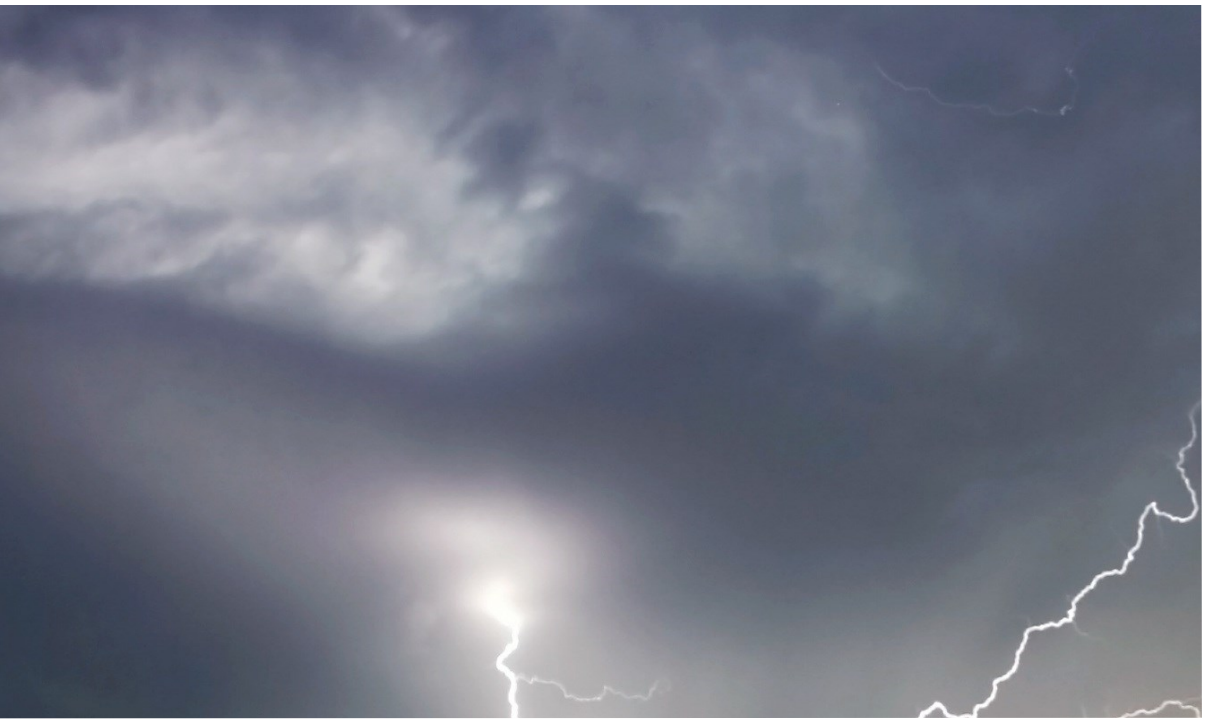
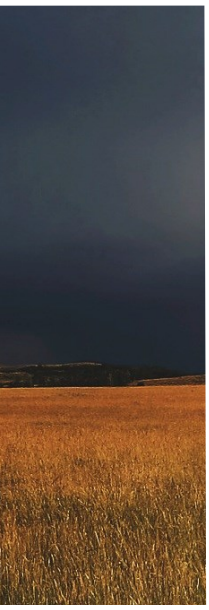
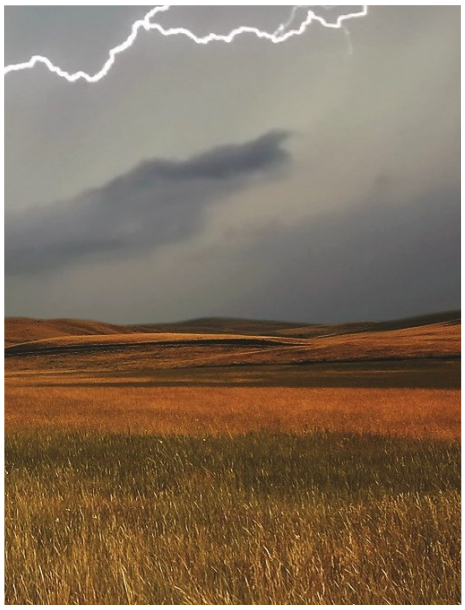
Weather Impact







Smart solutions for Agrifood business

Weather Impact

Weather Impact

Weather Impact aims to provide smart weather solutions to strengthen agricultural decision making. The mission of Weather Impact is to equip agronomical organizations with innovative weather and climate information to optimize food production and quality, to reduce usage of scarce inputs and to improve environmental and human wellbeing. Our products are user- friendly and based on global forecasting and satellite monitoring data, combined with local data and expertise.

Grape Compass

Grape Compass, an online decision-support system for viticulturists, promotes sustainable farming and optimizes vineyard operations. It does this by combining global data with local field data. Grape Compass also provides reliable forecasts of fungal disease pressure. This allows more efficient spraying programs to be developed and so reduces fungicides, labor and environmental costs. Grape growers can see the forecasts risks of downy mildew, powdery mildew and botrytis on individualized dashboards. These contain user-friendly maps, tables and graphs at field level. The major benefits of Grape Compass are:

- Savings for the environment and health
- Optimized logistical planning and management practices
- Costs-optimization and learning from past experience

Made possible by: HydroNET WINE JOB

Our Agribusiness Services

Agrifood challenges

Global agricultural production has almost tripled since the mid-20th century. New challenges such as environmental degradation, increasing desertification and the impact of climate change pose a significant challenge to food producers, with the world population forecast to rise to 9 billion by 2050. Food production needs to increase by 70% to sustain this population.

Weather conditions are a major influence on the output and quality of agricultural products. Weather affects almost every aspect of agricultural business, from determining the timing of harvests to efficient ventilating of greenhouses. Rain and temperature influence crop growth and yields, while extreme weather conditions mean lower yields, crop destruction and higher production costs. Supply chain and production facilities also depend on weather conditions. Reliable weather forecasts are essential for crop growers, producers and traders. Weather Impact can provide them for any location around the world.

Our solutions

Weather Impact's priority is to support the agribusiness in optimizing food production and trade. Our products are based on the best available weather information for every location in the world. As well as delivering this weather information, our unique products go further by combining it with expert agro models to provide a customized analysis of weather's **impact** on your business. Examples of our products' major benefits include:

- Decrease in weather risks and disease pressure
- Optimize farm management practices
- Costs savings
- Sustainable management, resulting in savings for the environment and human health
- Optimized logistical planning
- Individualized forecasts and products
- Insight into market price developments
- Learning from the past and connecting to the future

All our products are available in user-friendly applications on desktop, tablets and mobile phones.

Weather Impact

HydroNET

We develop our products in HydroNET, a decision-support service that provides intelligent solutions for operational and strategic water management. Smart web applications compose, analyze and visualize weather and water information in a series of useful maps and graphs. These empower water professionals to make better decisions for sustainable management of their resources. HydroNET was developed by our business partner HydroLogic and is being used by partners in our community of over 130 organizations to develop new weather and water applications. HydroNET is currently helping to manage water resources in nine countries around the world.

HydroNET

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