

# Europe Agriculture Imaging Sensor Market: Focus on Application, Product, and Country - Analysis and Forecast, 2023-2033

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## Abstracts

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### Introduction to Europe Agriculture Imaging Sensor Market

The Europe agriculture imaging sensor market was valued at \$501.1 million in 2023 and is expected to reach \$2,089.7 million by 2033. Growing adoption and advancement of this technology in the region is driving the substantial growth of the European agriculture imaging sensor market. Early in 2023, the European Commission released a significant report that emphasized the growing adoption of digital agriculture technologies throughout the EU's farming industry. The report emphasized how Europe's dedication to technological innovation is reflected in the increasing use of yield maps, soil maps, and variable rate technologies (VRT) in important crops. The extensive use of imaging sensors in digital mapping points to a significant and expected increase in demand for these sensors in Europe over the next several years.

Multispectral sensors are emerging as a key product category in the global market for agriculture imaging sensors, which is likewise experiencing a revolutionary change. These sensors, capable of capturing data across multiple wavelengths, provide European farmers with essential insights into crop health, nutrient levels, and pest infestations. This advanced technology supports precise decision-making, enhancing agricultural practices to increase yields and improve resource efficiency.

## Market Introduction

With the agricultural sector adopting precision farming technologies more frequently to increase crop yields, optimize resource use, and lessen environmental impact, precision farming technologies market for agriculture imaging sensors in Europe is growing quickly. Imaging sensors are becoming indispensable tools for European farmers trying to meet the challenges of modern agriculture because they capture detailed data on crop health, soil conditions, and field variability. These sensors, which include thermal, hyperspectral, and multispectral imaging tools, offer vital information that facilitates accurate decision-making in a variety of applications, from maximizing fertilization and irrigation to spotting early warning indications of disease and pest infestation.

A number of factors, such as the EU's emphasis on food security, sustainable agriculture, and the reduction of greenhouse gas emissions, are driving the market's growth. Policies like the Common Agricultural Policy (CAP) and the European Green Deal and the Common Agricultural Policy (CAP) are pushing for the adoption of digital and precision farming technologies, which, in turn, boosts demand for advanced imaging sensors. Additionally, the increasing availability of high-resolution satellite imagery and drone-based imaging systems is making these technologies more accessible and affordable for farmers across the region.

The market for agriculture imaging sensors in Europe is expected to grow significantly as the agricultural sector continues to embrace digital transformation. This development will be critical to the region's ability to continue practicing sustainable farming.

## Market Segmentation

### Segmentation 1: by End User

Agriculture Robot Manufacturer

Agriculture Drone Manufacturer

Livestock Monitoring Equipment Manufacturer

Others

### Segmentation 2: by Product

RGB Sensor

Hyperspectral Sensor

Multispectral Sensor

Others

### Segmentation 3: by Country

Germany

France

U.K.

Belgium

Spain

Italy

Ukraine

Rest-of-Europe

How can this report add value to an organization?

**Product/Innovation Strategy:** The product segment helps the reader understand the different applications of the Europe agriculture imaging sensor products available based on distribution channel, product type, and technology. The market is poised for significant expansion with ongoing technological advancements, increased investments, and growing awareness of precision agriculture. Therefore, the agriculture imaging sensor business is a high-investment and high-revenue generating model.

**Growth/Marketing Strategy:** The Europe agriculture imaging sensor market has been growing at a rapid pace. The market offers enormous opportunities for existing and

emerging market players. Some of the strategies covered in this segment are mergers and acquisitions, product launches, partnerships and collaborations, business expansions, and investments. The strategies preferred by companies to maintain and strengthen their market position primarily include partnerships and collaborations.

**Competitive Strategy:** The key players in the Europe agriculture imaging sensor market analyzed and profiled in the study include imaging sensor manufacturers. Additionally, a comprehensive competitive landscape such as partnerships, agreements, and collaborations are expected to aid the reader in understanding the untapped revenue pockets in the market.

### Key Market Players and Competition Synopsis

The companies that are profiled have been selected based on inputs gathered from primary experts and analyzing company coverage, product portfolio, and market penetration.

