

Asia-Pacific Smart Crop Scouting and Smart Spraying Market: Analysis and Forecast, 2023-2028

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Abstracts

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Introduction to Asia-Pacific Smart Crop Scouting and Smart Spraying Market

The Asia-Pacific smart crop scouting and smart spraying market (excluding China) was valued at \$380.3 million in 2023, which is expected to grow with a CAGR of 20.31% and reach \$958.4 million by 2028. The smart crop scouting and smart spraying market is experiencing significant expansion, primarily due to the agricultural sector's increasing focus on achieving greater crop yields while minimizing expenses. Smart technologies for crop scouting and spraying provide precise and targeted methods for managing pests and diseases, optimizing nutrient application, and effectively controlling weeds. By empowering farmers to make informed decisions based on data, improving operational efficiency, reducing resource wastage, and mitigating environmental effects, these technologies are expected to drive the market's growth in the foreseeable future.

Market Introduction

The Asia-Pacific (APAC) region is witnessing substantial growth in the Smart Crop Scouting and Smart Spraying Market. This growth is primarily attributed to the region's thriving agricultural sector and the increasing adoption of advanced farming techniques. Smart crop scouting and spraying technologies are gaining prominence in APAC as they enable farmers to enhance crop management precision. These technologies offer targeted solutions for pest control, disease management, optimized nutrient application, and weed control, resulting in improved crop yields and reduced operational costs. Additionally, the rising awareness of sustainable agriculture practices and the need to minimize environmental impact are driving the demand for smart agricultural solutions in

the APAC region. As a result, the Smart Crop Scouting and Smart Spraying Market in APAC are poised for continued expansion in the coming years.

Market Segmentation:

Segmentation 1: by Application

Scouting

Spraying

Segmentation 2: by Scouting Product

Equipment

Software

Segmentation 3: Spraying by Product

Tractor Mounted and Self-Propelled Sprayers

Robotic Sprayers

Drone Sprayers

Segmentation 4: by Country

Japan

India

South Korea

Australia and New Zealand

Rest-of-Asia-Pacific

How Can This Report Add Value to an Organization?

Market Insight: The report on the APAC smart crop scouting and smart spraying market offers valuable insights into the industry landscape, market trends, and growth drivers. It provides a comprehensive understanding of the various smart spraying products, including tractor mounted and self-propelled sprayers, robotic sprayers, and drone sprayers. Additionally, it covers the scouting equipment used in the industry, such as drones, robots, and others. Moreover, the report discusses smart spraying applications, such as nutrient application and crop protection chemicals. This information allows organizations to gain a deeper understanding of market dynamics and identify potential opportunities for their products and applications.

Product/Innovation Strategy: By highlighting the different smart spraying products and scouting equipment, the report enables organizations to assess the market demand and adoption of these technologies. It provides insights into the advancements and innovations in the industry, helping organizations align their product development strategies to meet market requirements. Furthermore, the report explores the diverse smart spraying applications, assisting organizations in identifying areas for product diversification and expansion.

Competitive Strategy: The report profiles major players in the APAC smart crop scouting and smart spraying market, including manufacturers of spraying equipment and scouting technology providers. It assesses their competitive landscape, product portfolios, and strategies. Organizations can gain insights into their competitors' strengths and weaknesses, identify potential partnerships or collaborations, and position themselves effectively in the market.

