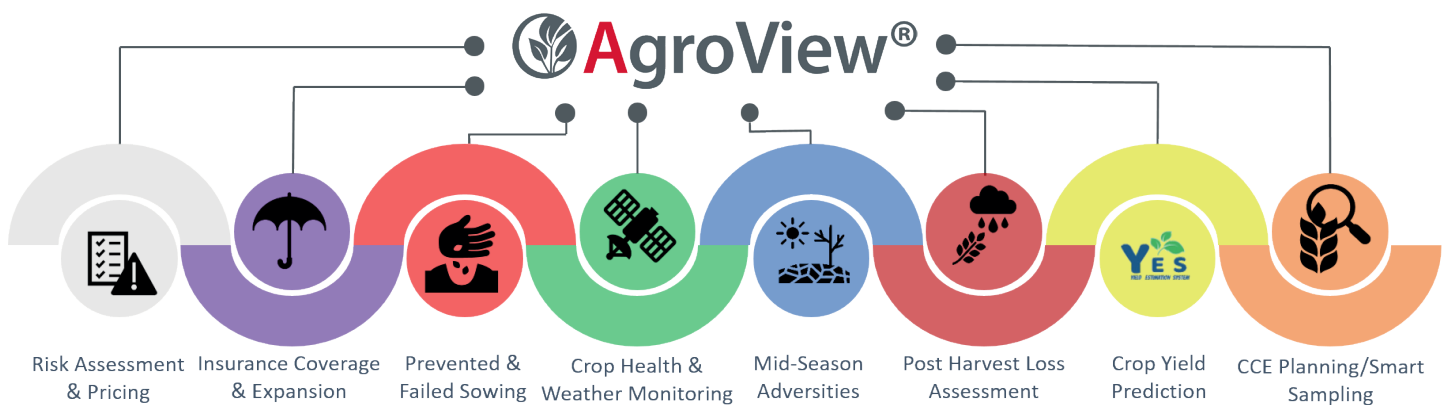# AgroView®

AgroView® is a WebGIS platform for crop health monitoring using Earth Observation data developed in partnership with Munich RE and the Potsdam Institute for Climate Impact Research (PIK). Agricultural production is increasingly subject to weather related risks as a result of climate change. Agricultural insurance is essential to strengthen the agricultural sector and increase climate resilience. This requires timely and accurate geospatial data on weather variables, vegetation health and crop yields.
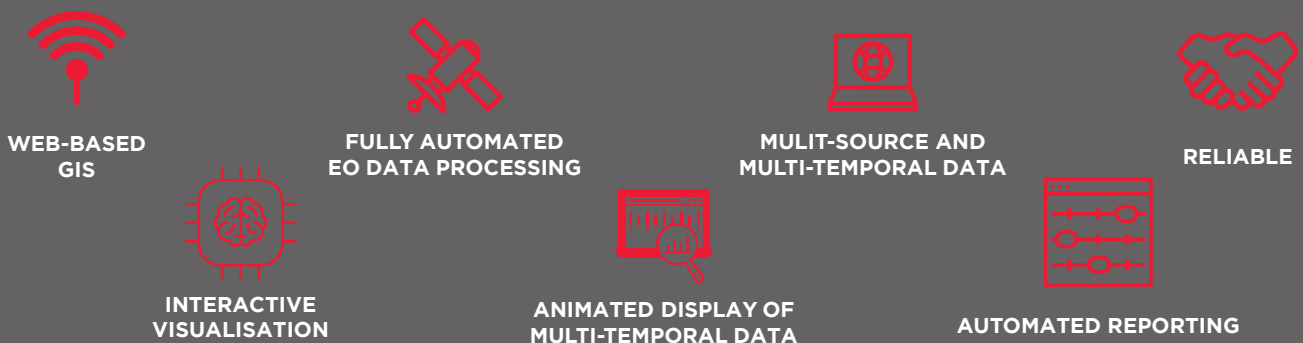
AgroView® provides insights on cultivated areas in near real time and works as an end-to-end geospatial information solution for the crop insurance value chain.

AgroView®

- Risk Assessment & Pricing
- Insurance Coverage & Expansion
- Prevented & Failed Sowing
- Crop Health & Weather Monitoring
- Mid-Season Adversities
- Post Harvest Loss Assessment
- Crop Yield Prediction
- CCE Planning/Smart Sampling

TO WHOM

- **INSURANCE AND RE-INSURANCE**
- **B2B**
- **AGRICULTURE**
- **INTER-/NATIONAL AUTHORITIES**
- **... MANY MORE**

CAPABILITIES

- **WEB-BASED GIS**
- **FULLY AUTOMATED EO DATA PROCESSING**
- **MULIT-SOURCE AND MULTI-TEMPORAL DATA**
- **RELIABLE**
- **INTERACTIVE VISUALISATION**
- **ANIMATED DISPLAY OF MULTI-TEMPORAL DATA**
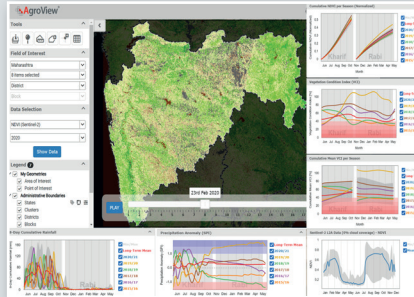- **AUTOMATED REPORTING**

TECHNICAL SPECIFICATIONS

AgroView® is accessed by the User through his web browser as a powerful, yet easy to use web app, built strictly on open source components. Featuring a lightweight and responsive design, it can be used on the office PC just as well as on mobile devices in the field. The backend of the application relies on state-of-the-art cloud technology in order to ensure reliability, performance, and scalability, independent of portfolio or data sizes.

WEATHER RISKS

🌿**AgroView®**

INSURER

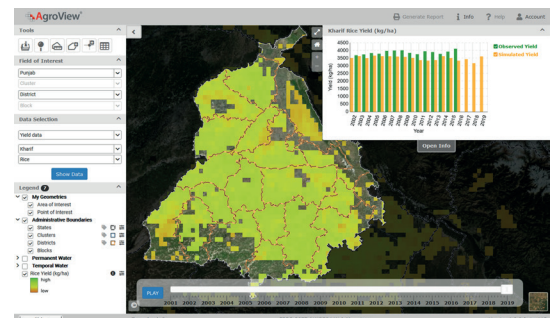Manage & Migrate

Reduce Risk
Promote Resilience

EO Data Products in AgroView®

EO DATA PRODUCTS - AT YOUR HANDS

AgroView® offers near real-time access to EO derived information and weather data on vegetation condition, crop health, soil moisture, drought, precipitation anomalies and cumulative rainfall for risk assessment. Yield data from a dynamic crop modelling system, developed together with PIK, complements the AgroView® products suite.

KEY FEATURES OF AGROVIEW®

- Precise, timely, reliable and cost-efficient
- Crop health monitoring
- Yield estimation for major crops
- Risk assessment for informed underwriting
- Rain deficits, droughts and floods
- Recent and historic loss events
- Various spatial scales from local to regional
- Spatio-temporal analytics
- Identification of loss event hot spots
- Automated regional and portfolio reporting

Yield estimation in AgroView®

In cooperation with   **Munich RE** ≣≣≣   〽 **POTSDAM INSTITUTE FOR CLIMATE IMPACT RESEARCH** PIK

AgroView® Product Information
For further information please contact agroview@gaf.de

TELESPAZIO a LEONARDO and THALES company

e-geos AN ASI / TELESPAZIO COMPANY

GAFAG an e-GEOS (ASI / Telespazio) Company