⚔ datasphere
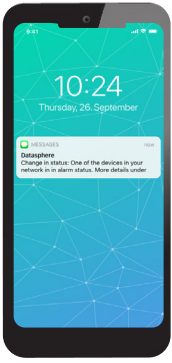
Empower your agriculture with precision – KISTERS 'Risk of damaging frost' forecast.

⚔ KISTERS

Empowering decisions of tomorrow

KISTERS datasphere
for precision agriculture.

KISTERS datasphere™, an all-in-one cloud solution for smarter environmental decision making, provides essential tools for farmers and agronomists worldwide. Featuring the 'Risk of Damaging Frost' forecast, datasphere provides a comprehensive overview of specific crop risks, giving users effective management and monitoring capabilities for improved crop protection and environmental awareness.

Key features of
'Risk of Damaging Frost' forecast.

❯ Accurate risk assessment for damaging frost.

❯ Tailored configuration for your crop, topography, soil type and growth stage.

❯ Choose between daily or detailed (3-hourly) reports.

❯ Choose your preferred weather model.

❯ Quick setup in less than five minutes.

Why damaging frost matters.

Frost poses a significant threat to crop growth and quality. In an ever-changing climate, the 'Risk of Damaging Frost' forecast is essential. This forecast carefully considers critical factors such as crop sensitivity, growth stage and local geography to provide a thorough and essential risk assessment. For farmers and agronomists, this means staying ahead of potential challenges, optimising crop yields and ensuring the sustainability of their farming practices in the face of changing environmental conditions.

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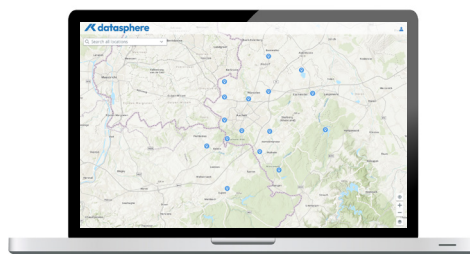
How it works:
Tailor-made precision for your agriculture.

Navigate the intricacies of the Risk of Damaging Frost forecast with ease.
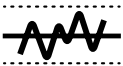
Specify local geography:
Refine the weather model with precision by specifying your local geography, taking into account soil type and topography.

Define crop details:
Personalise your forecast by selecting the crop, variety and growth stage to ensure accuracy in every detail.

Sensitivity thresholds:
Tailor your risk assessment with customised sensitivity thresholds. Choose between default accuracies based on FAO recommendations or customise to match your local expertise.

Two damage classes:
Gain valuable insight into potential crop damage by distinguishing between two damage classes. The 10% threshold indicates potential minor damage, while the 90% threshold indicates a higher risk of major damage.

Reporting:
— Choose from daily reports (up to 5 days) or detailed reports with 3-hour forecasts.
— Select the weather model that best suits your needs. This seamless process provides you with a personalised risk assessment, giving you precision and control to protect your crops in any farming environment.

Reseller

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