



Diagnostic tool that INtegrates
Optical, infrared and SAR data

Discover how DINOSAR is testing its technology in real field environments

A model that combines 2 satellite technologies

Integrated quantitative biomass estimation (in tons/ha) throughout the whole growing season using both SAR and optical satellite images

1 specific case-study: the sugarcane crops in Colombia

3 distinct environments:

near the Cauca river, in the middle of the valley,
and near the central mountain range

36 distinct fields
monitored

72 specific
monitoring
points

3 varieties of
sugarcane crops



CC011940



CC05430



CC09066

4 new crops
put to the test in Europe



maize



winter wheat



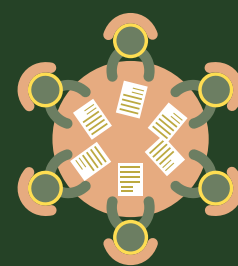
sugar beet



winter barley

From the field, for the field

This data comes from those who know the fields best. By co-creating with sugar mills, researchers, and farmers, we ensure the algorithm meets real needs on the ground



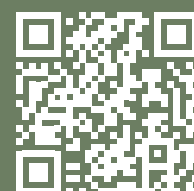
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