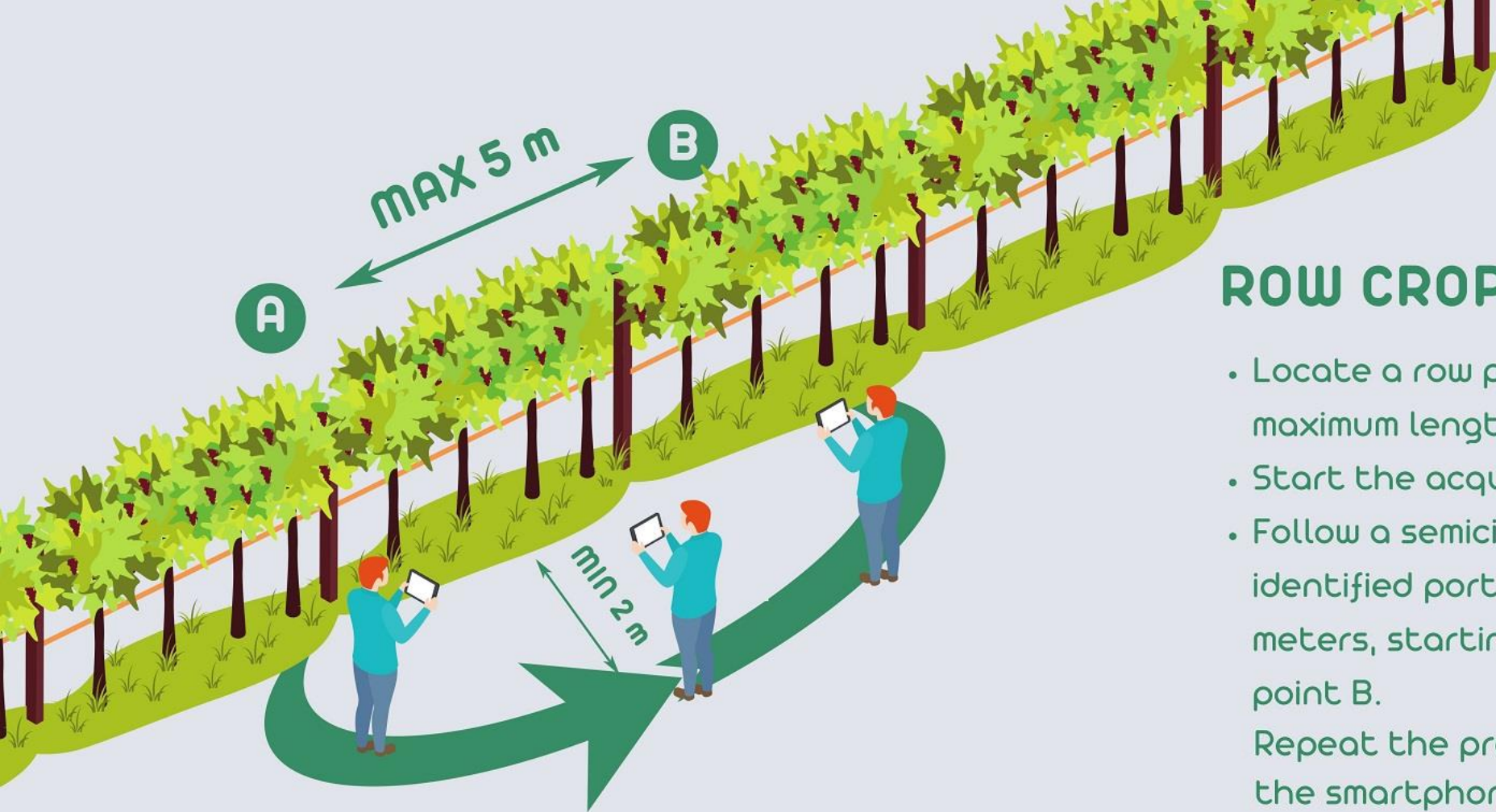


iAGRO

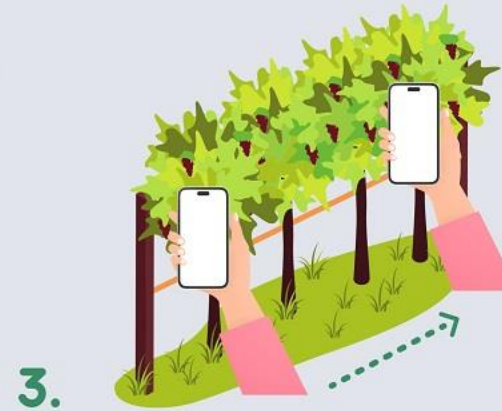
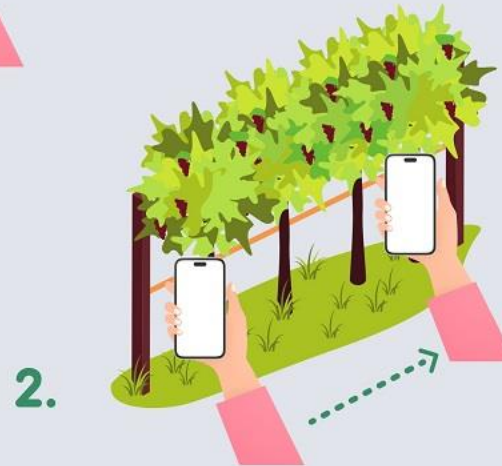
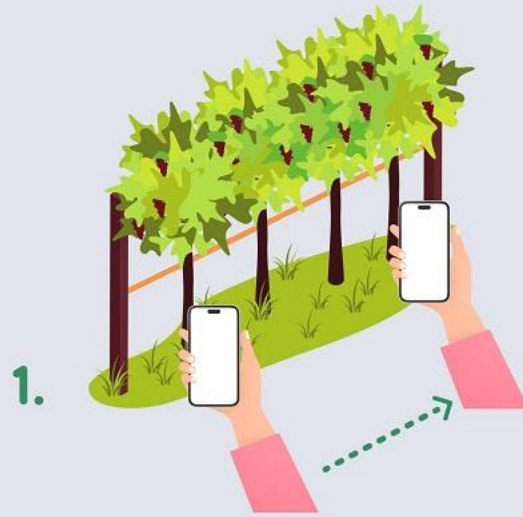


Tutorial



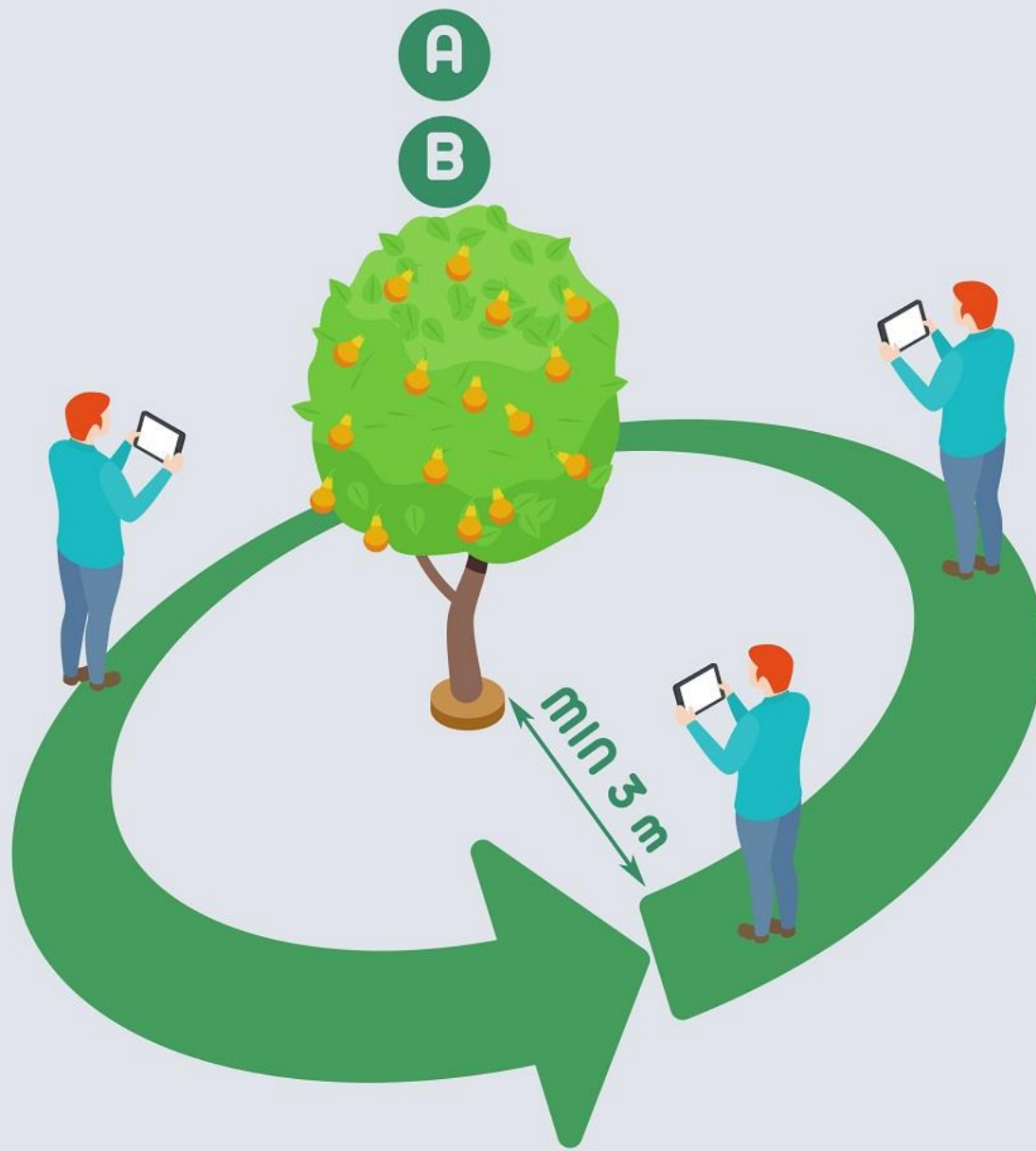
ROW CROP SCAN

- Locate a row portion to be analyzed for a maximum length of 5 meters
- Start the acquisition
- Follow a semicircular trajectory around the identified portion at a minimum distance of 2 meters, starting from point A and ending at point B.
Repeat the process at different heights of the smartphone until you complete 2-3 passes in total, always filming the target row portion
- The app automatically records video frames with information on location and orientation



