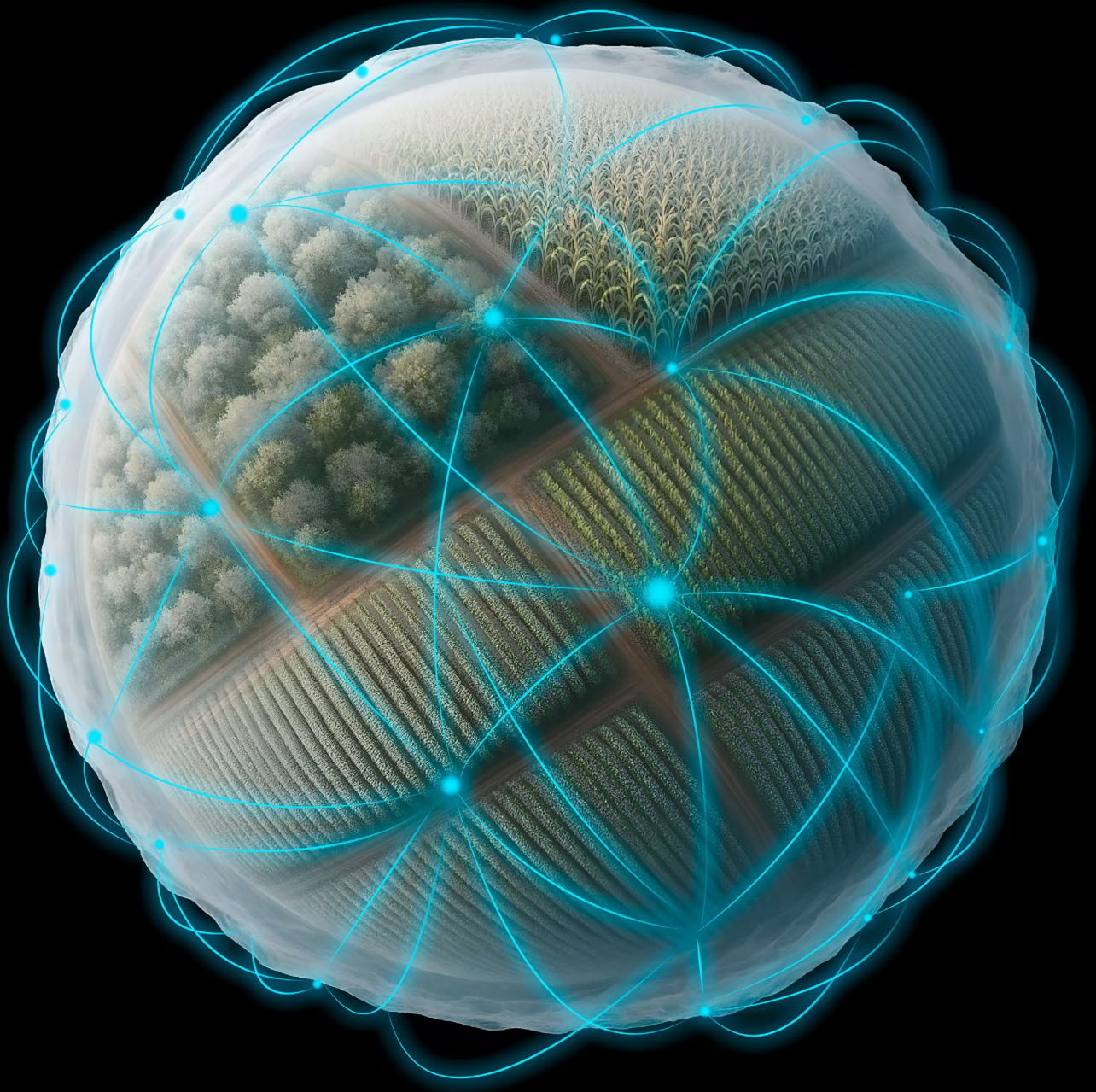


/HydroMet



/datasphere

**Frost Risk
Decision Support Module.**

KISTERS
Empowering decisions of tomorrow

Protect your crops from the hidden threat of frost.



When temperatures drop, your growing season and profits are at risk. KISTERS datasphere – environmental intelligence, connected and simplified – provides you with the critical tools to detect, anticipate, and act before frost causes damage.

Stay one step ahead of frost.



Plan preventive measures

up to 72 hours in advance using high-resolution regional and global models.



Pinpoint risk zones with

visualised risk maps and overlays of your sensor locations.



Receive crop-specific forecasts

adapted to variety, phenological stage, and cultivar sensitivity.



Trigger faster responses with

configurable alerts based on your own frost damage thresholds.



Built for global use with reliable assessments across growing regions.

Powered by  **datasphere**

Frost Risk Monitoring & Decision Support Module.