Some of the prominent names in this market are:

Cubert GmbH

Specim

Parrot Drone SAS

## Contents

Executive Summary  
Scope and Definition

### 1 MARKETS

- 1.1 Trends: Current and Future Impact Assessment
  - 1.1.1 Advancements in Artificial Intelligence
  - 1.1.2 Integration with Drones and Automated Machinery
  - 1.1.3 Rising Trend of Cost-Effective Imaging Sensors
- 1.2 Supply Chain Overview
  - 1.2.1 Value Chain Analysis
  - 1.2.2 Market Map
- 1.3 Regulatory Landscape
- 1.4 Market Dynamics Overview
  - 1.4.1 Market Drivers
    - 1.4.1.1 Increasing Use of Precision Agriculture and Yield Optimization
    - 1.4.1.2 Innovations in Imaging Technologies
    - 1.4.1.3 Government Initiatives and Support
  - 1.4.2 Market Restraints
    - 1.4.2.1 High Initial Investment Cost
    - 1.4.2.2 Lack of Technical Skills in Farmers
  - 1.4.3 Market Opportunities
    - 1.4.3.1 Collaborations in Agri-Tech Startups
    - 1.4.3.2 Expansion in Developing Economies

### 2 REGIONS

- 2.1 Regional Summary
- 2.2 Europe
  - 2.2.1 Regional Overview
  - 2.2.2 Driving Factors for Market Growth
  - 2.2.3 Factors Challenging the Market
  - 2.2.4 Application
  - 2.2.5 Product
  - 2.2.6 France
  - 2.2.7 Germany
  - 2.2.8 U.K.

- 2.2.9 Spain
- 2.2.10 Italy
- 2.2.11 Belgium
- 2.2.12 Ukraine
- 2.2.13 Rest-of-Europe

### **3 MARKETS - COMPETITIVE BENCHMARKING & COMPANY PROFILES**

- 3.1.1 Cubert GmbH
  - 3.1.1.1 Overview
  - 3.1.1.2 Top Products/Product Portfolio
  - 3.1.1.3 Top Competitors
  - 3.1.1.4 Target Customers
  - 3.1.1.5 Key Personnel
  - 3.1.1.6 Analyst View
  - 3.1.1.7 Market Share
- 3.1.2 Specim
  - 3.1.2.1 Overview
  - 3.1.2.2 Top Products/Product Portfolio
  - 3.1.2.3 Top Competitors
  - 3.1.2.4 Target Customers
  - 3.1.2.5 Key Personnel
  - 3.1.2.6 Analyst View
  - 3.1.2.7 Market Share
- 3.1.3 Parrot Drone SAS
  - 3.1.3.1 Overview
  - 3.1.3.2 Top Products/Product Portfolio
  - 3.1.3.3 Top Competitors
  - 3.1.3.4 Target Customers
  - 3.1.3.5 Key Personnel
  - 3.1.3.6 Analyst View
  - 3.1.3.7 Market Share

### **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: Europe Agriculture Imaging Sensor Market (by End User), \$Million, 2022, 2023, and 2033

Figure 2: Europe Agriculture Imaging Sensor Market (by Product), \$ Million, 2022, 2023, and 2033

Figure 3: Agriculture Imaging Sensor, Recent Developments

Figure 4: Investments in Artificial Intelligence, \$Billion, 2019-2022

Figure 5: Supply Chain and Risks within the Supply Chain

Figure 6: Impact Analysis of Market Navigating Factors, 2023-2033

Figure 7: France Agriculture Imaging Sensor Market, \$Million, 2022-2033

Figure 8: Germany Agriculture Imaging Sensor Market, \$Million, 2022-2033

Figure 9: U.K. Agriculture Imaging Sensor Market, \$Million, 2022-2033

Figure 10: Spain Agriculture Imaging Sensor Market, \$Million, 2022-2033

Figure 11: Italy Agriculture Imaging Sensor Market, \$Million, 2022-2033

Figure 12: Belgium Agriculture Imaging Sensor Market, \$Million, 2022-2033

Figure 13: Ukraine Agriculture Imaging Sensor Market, \$Million, 2022-2033

Figure 14: Rest-of-Europe Agriculture Imaging Sensor Market, \$Million, 2022-2033

