ARABLE

Total Crop Intelligence
One Simple System

Irrigation Management

Labor Planning

Spray Timing

Early Pest & Disease Identification

Weather & Crop Monitoring

Research Trials

Sustainability Initiatives

GLOBALESCO

Better Data.
Smarter Decisions.
Greater Returns.

Arable delivers comprehensive, actionable insights in one simple yet powerful solution. With the crop intelligence you need at your fingertips, you can spend less time guessing and more time optimizing productivity, sustainability, and profitability.

With Arable You Get All in One ... and More
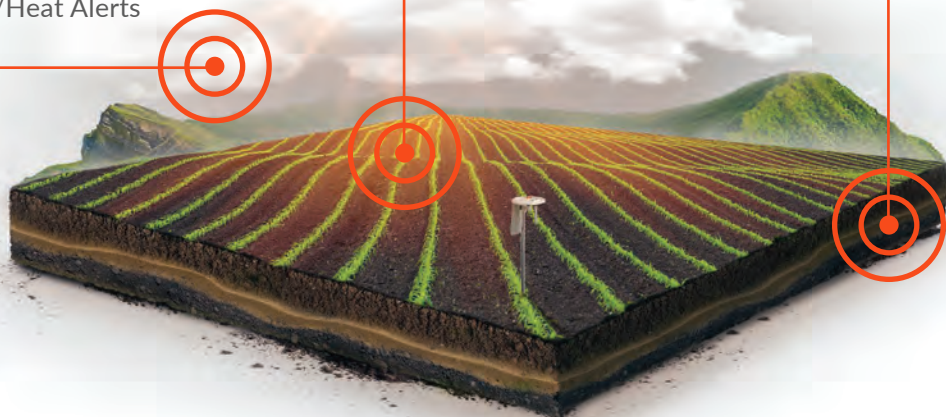
One Reliable Device Captures All Your Data

Weather
Temperature
Precipitation
Pressure
Humidity
Wind
Vapor Pressure Deficit
Dew Point Temperature
Solar Radiation
Forecasts
Frost/Heat Alerts

Plant
Contextualized Crop Photos
NDVI
Chlorophyll Index
Crop Evapotranspiration (ETc)
Leaf Wetness
Growing Degree Days
Crop Water Balance
Canopy Temperature
Heat Stress

Soil & Irrigation
Soil Moisture
Soil Salinity
Soil Temperature
Irrigation Pressure

One Simple System Provides
Total Crop Intelligence

In-Field Monitoring Made Easy

Save time with a portable sensing device that installs in minutes, activates with one touch, and requires no maintenance.

Complete Weather and Crop Insights

Access historical and real-time data, forecasts, and analytics via an intuitive software suite that includes a web and mobile app.

Fully Documented API

Seamlessly integrate Arable's accurate and extensive data sets into external systems and platforms.

Forecasts, Alerts, and Crop Images

Identify signs of water stress, pest and disease pressure, and nutrient deficiencies earlier than through field visits alone.

Built for Teams Large and Small

Enhance collaboration and provide targeted visibility with one platform built for sharing of data, notes, and photos.

Accuracy that Never Stops Improving

Depend on data accuracy that continuously improves through machine learning powered by a global, research-based calibration/validation network.

GLOBALESCO

One Complete Solution Delivers
Countless Possibilities

Delivering top-notch business results requires high-quality, accurate data. Whatever your goal, Arable can help you achieve your desired outcome.

Research & Product Development

- Understand crop response to external drivers.
- Accelerate trials and reduce trial costs.
- Make data-driven decisions to advance the best products.

Food & Beverage

- Increase and verify sustainable practices.
- Improve visibility into your supply chain.
- Enhance collaboration and improve grower relations.

Farming

- Optimize crop inputs and use of natural resources.
- Identify early signs of plant stress and pest and disease pressure.
- Improve labor planning and increase operational efficiency.

Crop Advisory

- Save trips to customers' fields with remote crop and weather monitoring.
- Provide data-backed agronomic recommendations.
- Expand your services with custom agronomic models.

Arable Mark 3:
So Much More Than a Weather Station

▶ Simple

- Installs in under 5 minutes with one-button activation
- Lightweight and portable
- Maintenance-free with no moving parts
- Cloud-based data storage; no data logger required

▶ Reliable

- Solar powered with long-lasting battery for low sunlight conditions
- High-powered antenna and robust cellular connectivity to monitor remote locations
- Farm-tough durability; IP67-rated for protection against water and dust ingress

▶ Complete

- Pre-integrated sensor suite for comprehensive environmental and plant data collection
- 22 narrow-band spectrometer to monitor plant health
- Built-in 5MP camera for daily contextualized photos
- Ultrasonic wind anemometer
- Seamless integration with third-party sensors