

# Global Agricultural Drones Market 2016-2025 by System Segment, Application, Product Type, and by Region

<https://marketpublishers.com/r/G783E652863EN.html>

Date: September 2016

Pages: 211

Price: US\$ 2,533.00 (Single User License)

ID: G783E652863EN

## Abstracts

Agriculture is considered as a prime area of potential growth in the drone industry because of the technology's ability to help survey crops and gather real-time information on farmland. Crop-spraying drones are suitable for all kinds of complex terrain, crops and plantations of varying heights. In addition, precise and accurate crop spraying ensures the best coverage and application of fertilizers or pesticides on lands. Agricultural drones are anticipated to account for a significant and ever-growing portion of the overall agricultural drones industry in the next decade. GMD predicts the global agricultural drones or UAVs market to grow phenomenally at 37.1% per annum by unit shipment, and 28.9% yearly on average by annual sales revenue generated from agricultural UAV hardware, drone software and servicing section over the next decade (2016-2025).

Global Agricultural Drones Market 2016-2025 by System Segment, Application, Product Type, and by Region examines the global agricultural drones market through a comprehensive research and profound analysis of premium information sources with inputs derived from industry professionals across the value chain. After reviewing global economic environments and global agricultural sector, this report provides a detailed analysis of market structure, market trends, market forces, and market segments. Qualitative market analyses include identification and investigation of market structure, market outlook, growth drivers, restraints and challenges, emerging market trends/opportunities, Porter's Five Forces, M&A landscape as well as fundraising trends.

The report quantifies global agricultural drones market from perspectives of UAV system segment, agri-drone application, rotor type, and region.

Based on UAV system segment, the global market is segmented into the following three sections:

Drones Hardware (frame, controller system, propulsion system, sensors, cameras, etc.)

Drones Software (imaging software, GPS, GIS, etc.)

Service (cloud service, integration, engineering, and management)

By application field of agricultural drones, the following key segments of the market are studied:

Crop Spraying

Field Mapping

Pest Control

Seeding

Livestock Management

Others

On basis of rotor type or lifting technology, the global market is segmented into four sections:

Fixed-Wing Drones

Multi-Rotor Drones

Single-Rotor Drones

Hybrid-Rotor Drones

Geographically, the following five regions are fully investigated:

APAC

Europe

North America

Latin America

RoW

Global data is available for annual shipment and annual revenue generated from agricultural drones in each sub-market over the duration of 2014-2025. Specific analysis and forecast of annual shipment and sales revenue over 2014-2025 are performed for 14 important national markets including U.S., Japan, Germany, South Korea, Australia, China, and UK. North America is expected to maintain the largest regional market due to substantial R&D investment and higher penetration rate of UAVs over the next decade. Asia-Pacific region will witness the strongest growth owing to the untapped market and accelerating adoption of agricultural drones.

The report also includes current competitive scenario and the main agricultural drones on market, and profiles 32 agri-drone vendors including market leaders and important emerging players.

Highlighted with 6 tables and 82 figures, this 211-page report provides timely data and detailed analysis to help clients targeting the global market to identify business opportunities and execute an effective strategy.

## Contents

### **1 INTRODUCTION**

- 1.1 Industry Definition and Research Scope
- 1.2 Research Methodology
- 1.3 Executive Summary

### **2 MARKET ENVIRONMENT**

- 2.1 World Economy: Current Conditions and Outlook to 2030
- 2.2 World Demographic Profile and Trends to 2050
- 2.3 Outlook of Global Agricultural Sector to 2025

### **3 MARKET OVERVIEW AND QUALITATIVE ANALYSIS**

- 3.1 Market Structure
- 3.2 Market Overview
- 3.3 Major Growth Drivers
- 3.4 Market Restraints and Challenges
- 3.5 Emerging Opportunities and Market Trends
- 3.6 Porter's Fiver Forces Analysis
- 3.7 Key M&A Trends and Strategic Partnerships
- 3.8 Fundraising in Global Agricultural Drones Market

