

EO services contributing to SDGs

Wago

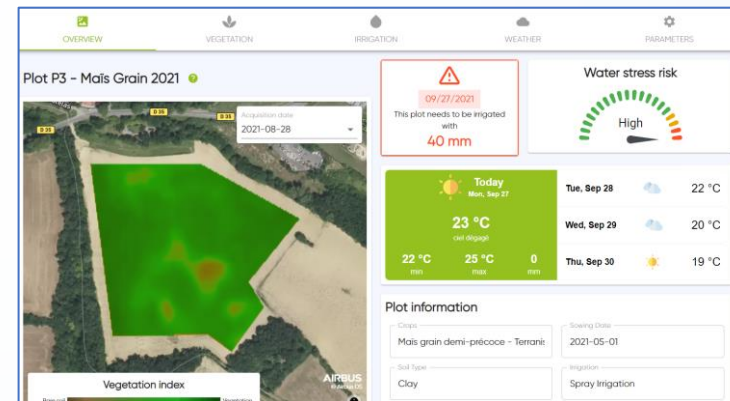


- User: Cooperatives, farmers
- Challenge/Needs: Adjust the water inputs to the crop needs and have early detection of drought
- Initiative: Wago gives water balance monitoring and irrigation recommendations at field level. It is based on Sentinel-2 images and an approved scientific model originally developed by Cesbio, the *Centre for Space Studies of the Biosphere*. The end-user can save water and time
- Results: early alerts and irrigation recommendations at field level
- Service Provider: TerraNIS

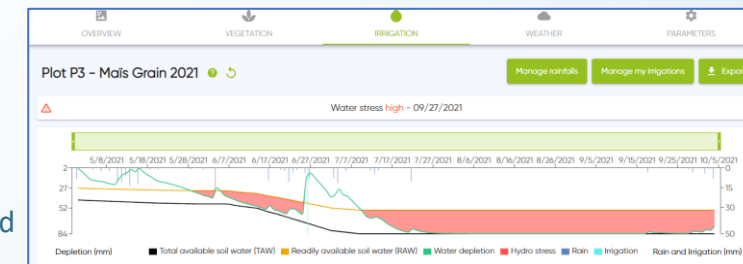
Target 2.4: By 2030, ensure sustainable food production systems and implement resilient agricultural practices that increase productivity and production, that help maintain ecosystems, that strengthen capacity for adaptation to climate change, extreme weather, drought, flooding and other disasters and that progressively improve land and soil quality.

Target 6.4: By 2030, substantially increase water-use efficiency across all sectors and ensure sustainable withdrawals and supply of freshwater to address water scarcity and substantially reduce the number of people suffering from water scarcity.

Indicator 6.4.2.: Water stress



Alerts and irrigation recommendations at field level



Water balance per field

<http://www.terrnis.fr/en/precision-agriculture-wago-irrigation/>

EARSC

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