OPEN DATA FACT SHEET
AGRICULTURE

Organizations in this sector use open data to provide solutions that better inform farmers' decisions on managing their farms and increase their crop yields. They primarily use agriculture, environment, and geospatial data.

HOW ORGANIZATIONS USE OPEN DATA

Agriculture-related organizations:

- Provide farmers with timely information on weather changes, pests, and diseases via targeted mobile alerts using open meteorological and agriculture data
- Help farmers price their products and determine the optimal time to sell them using commodity pricing data
- Support sustainable farming globally by utilizing open research and scientific data

USE CASES

Farmerline
An SMS-based service that provides small-scale farmers with up-to-date agricultural information and advice
URL: http://farmerline.co/
Country: Ghana
Impact: Helps farmers increase crop yield and encourage new farming practices
Data Used: Agriculture data from the Ghanaian Ministry of Food and Agriculture (MOFA), weather data from a number of sources

MandiTrades
A location-based social network fostering business directly between local farmers and buyers
URL: http://www.manditrades.com/
Country: India
Impact: Increases efficiency in the agriculture market and reduces information asymmetry for small-scale farmers
Data Used: Market commodity price datasets from India's data portal

Farmlogs
Supporting farmers through technology to enhance crop production and reduce waste
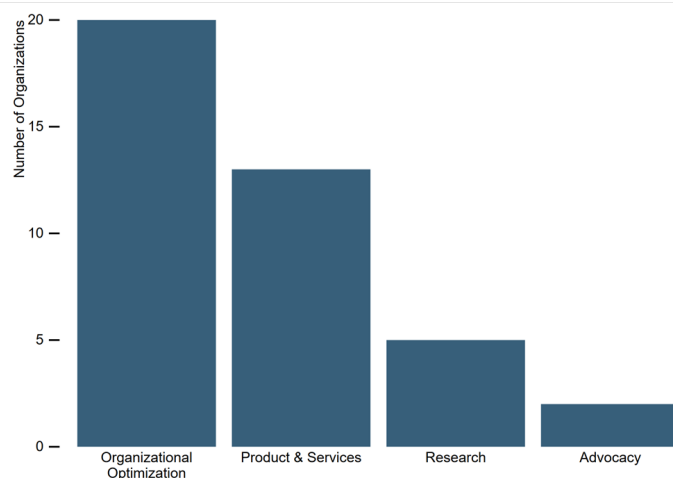**URL:** https://farmlogs.com/
Country: United States
Impact: Farmers benefit from tools to better measure crop management and environmental factors
Data Used: Weather and rainfall data from the U.S. National Oceanic and Atmospheric Administration's (NOAA) National Climatic Data Center, soil data from the U.S. Department of Agriculture

TOP APPLICATIONS OF OPEN DATA FOR THE SECTOR

TOP 5 DATA TYPES USED FOR AGRICULTURE

THE CENTER FOR OPEN DATA ENTERPRISE

OpenData for development network

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