Contents

Executive Summary

Scope of the Study

1 MARKET

1.1 Industry Outlook

1.1.1 Market Definition

1.1.2 Ongoing Trends

1.1.2.1 Emerging Innovative Network Technology for Smart Crop Scouting

1.1.2.1.1 Satellite

1.1.2.1.2 LoRaWAN

1.1.2.1.3 5G

1.1.2.2 Emerging Imaging and Data Collection Technologies

1.1.2.2.1 Hyperspectral Imaging

1.1.2.2.2 Multispectral Imaging

1.1.2.2.3 Thermal Imaging

1.1.2.2.4 LiDAR

1.1.3 Ecosystem/Ongoing Programs

1.1.3.1 Consortiums and Associations

1.1.3.2 Regulatory Bodies

1.1.3.3 Government Initiatives and Impact

1.2 Business Dynamics

1.2.1 Business Drivers

1.2.1.1 Need for Higher Production at Limited Resources

1.2.1.1.1 Labor Shortage

1.2.1.2 Increased Focus on Sustainable Agriculture

1.2.1.2.1 Growing Demand for Organic and Non-GMO Crops

1.2.2 Business Challenges

1.2.2.1 High Initial Investment

1.2.2.2 Data Security Related Concerns

1.2.2.3 Compatibility with Existing Equipment

1.2.2.4 Limited Availability of Skilled Labor

1.2.3 Market Strategies and Developments

1.2.3.1 Business Strategies

1.2.3.1.1 Product Development and Innovations

1.2.3.1.2 Business Expansion

1.2.3.2 Corporate Strategies

- 1.2.3.2.1 Partnerships, Joint Ventures, Collaborations, and Alliances
- 1.2.3.2.2 Mergers and Acquisitions
- 1.2.3.2.3 Others
- 1.2.3.2.4 Snapshot of Corporate Strategies Adopted by the Players in Smart Crop Scouting and Smart Spraying Market
- 1.2.3.3 Case Studies
 - 1.2.3.3.1 See & Spray Ultimate Sprayer Case Study
 - 1.2.3.3.2 5G Connected Autonomous Robots by KPN and AGROiNTELLi
 - 1.2.3.3.3 DJI Drone-Based Roden Control Case Study
- 1.2.4 Business Opportunities
 - 1.2.4.1 Integral Offerings with Horizontal Integration in Farming
 - 1.2.4.2 Climate-Smart Agriculture
- 1.3 Geopolitical and Socioeconomic Impacts
 - 1.3.1 Impact of COVID-19 on Smart Crop Scouting and Smart Spraying Market
 - 1.3.2 Impact of Russia-Ukraine on Smart Crop Scouting and Smart Spraying Market
- 1.4 Startup Landscape
 - 1.4.1 Key Startups in the Ecosystem
 - 1.4.2 Funding Analysis
 - 1.4.2.1 Total Investment and Number of Funding Deals
 - 1.4.2.2 Top Investors
 - 1.4.2.3 Top Funding Deals by the Startups and Investors
 - 1.4.2.4 Funding Analysis (by Country)

2 REGION

2.1 China

2.1.1 Market

- 2.1.1.1 Key Smart Crop Scouting and Smart Spraying Operators in China
- 2.1.1.2 Buyer Attributes
 - 2.1.1.2.1 Farm Size, Labor Availability, and State of Digitization in Agriculture
 - 2.1.1.2.2 Crop Pattern and Biotic and Abiotic Stress Factors
 - 2.1.1.2.3 Smart Crop Scouting Acreage (by Company)
- 2.1.1.3 Business Challenges
- 2.1.1.4 Business Drivers

2.1.2 Application

- 2.1.2.1 China Smart Crop Scouting Market (by Application)
- 2.1.2.2 China Smart Spraying Market (by Application)

2.1.3 Product

- 2.1.3.1 China Smart Crop Scouting Market (by Product)