Includes:

Frost risk forecast software +
Configurable Alarm Module



Highlights:

Crop-specific forecasts and risk
based on local topography, soil type,
growth stage, and microclimate.

Up to **5-day forecasts** using
regional and global models.

Based on FAO thresholds, with full flexibility
to customise for local experience.

Two risk levels: minor (P10) and major (P90)
damage thresholds help prioritise actions.

Setup takes less than **5 minutes**.

Choose between daily or 3-hourly reports
and your preferred weather model.

Supports from frost-resistant
to highly sensitive crops.

Ideal for:

Farmers and cooperatives, agribusiness
companies, crop insurers, high value crops
like vineyards and orchards, and anyone
responsible for frost-sensitive assets.

Other products of interest.

Irrigation Recommendation Module:

Frost alters crop water needs – pairing with an irrigation planning tool ensures your response stays efficient and aligned with plant recovery.

Includes:

Irrigation Forecast Software
+ ETa Sensor Integration
+ Configurable Alarm Module



ETa-based forecasts and crop-specific recommendations based on soil, growth stage, and irrigation method.

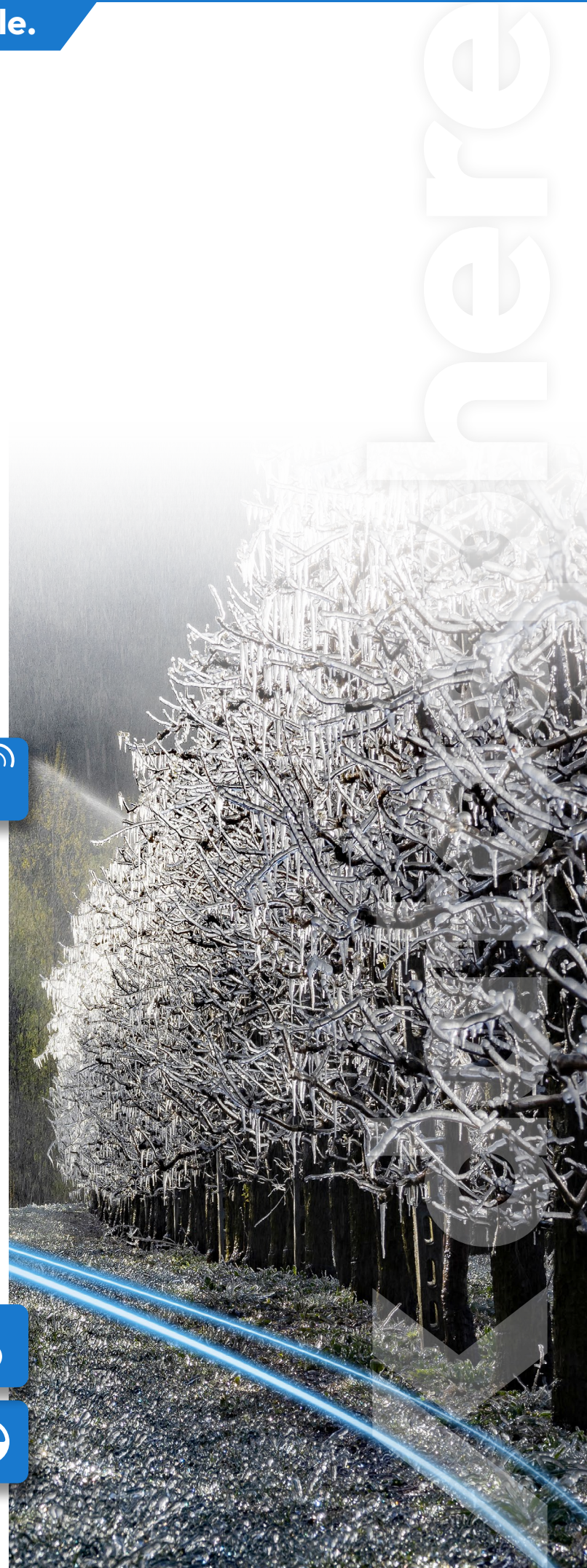
Simulate scenarios and reduce costs with real-time sensor data, dashboards, and alerts.

Compact weather sensors:

The KISTERS WS Series offers Single or all-in-one devices with up to 6 parameters.

Includes:

Wind speed
Wind direction
Temperature
Humidity
Air-pressure
Radiation





/HydroMet

**Make every growing
season a success.**

**With  datasphere
Frost Risk Module.**

Who are we?

We're KISTERS – and for over 60 years, we've specialised in helping our customers collect, analyse and share the environmental data that will shape the future.

Through innovative, digitally-focused solutions, we develop advanced systems that enable our customers to capture and manage information at a higher quality than ever before. So they can make the solutions our world needs to thrive.

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