by Fruits and Vegetables: Tomato,

2022-2032, \$ mn

Figure 46. Asia Pacific Indoor Farming Market by Fruits and Vegetables: Strawberry, 2022-2032, \$ mn

Figure 47. Asia Pacific Indoor Farming Market by Fruits and Vegetables: Cucumber, 2022-2032, \$ mn

Figure 48. Asia Pacific Indoor Farming Market by Fruits and Vegetables: Other Fruits and Vegetables, 2022-2032, \$ mn

Figure 49. Asia Pacific Indoor Farming Market by Crop Type: Herbs and Microgreens, 2022-2032, \$ mn

Figure 50. Asia Pacific Indoor Farming Market by Herbs and Microgreens: Basil, 2022-2032, \$ mn

Figure 51. Asia Pacific Indoor Farming Market by Herbs and Microgreens: Herbs, 2022-2032, \$ mn

Figure 52. Asia Pacific Indoor Farming Market by Herbs and Microgreens: Tarragon, 2022-2032, \$ mn

Figure 53. Asia Pacific Indoor Farming Market by Herbs and Microgreens: Wheatgrass, 2022-2032, \$ mn

Figure 54. Asia Pacific Indoor Farming Market by Herbs and Microgreens: Other Herbs and Microgreens, 2022-2032, \$ mn

Figure 55. Asia Pacific Indoor Farming Market by Crop Type: Flowers and Ornamentals, 2022-2032, \$ mn

Figure 56. Asia Pacific Indoor Farming Market by Flowers and Ornamentals: Perennials, 2022-2032, \$ mn

Figure 57. Asia Pacific Indoor Farming Market by Flowers and Ornamentals: Annuals, 2022-2032, \$ mn

Figure 58. Asia Pacific Indoor Farming Market by Flowers and Ornamentals: Ornamentals, 2022-2032, \$ mn

Figure 59. Asia Pacific Indoor Farming Market by Flowers and Ornamentals: Other Flowers and Ornamentals, 2022-2032, \$ mn

Figure 60. Asia Pacific Indoor Farming Market by Crop Type: Other Crop Types, 2022-2032, \$ mn

Figure 61. Breakdown of APAC Indoor Farming Market by Country, 2022 and 2032, % of Revenue

Figure 62. Contribution to APAC 2023-2032 Cumulative Market by Country, Value (\$ mn) and Share (%)

Figure 63. Indoor Farming Market in Japan, 2022-2032, \$ mn

Figure 64. Indoor Farming Market in China, 2022-2032, \$ mn

Figure 65. Indoor Farming Market in Australia, 2022-2032, \$ mn

Figure 66. Indoor Farming Market in India, 2022-2032, \$ mn

Figure 67. Indoor Farming Market in South Korea, 2022-2032, \$ mn

Figure 68. Indoor Farming Market in Rest of APAC, 2022-2032, \$ mn

Figure 69. Growth Stage of Asia Pacific Indoor Farming Industry over the Forecast Period

I would like to order

Product name: Asia Pacific Indoor Farming Market 2022-2032 by Offering (Hardware, Software & Service, Integrated Systems), Growing System (Aeroponics, Hydroponics, Aquaponics, Soil-based, Hybrid), Facility Type (Greenhouses, Vertical, Container, DWC), Crop Type (Fruits and Vegetables, Herbs and Microgreens, Flowers and Ornamentals, Others), and Country: Trend Forecast and Growth Opportunity

Product link: <https://marketpublishers.com/r/A9971B540F2CEN.html>

Price: US\$ 2,040.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A9971B540F2CEN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:
Last name:
Email:
Company:
Address:
City:
Zip code:
Country:
Tel:
Fax:
Your message:

****All fields are required**

Customer signature _____

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below
and fax the completed form to +44 20 7900 3970