



Diagnostic tool that INtegrates
Optical, infrared and SAR data

D2.2. In-situ sugarcane dataset

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Deliverable abstract

The dataset collected during the cycle from July 2024 to August 2025 successfully captured crop growth data by strictly adhering to well-defined and rigorous protocols. Data collection was conducted on a weekly basis during the first 8 to 9 weeks and subsequently on a biweekly basis, with the objective of characterizing crop behavior across different environments and for the main varieties cultivated in the sector. All data were subjected to thorough review and quality control processes to identify outliers and consolidate high-quality information that accurately represents ground truth, which is essential for the calibration of estimation and prediction algorithms.



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