### **4 SEGMENTATION OF GLOBAL MARKET BY APPLICATION**

- 4.1 Market Overview by Application
- 4.2 Agricultural Drones Market in Crop Spraying 2014-2025
- 4.3 Agricultural Drones Market in Field Mapping 2014-2025
- 4.4 Agricultural Drones Market in Pest Control 2014-2025
- 4.5 Agricultural Drones Market in Seeding Application 2014-2025
- 4.6 Agricultural Drones Market in Livestock Management 2014-2025
- 4.7 Agricultural Drones Market in Other Applications 2014-2025

### **5 SEGMENTATION OF GLOBAL MARKET BY PRODUCT TYPE**

- 5.1 Market Overview by Product Type
- 5.2 Fixed-wing Agricultural Drones Market 2014-2025

- 5.3 Multi-rotor Agricultural Drones Market 2014-2025
- 5.4 Single-rotor Agricultural Drones Market 2014-2025
- 5.5 Hybrid-rotor Agricultural Drones Market 2014-2025

## **6 SEGMENTATION OF GLOBAL MARKET BY REGION**

- 6.1 Geographic Market Overview by Region 2015-2025
- 6.2 North America Market 2014-2025
  - 6.2.1 Overview of North America Market
  - 6.2.2 U.S. Market
  - 6.2.3 Canadian Market
- 6.3 European Market 2014-2025
  - 6.3.1 Overview of European Market
  - 6.3.2 Germany
  - 6.3.3 France
  - 6.3.4 UK
  - 6.3.5 Italy
  - 6.3.6 Spain
  - 6.3.7 Rest of European Market
- 6.4 Asia-Pacific Market 2014-2025
  - 6.4.1 Overview of Asia-Pacific Market
  - 6.4.2 Japan
  - 6.4.3 China
  - 6.4.4 South Korea
  - 6.4.5 Australia
  - 6.4.6 India
  - 6.4.7 Rest of APAC Region
- 6.5 Latin America Market 2014-2025
  - 6.5.1 Overview of Latin America Market
  - 6.5.2 Mexico
  - 6.5.3 Brazil
  - 6.5.4 Rest of Latin America
- 6.6 Rest of World Market 2014-2025

## **7 COMPETITIVE LANDSCAPE**

- 7.1 Overview of Global Vendors
- 7.2 Recent Product Launches and Updates
- 7.3 Company Profiles (32 Vendors)

## RELATED REPORTS AND PRODUCTS

## List Of Tables

### LIST OF TABLES:

Table 1. Market Trend of Global Agricultural Drones by Shipment and Revenue, 2015-2025

Table 2. Average Annual Growth Rates of Global Real GDP, Outlook to 2030

Table 3. Population Estimates by Region, 2015, 2030, 2050, and 2100 (millions)

Table 4. Vendors and Features of Field Mapping Agri-drones on Market

Table 5. Pros and Cons Comparison of Commercial Drones with Various Rotor Types

Table 6. Product Offerings of Agricultural Drone Vendors

## List Of Figures

### LIST OF FIGURES:

Figure 1. Research Method Flow Chart

Figure 2. GDP Growth Rates in OECD and Developing Countries: Comparison of 2006-15 and 2016-25

Figure 3. Global Demand for Main Agricultural Products: Comparing Annual Growth Rate of 2003-2012 and Forecast CAGR of 2013-2022

Figure 4. Global Agricultural Production by Region: Comparing Annual Growth Rate of 2003-2012 and Forecast CAGR of 2013-2022

Figure 5. Structure Tree of Robotics Market

Figure 6. Structure of Global Agricultural Drones Market

Figure 7. Global Agricultural Drones Market by Unit Shipment, 2014-2025, thousand units

Figure 8. Global Agricultural Drones Market by Sales Revenue, 2014-2025, \$ bn

Figure 9. Breakdown of Global Agricultural Drones Market by System Segment, 2016 and 2025, % of Revenue

Figure 10. Global Agricultural Drones Hardware Market, 2014-2025, \$ bn

Figure 11. Global Agricultural Drones Software Market, 2014-2025, \$ bn

Figure 12. Global Agricultural Drones Service Market, 2014-2025, \$ bn

Figure 13. Breakdown of Global Agricultural Drones Market by Application, 2016 and 2025, % of Unit Shipment

Figure 14. Breakdown of Global Agricultural Drones Market by Application, 2016 and 2025, % of Revenue