2.1.3.2 China Smart Spraying Market (by Product)

2.2 Asia-Pacific

2.2.1 Market

2.2.1.1 Key Smart Crop Scouting and Smart Spraying Operators in the Asia-Pacific

2.2.1.2 Buyer Attributes

2.2.1.2.1 Farm Size, Labor Availability, and State of Digitization in Agriculture

2.2.1.2.2 Crop Pattern and Biotic and Abiotic Stress Factors

2.2.1.2.3 Smart Crop Scouting Acreage (by Company)

2.2.1.3 Business Challenges

2.2.1.4 Business Drivers

2.2.2 Application

2.2.2.1 Asia-Pacific Smart Crop Scouting Market (by Application)

2.2.2.2 Asia-Pacific Smart Spraying Market (by Application)

2.2.3 Product

2.2.3.1 Asia-Pacific Smart Crop Scouting Market (by Product)

2.2.3.2 Asia-Pacific Smart Spraying Market (by Product)

2.2.4 Asia-Pacific (by Country)

2.2.4.1 Japan

2.2.4.1.1 Market

2.2.4.1.1.1 Buyer Attributes

2.2.4.1.1.1.1 Farm Size, Labor Availability, and State of Digitization in Agriculture

2.2.4.1.1.1.2 Crop Pattern and Biotic and Abiotic Stress Factors

2.2.4.1.1.2 Business Challenges

2.2.4.1.1.3 Business Drivers

2.2.4.1.2 Application

2.2.4.1.2.1 Japan Smart Crop Scouting Market (by Application)

2.2.4.1.2.2 Japan Smart Spraying Market (by Application)

2.2.4.1.3 Product

2.2.4.1.3.1 Japan Smart Crop Scouting Market (by Product)

2.2.4.1.3.2 Japan Smart Spraying Market (by Product)

2.2.4.2 India

2.2.4.2.1 Market

2.2.4.2.1.1 Buyer Attributes

2.2.4.2.1.1.1 Farm Size, Labor Availability, and State of Digitization in Agriculture

2.2.4.2.1.1.2 Crop Pattern and Biotic and Abiotic Stress Factors

2.2.4.2.1.2 Business Challenges

2.2.4.2.1.3 Business Drivers

2.2.4.2.2 Application

2.2.4.2.2.1 India Smart Crop Scouting Market (by Application)

- 2.2.4.2.2.2 India Smart Spraying Market (by Application)
- 2.2.4.2.3 Product
 - 2.2.4.2.3.1 India Smart Crop Scouting Market (by Product)
 - 2.2.4.2.3.2 India Smart Spraying Market (by Product)
- 2.2.4.3 South Korea
 - 2.2.4.3.1 Market
 - 2.2.4.3.1.1 Buyer Attributes
 - 2.2.4.3.1.1.1 Farm Size, Labor Availability, and State of Digitization in Agriculture
 - 2.2.4.3.1.1.2 Crop Pattern and Biotic and Abiotic Stress Factors
 - 2.2.4.3.1.2 Business Challenges
 - 2.2.4.3.1.3 Business Drivers
 - 2.2.4.3.2 Application
 - 2.2.4.3.2.1 South Korea Smart Crop Scouting Market (by Application)
 - 2.2.4.3.2.2 South Korea Smart Spraying Market (by Application)
 - 2.2.4.3.3 Product
 - 2.2.4.3.3.1 South Korea Smart Crop Scouting Market (by Product)
 - 2.2.4.3.3.2 South Korea Smart Spraying Market (by Product)
- 2.2.4.4 Australia and New Zealand
 - 2.2.4.4.1 Market
 - 2.2.4.4.1.1 Buyer Attributes
 - 2.2.4.4.1.1.1 Farm Size, Labor Availability, and State of Digitization in Agriculture
 - 2.2.4.4.1.1.2 Crop Pattern and Biotic and Abiotic Stress Factors
 - 2.2.4.4.1.2 Business Challenges
 - 2.2.4.4.1.3 Business Drivers
 - 2.2.4.4.2 Application
 - 2.2.4.4.2.1 Australia and New Zealand Smart Crop Scouting Market (by Application)
 - 2.2.4.4.2.2 Australia and New Zealand Smart Spraying Market (by Application)
 - 2.2.4.4.3 Product
 - 2.2.4.4.3.1 Australia and New Zealand Smart Crop Scouting Market (by Product)
 - 2.2.4.4.3.2 Australia and New Zealand Smart Spraying Market (by Product)
- 2.2.4.5 Rest-of-Asia-Pacific
 - 2.2.4.5.1 Market
 - 2.2.4.5.1.1 Buyer Attributes
 - 2.2.4.5.1.1.1 Farm Size, Labor Availability, and State of Digitization in Agriculture
 - 2.2.4.5.1.1.2 Crop Pattern and Biotic and Abiotic Stress Factors
 - 2.2.4.5.1.2 Business Challenges
 - 2.2.4.5.1.3 Business Drivers
 - 2.2.4.5.2 Application

