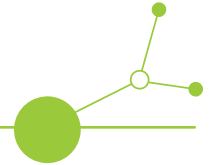




Executive Summary: Yield Database Collection



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EXECUTIVE SUMMARY: YIELD DATABASE COLLECTION

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Database Description

The Clim4Cast project has successfully compiled a comprehensive yield database, incorporating detailed data on a variety of crops, including

- winter wheat
- spring barley
- winter barley
- winter rapeseed
- sugar beet
- potatoes
- soybean
- sunflower
- maize (silo)
- maize (grain)
- triticale
- winter rye

This extensive dataset spans from the year 2000 to 2022, covering the NUTS-3 regions of all partner countries involved in the project.

The data collection process was a collaborative effort, with each partner country contributing to the database. These contributions were then processed by ZALF to ensure consistency and accuracy. The collected data were harmonized and unified into a single, cohesive database, providing a valuable resource for analyzing crop yields and their variations over time and across regions.

The unified database is stored in an Excel file, facilitating easy access and usability for researchers and stakeholders. The dataset serves as a critical tool for understanding regional crop performance, assessing the impacts of various factors on yields, and supporting decision-making processes in agricultural management and policy development within the Clim4Cast project.