

ALPHA[®]
UNMANNED SYSTEMS



ACROCROP

Prevención de heladas y gestión
avanzada de cultivos

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ACROCROP

ALPHA[®]
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- Up to 2.5 hours endurance
- Up to 2 kg payload capacity
- Multiple payload options
- Fully autonomous mission execution



- Up to 4 hours endurance
- Up to 4 kg payload capacity
- Maritime ready
- 4 payload bays
- Fully autonomous mission execution



This Project has received funding from the European Union's Horizon 2020 research and innovation program, through an Open Call issued and executed under the project agROBOfood (Grant Agreement No 825395)



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GENETICAI

Picterra

ELMIBIT

Finca

Evitar las pérdidas por heladas de forma más barata, segura y fácil, reduciendo la huella de carbono.

Aprovechar **inversión térmica**

Vuelos anti-congelación autónomos

Optimizar el **uso de los recursos**.

Obtención de imágenes **multiespectrales**

Mapa de Índice **NDVI**

Optimización del **riego** y uso **fertilizantes**

Mejorar la **calidad de la fruta**

Generación de **modelos 3D** (fotogrametría)

Análisis del **crecimiento**

Optimización de **poda, sombras** proyectadas.



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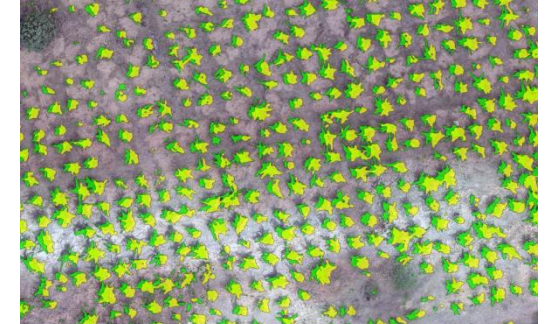
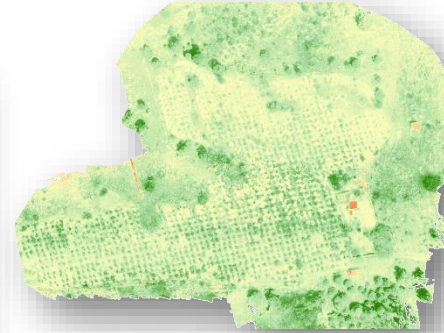
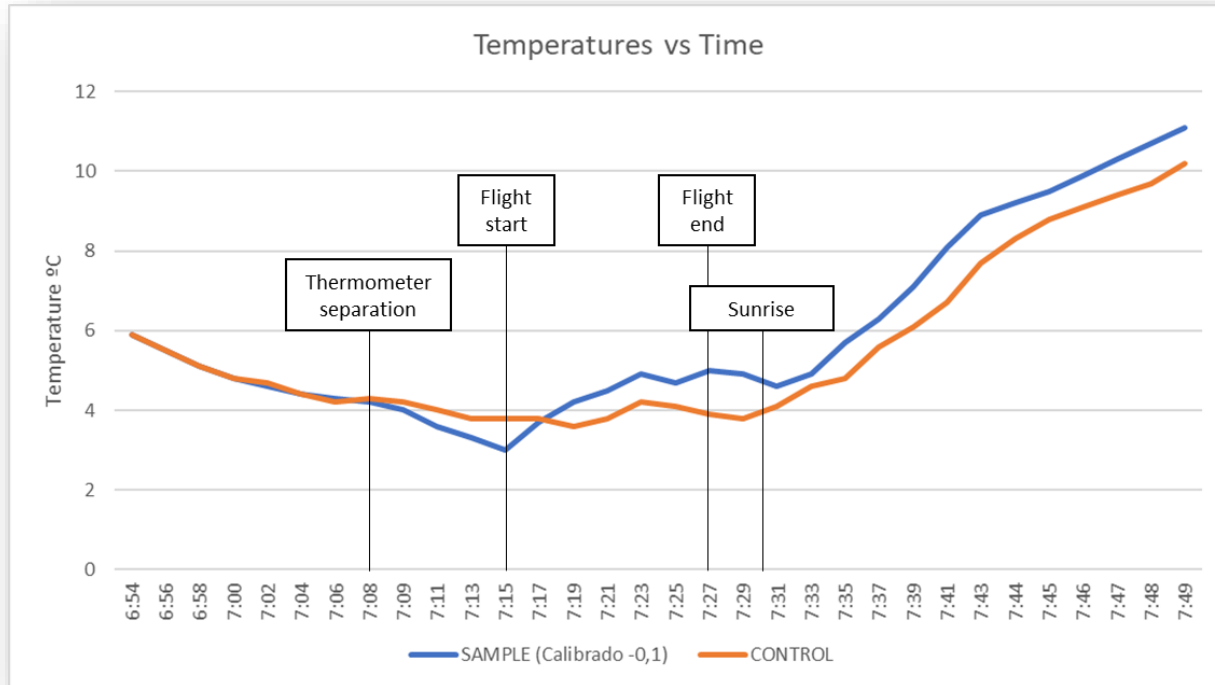
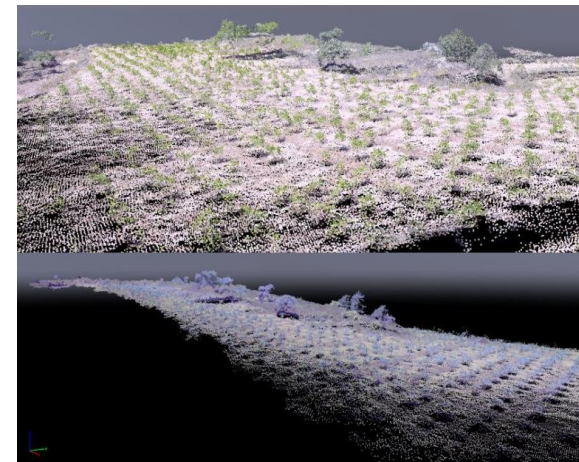


Figure 53: In green September canopies in yellow October canopies.



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UAV HELICOPTERS FOR HARD WORK

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