OPENLY AVAILABLE CULTIVATION PROTOCOL FOR TABLE OLIVE CROPS

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TECHCOACH
Bringing smart farming closer to farmers

MAIN CHALLENGE/ OBJECTIVES

Traditional olive farmers rely on established farming practices based on personal experience and are generally resistant to change. The main challenge of this Operational Group was to demonstrate with reliable data, that inputs should be applied only where needed, according to field & crop requirements, rather than uniformly across the entire field

MAIN RESULTS/ OUTCOMES

By applying this open-access cultivation protocol for table olive crops, farmers gain a better understanding of field and crop needs. Inputs are applied only where and in the amounts needed, reducing waste and environmental impact, lowering costs, and supporting higher yields and improved crop quality.

PRACTICAL IMPLICATIONS / RECOMMENDATIONS

The developed cultivation protocol is designed to ensure replicability across olive-growing systems and regions with similar pedoclimatic conditions. To tailor the protocol to the specific characteristics of each field, it is recommended to incorporate soil sampling, meteorological data, and, where possible, UAV or satellite imagery. This approach enables the identification of spatial variability and field-specific needs, allowing targeted interventions based on the protocol's guidelines. As a result, inputs and management practices can be optimized, improving efficiency, reducing environmental impact, and enhancing overall crop performance.

GEOGRAPHICAL LOCATION

Archaia Oleneia, Aitoloakarnania, Greece

FURTHER INFORMATION

https://arxaia-oleneia.agrifoodwest.gr/

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