Figure 15. Comparison of 2015-2025 Shipment Growth Rates by Application

Figure 16. Comparison of 2015-2025 Revenue Growth Rates by Application

Figure 17. Global Agricultural Drones Market for Crop Spraying by Unit Shipment, 2014-2025, thousand units

Figure 18. Global Agricultural Drones Market for Crop Spraying by Sales Revenue, 2014-2025, \$ mn

Figure 19. Global Agricultural Drones Market for Field Mapping by Unit Shipment, 2014-2025, thousand units

Figure 20. Global Agricultural Drones Market for Field Mapping by Sales Revenue, 2014-2025, \$ mn

Figure 21. Global Agricultural Drones Market for Pest Control by Unit Shipment, 2014-2025, thousand units

Figure 22. Global Agricultural Drones Market for Pest Control by Sales Revenue, 2014-2025, \$ bn



Figure 23. Global Agricultural Drones Market for Seeding Application by Unit Shipment, 2014-2025, thousand units

Figure 24. Global Agricultural Drones Market for Seeding Application by Sales Revenue, 2014-2025, \$ mn

Figure 25. Global Agricultural Drones Market for Livestock Management by Unit Shipment, 2014-2025, thousand units

Figure 26. Global Agricultural Drones Market for Livestock Management by Sales Revenue, 2014-2025, \$ mn

Figure 27. Global Agricultural Drones Market for Other Applications by Unit Shipment, 2014-2025, thousand units

Figure 28. Global Agricultural Drones Market for Other Applications by Sales Revenue, 2014-2025, \$ mn

Figure 29. Breakdown of Global Agricultural Drones Market by Product Type (Rotor Type), 2016 and 2025, % of Unit Shipment

Figure 30. Breakdown of Global Agricultural Drones Market by Product Type (Rotor Type), 2016 and 2025, % of System Revenue

Figure 31. Comparison of 2015-2025 Shipment Growth Rates by Product Type (Rotor Type)

Figure 32. Comparison of 2015-2025 Revenue Growth Rates by Product Type (Rotor Type)

Figure 33. Global Fixed-wing Agricultural Drones Market by Unit Shipment, 2014-2025, thousand units

Figure 34. Global Fixed-wing Agricultural Drones Market by Sales Revenue, 2014-2025, \$ bn

Figure 35. Global Multi-rotor Agricultural Drones Market by Unit Shipment, 2014-2025, thousand units

Figure 36. Global Multi-rotor Agricultural Drones Market by Sales Revenue, 2014-2025, \$ bn

Figure 37. Global Single-rotor Agricultural Drones Market by Unit Shipment, 2014-2025, thousand units

Figure 38. Global Single-rotor Agricultural Drones Market by Sales Revenue, 2014-2025, \$ bn

Figure 39. Global Hybrid-rotor Agricultural Drones Market by Unit Shipment, 2014-2025, thousand units

Figure 40. Global Hybrid-rotor Agricultural Drones Market by Sales Revenue, 2014-2025, \$ bn

Figure 41. Geographic Spread of Worldwide Agricultural Drones Market, 2016 and 2025, % of Unit Shipment

Figure 42. Geographic Spread of Worldwide Agricultural Drones Market, 2016 and

2025, % of Sales Revenue

Figure 43. Comparison of 2015-2025 Shipment Growth Rates by Region

Figure 44. Comparison of 2015-2025 Revenue Growth Rates by Region

Figure 45. North American Agricultural Drones Market by Shipment, 2014-2025, thousand units

Figure 46. North American Agricultural Drones Market by Revenue, 2014-2025, \$ bn

Figure 47. Breakdown of North America Agricultural Drones Market by Country, 2016 and 2025, % of Revenue

Figure 48. 2015-2025 Revenue Growth Rates of National Markets in North America

Figure 49. U.S. Agricultural Drones Market, 2014-2025, \$ mn

Figure 50. Canadian Agricultural Drones Market, 2014-2025, \$ mn

Figure 51. European Agricultural Drones Market by Shipment, 2014-2025, thousand units

Figure 52. European Agricultural Drones Market by Revenue, 2014-2025, \$ bn

Figure 53. Breakdown of European Agricultural Drones Market by Country, 2016 and 2025, % of Revenue