Figure 15: Data Triangulation

Figure 16: Top-Down and Bottom-Up Approach

Figure 17: Assumptions and Limitations



## List Of Tables

### LIST OF TABLES

Table 1: Market Snapshot

Table 2: Opportunities across Region

Table 3: Agriculture Imaging Sensor Market (by Region), \$Million, 2022-2033

Table 4: Europe Agriculture Imaging Sensor Market (by End User), \$Million, 2022-2033

Table 5: Europe Agriculture Imaging Sensor Market (by End User), Units, 2022-2033

Table 6: Europe Agriculture Imaging Sensor Market (by Product), \$Million, 2022-2033

Table 7: Europe Agriculture Imaging Sensor Market (by Product), Units, 2022-2033

Table 8: France Agriculture Imaging Sensor Market (by End User), \$Million, 2022-2033

Table 9: France Agriculture Imaging Sensor Market (by End User), Units, 2022-2033

Table 10: France Agriculture Imaging Sensor Market (by Product), \$Million, 2022-2033

Table 11: France Agriculture Imaging Sensor Market (by Product), Units, 2022-2033

Table 12: Germany Agriculture Imaging Sensor Market (by End User), \$Million, 2022-2033

Table 13: Germany Agriculture Imaging Sensor Market (by End User), Units, 2022-2033

Table 14: Germany Agriculture Imaging Sensor Market (by Product), \$Million, 2022-2033

Table 15: Germany Agriculture Imaging Sensor Market (by Product), Units, 2022-2033

Table 16: U.K. Agriculture Imaging Sensor Market (by End User), \$Million, 2022-2033

Table 17: U.K. Agriculture Imaging Sensor Market (by End User), Units, 2022-2033

Table 18: U.K. Agriculture Imaging Sensor Market (by Product), \$Million, 2022-2033

Table 19: U.K. Agriculture Imaging Sensor Market (by Product), Units, 2022-2033

Table 20: Spain Agriculture Imaging Sensor Market (by End User), \$Million, 2022-2033

Table 21: Spain Agriculture Imaging Sensor Market (by End User), Units, 2022-2033

Table 22: Spain Agriculture Imaging Sensor Market (by Product), \$Million, 2022-2033

Table 23: Spain Agriculture Imaging Sensor Market (by Product), Units, 2022-2033

Table 24: Italy Agriculture Imaging Sensor Market (by End User), \$Million, 2022-2033

Table 25: Italy Agriculture Imaging Sensor Market (by End User), Units, 2022-2033

Table 26: Italy Agriculture Imaging Sensor Market (by Product), \$Million, 2022-2033

Table 27: Italy Agriculture Imaging Sensor Market (by Product), Units, 2022-2033

Table 28: Belgium Agriculture Imaging Sensor Market (by End User), \$Million, 2022-2033

Table 29: Belgium Agriculture Imaging Sensor Market (by End User), Units, 2022-2033

Table 30: Belgium Agriculture Imaging Sensor Market (by Product), \$Million, 2022-2033

Table 31: Belgium Agriculture Imaging Sensor Market (by Product), Units, 2022-2033

Table 32: Ukraine Agriculture Imaging Sensor Market (by End User), \$Million,

2022-2033

Table 33: Ukraine Agriculture Imaging Sensor Market (by End User), Units, 2022-2033

Table 34: Ukraine Agriculture Imaging Sensor Market (by Product), \$Million, 2022-2033

Table 35: Ukraine Agriculture Imaging Sensor Market (by Product), Units, 2022-2033

Table 36: Rest-of-Europe Agriculture Imaging Sensor Market (by End User), \$Million, 2022-2033

Table 37: Rest-of-Europe Agriculture Imaging Sensor Market (by End User), Units, 2022-2033

Table 38: Rest-of-Europe Agriculture Imaging Sensor Market (by Product), \$Million, 2022-2033

Table 39: Rest-of-Europe Agriculture Imaging Sensor Market (by Product), Units, 2022-2033

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