Field works

26/06/2020. Sampling yellow mosquito in vineyards located in Raimat (Lleida) for PAgFRUIT Project.

26/06/2020. Dron flight operated by IRTA to detect and quantify affection by mildew and yellow mosquito in vineyards (Raimat, Lleida).

17/06/2020. 3D canopy LiDAR mapping with the Viametris equipment. In this case, the platform of the LiDAR system was a Segway. In the PAgFRUIT, project we are trying different platforms to speed the data acquisition process to characterize canopy architecture in fruit tree plantations.

15/06/2020. Sampling mildew affection in vineyards located in Perafort (Tarragona) for PAgFRUIT Project.

15/06/2020. Dron flight operated by IRTA to detect and quantify affection by mildew in vineyards (Perafort, Tarragona). The payload was composed by multispectral, thermal and RGB cameras.

05/06/2020. 3D canopy LiDAR mapping with the Viametris equipment. In this case, the platform of the LiDAR system was a motorcycle, which improves the scanning time with respect our previous mobile platform.

05/06/2020. Apparent Electrical Conductivity mapping with Dualem electromagnetic induction equipment operated by Agrarium-Greenfield. Objective: characterization of the soil spatial variabilidy in a reference almond tree plantation in Raimat.

03/06/2020. 3rd Drone flight, operated by MDrone [https://mdrone.com/ca/inici-cat/] with Micasense camera, to characterize almond canopy vigour after mechanical pruning. Second campaing of PAgFRUIT Project.

03/06/2020. Preparing the 3rd Drone flight during coronavirus time in one of the almond tree plantations in Raimat. In this time, we continued working in the PAgFRUIT project.

24/09/2019. 2nd Drone flight, operated by MDrone [https://mdrone.com/ca/inici-cat/] with Micasense camera, over the almond intensive plantation after summer period before harvesting.

04/09/2019. LiDAR Scan in almond intensive plantation after summer period before harvesting.

24/07/2019. NDVI with Mapir Survey 3 camera in orchards. Proximal and remote sensing from elevated platform

26/06/2019. 1st Drone flight, operated by MDrone [https://mdrone.com/ca/inici-cat/] with Micasense camera, to characterize almond canopy vigour after mechanical pruning.