Figure 54. 2015-2025 Revenue Growth Rates of National Markets in Europe

Figure 55. Agricultural Drones Market in Germany, 2014-2025, \$ mn

Figure 56. Agricultural Drones Market in France, 2014-2025, \$ mn

Figure 57. Agricultural Drones Market in UK, 2014-2025, \$ mn

Figure 58. Agricultural Drones Market in Italy, 2014-2025, \$ mn

Figure 59. Agricultural Drones Market in Spain, 2014-2025, \$ mn

Figure 60. Agricultural Drones Market in Rest of Europe, 2014-2025, \$ mn

Figure 61. Asia-Pacific Agricultural Drones Market by Shipment, 2014-2025, thousand units

Figure 62. Asia-Pacific Agricultural Drones Market by Revenue, 2014-2025, \$ bn

Figure 63. Breakdown of APAC Agricultural Drones Market by Country, 2016 and 2025, % of Revenue

Figure 64. 2015-2025 Revenue Growth Rates of National Markets in APAC

Figure 65. Agricultural Drones Market in Japan, 2014-2025, \$ mn

Figure 66. Agricultural Drones Market in China, 2014-2025, \$ mn

Figure 67. Agricultural Drones Market in South Korea, 2014-2025, \$ mn

Figure 68. Agricultural Drones Market in Australia, 2014-2025, \$ mn

Figure 69. Agricultural Drones Market in India, 2014-2025, \$ mn

Figure 70. Agricultural Drones Market in Rest APAC, 2014-2025, \$ mn

Figure 71. Latin America Agricultural Drones Market by Shipment, 2014-2025, thousand units

Figure 72. Latin America Agricultural Drones Market by Revenue, 2014-2025, \$ bn

Figure 73. Breakdown of Latin America Agricultural Drones Market by Country, 2016

and 2025, % of Revenue

Figure 74. 2015-2025 Revenue Growth Rates of National Markets in Latin America

Figure 75. Agricultural Drones Market in Mexico, 2014-2025, \$ mn

Figure 76. Agricultural Drones Market in Brazil, 2014-2025, \$ mn

Figure 77. Agricultural Drones Market in Rest of Latin America, 2014-2025, \$ mn

Figure 78. Agricultural Drones Market in Rest of the World (RoW) by Shipment, 2014-2025, thousand units

Figure 79. Agricultural Drones Market in Rest of the World (RoW) by Revenue, 2014-2025, \$ bn

Figure 80. Agribotix Hornet Drone and Agribotix Image Processing Services

Figure 81. PrecisionHawk Lancaster and Plug-in Sensors

Figure 82. senseFly eBee Ag and Autopilot System

## **COMPANIES MENTIONED**

3D Robotics (US)

AeroVironment, Inc. (US)

Aeryon Labs (Canada)

AgEagle Aerial Systems Inc. (US)

Agribotix LLC (US)

Airware, Inc. (US)

Ascending Technologies GmbH (Germany)

AutoCopter Corp. (U.S.)

Boeing (US)

Dajiang Innovation Technology Inc. (DJI) (China)

Delair-Tech (France)

Draganfly Innovations (Canada)

Dreamhammer, Inc. (US)

DroneDeploy (U.S.)

Eagle UAV Services (U.S.)

General Atomics Aeronautical Systems (US)

GoPro, Inc. (US)

HoneyComb Corporation (US)

Hubsan Technology Co., Ltd. (China)

HUVRData, LLC (US)

Israel Aerospace Industries (Israel)

Marcus UAV Inc (US)

Northrop Grumman Corporation (US)

Precision Drone (US)

PrecisionHawk (US)  
Proxy Technologies (US)  
Schiebel (Austria)  
senseFly (Switzerland)  
Skycatch Inc (US)  
Trimble Navigation Ltd. (US)  
URSULA Agriculture (U.K.)  
Yamaha Motor Co., Ltd. (Japan)

## I would like to order

Product name: Global Agricultural Drones Market 2016-2025 by System Segment, Application, Product Type, and by Region

Product link: <https://marketpublishers.com/r/G783E652863EN.html>

Price: US\$ 2,533.00 (Single User License / Electronic Delivery)

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

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G783E652863EN.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

