capture solutions

farmcapture

Digitizing agricultural insights

www.capturesolutions.com

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farmcapture

FarmCapture is a comprehensive application that systematically collects, analyses, and organises data and information about farmers. It aims to provide insights into their characteristics, needs, and circumstances, aligning with specific compliance and certifications.

The app employs digital traceability through the use of advanced technologies, tracking the journey of agricultural products from the farm to the consumer. It comprises different modules for digitising farmer agreements, farm inspection, and farm mapping, including GPS and polygons.

Goals

1. Digital Profiling of Farmers
Creating comprehensive digital profiles for farmers and uploading their geolocation information.

2. Monitoring and Evaluation of Agricultural Interventions
Facilitating efficient monitoring and evaluation of agricultural initiatives.

3. Precision in Information Delivery
Enabling precise and timely delivery of information and advice to farmers based on their location, crop, and season.

4. Geographic Distribution Overview
Providing an overview of the geographic distribution of farmers.

- **Farmer profiling**
  Collecting individual or group biodata in compliance with requirements. Offering tailored solutions based on a deep understanding of farmer needs and preferences.

- **Farm and Estate Block Mapping**
  Capturing individual/group GPS coordinates using Google Maps APIs. Reporting in longitude and latitude with precision up to 4 decimal places.

- **Polygons Reporting**
  Empowering field inspectors to capture farm geolocation by digitally marking land edges on the map and associating them with specific land numbers.

- **Satellite Imagery**
  Representing all collected data in the backend for analysis, with KML files generated.

- **Input Distribution**
  Managing stocks and ensuring intended farmers receive the necessary inputs.

- **Coaching and Training**
  Conducting training sessions using the application, with attendance and group photos recorded.

- **Farmers' Production**
  Utilizing stored weight collection data to compare actual yield against declared land sizes.

- **Compliance Checklist**
  Confirming data adherence to stipulated requirements, covering farm management, traceability, and social requirements.

FarmCapture stands as a powerful tool, promoting efficient farm management, informed decision-making, and compliance in agricultural practices.

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