- 2.2.4.5.2.1 Rest-of-APAC Smart Crop Scouting Market (by Application)
- 2.2.4.5.2.2 Rest-of-APAC Smart Spraying Market (by Application)
- 2.2.4.5.3 Product
 - 2.2.4.5.3.1 Rest-of-APAC Smart Crop Scouting Market (by Product)
 - 2.2.4.5.3.2 Rest-of-APAC Smart Spraying Market (by Product)

3 MARKET - COMPETITIVE BENCHMARKING AND COMPANY PROFILES

- 3.1 Competitive Benchmarking
 - 3.1.1 Competitive Position Matrix
 - 3.1.1.1 Smart Crop Scouting
 - 3.1.1.2 Smart Spraying Market
 - 3.1.2 Market Share Analysis
 - 3.1.2.1 Smart Crop Scouting Market
 - 3.1.2.2 Smart Spraying Market
- 3.2 Competitive Analysis
- 3.3 Company Profiles
 - 3.3.1 Smart Crop Scouting
 - 3.3.1.1 Cropin Technology Solutions Private Limited
 - 3.3.1.1.1 Company Overview
 - 3.3.1.1.2 Role of Cropin Technology Solutions Private Limited in Smart Crop Scouting and Smart Spraying Market
 - 3.3.1.1.3 Product Portfolio
 - 3.3.1.1.4 Customer Profile
 - 3.3.1.1.4.1 Target Customers
 - 3.3.1.1.4.2 Key Clients
 - 3.3.1.1.5 Business Strategies
 - 3.3.1.1.5.1 Product Developments
 - 3.3.1.1.6 Corporate Strategies
 - 3.3.1.1.6.1 Partnerships, Joint Ventures, Collaborations, and Alliances
 - 3.3.1.1.7 Analyst View

4 RESEARCH METHODOLOGY

- 4.1 Data Sources
 - 4.1.1 Primary Data Sources
 - 4.1.2 Secondary Data Sources
 - 4.1.3 Data Triangulation
- 4.2 Market Estimation and Forecast

List Of Figures

LIST OF FIGURES

Figure 1: Factors Affecting Crop Production

Figure 2: Asia-Pacific Smart Scouting and Smart Spraying Market, \$Billion, 2022-2028

Figure 3: Market Dynamics for Asia-Pacific Smart Scouting and Smart Spraying Market

Figure 4: Asia-Pacific Smart Crop Scouting and Smart Spraying Market, \$Billion, 2022-2028 (by Application)

Figure 5: Asia-Pacific Smart Crop Scouting Market, \$Billion, 2022-2028 (by Application)

Figure 6: Asia-Pacific Smart Spraying Market, \$Billion, 2022-2028 (by Application)

Figure 7: Asia-Pacific Smart Crop Scouting Market, \$Billion, 2022-2028 (by Product)

Figure 8: Asia-Pacific Smart Spraying Market, \$Billion, 2022-2028 (by Product)

Figure 9: Smart Crop Scouting and Smart Spraying Market (by Region)

Figure 10: Number of People Employed in Agriculture, 2006-2019

Figure 11: Area Under Organic Agriculture and Organic Share, 1999-2019

Figure 12: Share of Key Market Strategies and Developments, 2019-2023

Figure 13: Product Development and Innovations (by Company)

Figure 14: Business Expansion (by Company)

Figure 15: Partnerships, Collaborations, Alliances, and Joint Ventures (by Company) 2019-2023

Figure 16: Mergers and Acquisitions (by Company)

Figure 17: Snapshot of Corporate Strategies Adopted by Key Players, January 2019-March 2023

Figure 18: See & Spray Ultimate Sprayer Case Study

Figure 19: 5G Connected Autonomous Robots by KPN and AGROiNTELLi

Figure 20: DJI Drone-Based Roden Control Case Study

Figure 21: Investment and Funding in Smart Crop Scouting and Smart Spraying Market, January 2018 – May 2023

Figure 22: Share of Top Investors in Smart Crop Scouting and Smart Spraying Market, January 2018 – May 2023

Figure 23: Smart Crop Scouting and Smart Spraying Funding Analysis by Country

Figure 24: Farm Size, Labor Availability, and State of Digitization in Agriculture

Figure 25: Crop Pattern and Biotic and Abiotic Stress Factors

Figure 26: Smart Crop Scouting Acreage (by Company)

Figure 27: Farm Size, Labor Availability, and State of Digitization in Agriculture

Figure 28: Crop Pattern and Biotic and Abiotic Stress Factors

Figure 29: Smart Crop Scouting Acreage (by Company)

Figure 30: Farm Size, Labor Availability, and State of Digitization in Agriculture

- Figure 31: Crop Pattern and Biotic and Abiotic Stress Factors
- Figure 32: Farm Size, Labor Availability, and State of Digitization in Agriculture
- Figure 33: Crop Pattern and Biotic and Abiotic Stress Factors
- Figure 34: Farm Size, Labor Availability, and State of Digitization in Agriculture
- Figure 35: Crop Pattern and Biotic and Abiotic Stress Factors
- Figure 36: Farm Size, Labor Availability, and State of Digitization in Agriculture (Australia)
- Figure 37: Farm Size, Labor Availability, and State of Digitization in Agriculture (New Zealand)
- Figure 38: Crop Pattern and Biotic and Abiotic Stress Factors
- Figure 39: Farm Size, Labor Availability, and State of Digitization in Agriculture
- Figure 40: Crop Pattern and Biotic and Abiotic Stress Factors
- Figure 41: Competitive Market: High and Low Matrix for Smart Crop Scouting Market
- Figure 42: Competitive Market: High and Low Matrix for Smart Spraying Market
- Figure 43: Market Share Analysis of Smart Crop Scouting Companies, 2022
- Figure 44: Market Share Analysis of Smart Spraying Companies, 2022
- Figure 45: Data Triangulation
- Figure 46: Top-Down and Bottom-Up Approach
- Figure 47: Assumptions and Limitations

List Of Tables

LIST OF TABLES

Table 1: Smart Crop Scouting and Smart Spraying Market (by Region), \$Million, 2022-2028

Table 2: China Smart Crop Scouting Market (by Application), \$Million, 2022-2028

Table 3: China Smart Spraying Market (by Application), \$Million, 2022-2028

Table 4: China Smart Crop Scouting Market (by Equipment), Units, 2022-2028

Table 5: China Smart Crop Scouting Market (by Equipment), \$Million, 2022-2028

Table 6: China Smart Crop Scouting Market (by Software), \$Million, 2022-2028

Table 7: China Smart Spraying Market (by Product), Units, 2022-2028

Table 8: China Smart Spraying Market (by Product), \$Million, 2022-2028

Table 9: Asia-Pacific Smart Crop Scouting Market (by Application), \$Million, 2022-2028

Table 10: Asia-Pacific Smart Spraying Market (by Application), \$Million, 2022-2028

Table 11: Asia-Pacific Smart Crop Scouting Market (by Equipment), Units, 2022-2028

Table 12: Asia-Pacific Smart Crop Scouting Market (by Equipment), \$Million, 2022-2028

Table 13: Asia-Pacific Smart Crop Scouting Market (by Software), \$Million, 2022-2028

Table 14: Asia-Pacific Smart Spraying Market (by Product), Units, 2022-2028

Table 15: Asia-Pacific Smart Spraying Market (by Product), \$Million, 2022-2028

Table 16: Japan Smart Crop Scouting Market (by Application), \$Million, 2022-2028

Table 17: Japan Smart Spraying Market (by Application), \$Million, 2022-2028

Table 18: Japan Smart Crop Scouting Market (by Equipment), Units, 2022-2028

Table 19: Japan Smart Crop Scouting Market (by Equipment), \$Million, 2022-2028

Table 20: Japan Smart Crop Scouting Market (by Software), \$Million, 2022-2028

Table 21: Japan Smart Spraying Market (by Product), Units, 2022-2028

Table 22: Japan Smart Spraying Market (by Product), \$Million, 2022-2028

Table 23: India Smart Crop Scouting Market (by Application), \$Million, 2022-2028

Table 24: India Smart Spraying Market (by Application), \$Million, 2022-2028

Table 25: India Smart Crop Scouting Market (by Equipment), Units, 2022-2028

Table 26: India Smart Crop Scouting Market (by Equipment), \$Million, 2022-2028

Table 27: India Smart Crop Scouting Market (by Software), \$Million, 2022-2028

Table 28: India Smart Spraying Market (by Product), Units, 2022-2028

Table 29: India Smart Spraying Market (by Product), \$Million, 2022-2028

Table 30: South Korea Smart Crop Scouting Market (by Application), \$Million, 2022-2028

Table 31: South Korea Smart Spraying Market (by Application), \$Million, 2022-2028

Table 32: South Korea Smart Crop Scouting Market (by Equipment), Units, 2022-2028

Table 33: South Korea Smart Crop Scouting Market (by Equipment), \$Million,

2022-2028

Table 34: South Korea Smart Crop Scouting Market (by Software), \$Million, 2022-2028

Table 35: South Korea Smart Spraying Market (by Product), \$Units, 2022-2028

Table 36: South Korea Smart Spraying Market (by Product), \$Million, 2022-2028

Table 37: Australia and New Zealand Smart Crop Scouting Market (by Application), \$Million, 2022-2028

Table 38: Australia and New Zealand Smart Spraying Market (by Application), \$Million, 2022-2028

Table 39: Australia and New Zealand Smart Crop Scouting Market (by Equipment), Units, 2022-2028

Table 40: Australia and New Zealand Smart Crop Scouting Market (by Equipment), \$Million, 2022-2028

Table 41: Australia and New Zealand Smart Crop Scouting Market (by Software), \$Million, 2022-2028

Table 42: Australia and New Zealand Smart Spraying Market (by Product), Units, 2022-2028

Table 43: Australia and New Zealand Smart Spraying Market (by Product), \$Million, 2022-2028

Table 44: Rest-of-APAC Smart Crop Scouting Market (by Application), \$Million, 2022-2028

Table 45: Rest-of-APAC Smart Spraying Market (by Application), \$Million, 2022-2028

Table 46: Rest-of-APAC Smart Crop Scouting Market (by Equipment), Units, 2022-2028

Table 47: Rest-of-APAC Smart Crop Scouting Market (by Equipment), \$Million, 2022-2028

Table 48: Rest-of-APAC Smart Crop Scouting Market (by Software), \$Million, 2022-2028

Table 49: Rest-of-APAC Smart Spraying Market (by Product), \$Units, 2022-2028

Table 50: Rest-of-APAC Smart Spraying Market (by Product), \$Million, 2022-2028

Table 51: Competitive Analysis of Major Agrochemical Companies

Table 52: Cropin Technology Solutions Private Limited: Pricing and Product Portfolio

Table 53: Cropin Technology Solutions Private Limited: Product Developments

Table 54: Partnerships, Joint Ventures, Collaborations, and Alliances

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