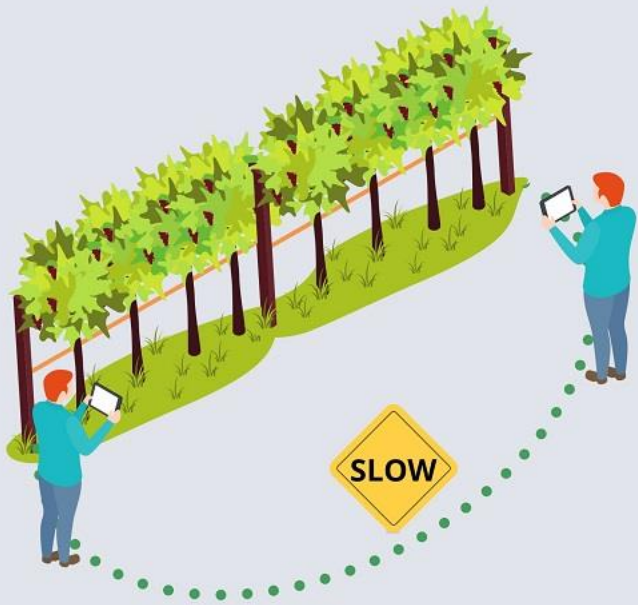
PLEASE NOTE:

The acquisition must be carried out at different height levels in order to cover the entire vegetated wall of the row portion



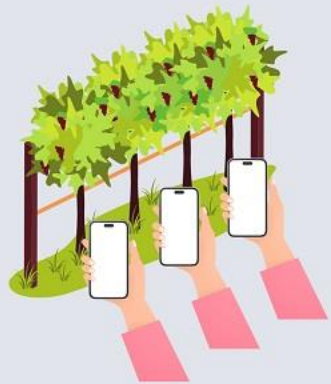
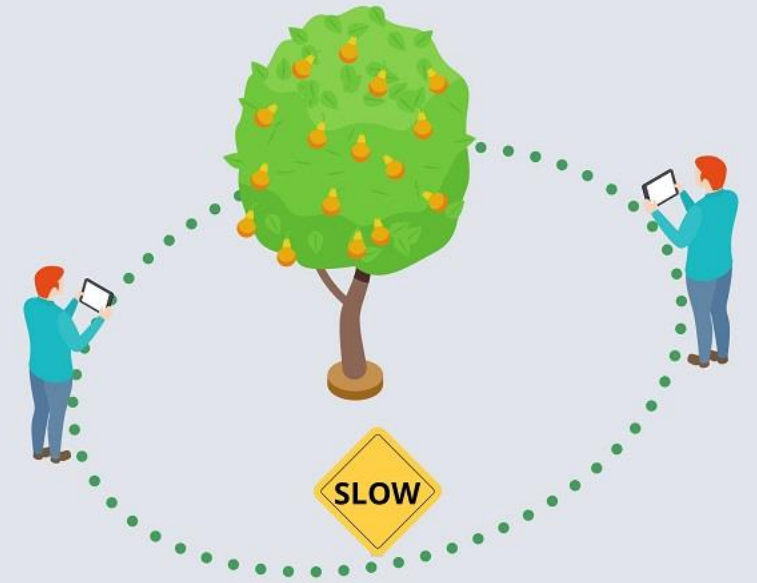
TREE CROP SCAN

- Locate a tree to be analyzed
- Start the acquisition
- Walk around the tree at a minimum distance of 3 meters starting from point A and ending at point B (360°). Make a single complete circular trajectory, always filming the target tree.
- The app automatically records video frames with information on location and orientation



WARNING:

Move slow



YES



NO



YES



NO

WARNING:

Make sure not to tilt your smartphone/tablet



HOW TO MAKE SURVEYS

- Select the field to be analyzed
- Make at least 5 acquisitions per hectare
- Complete all the acquisitions within 5 days

WARNING:

For optimal survey results, acquisitions must be evenly spread within the field in order to cover all the areas.



UPLOAD THE IMAGES TO THE CLOUD

Once the acquisition is completed, upload the photos to the cloud and wait few minutes for processing

You can also upload the images later.

VIEW THE 3D MODEL

After processing, visually explore the 3D model (digital twin) of your crop.

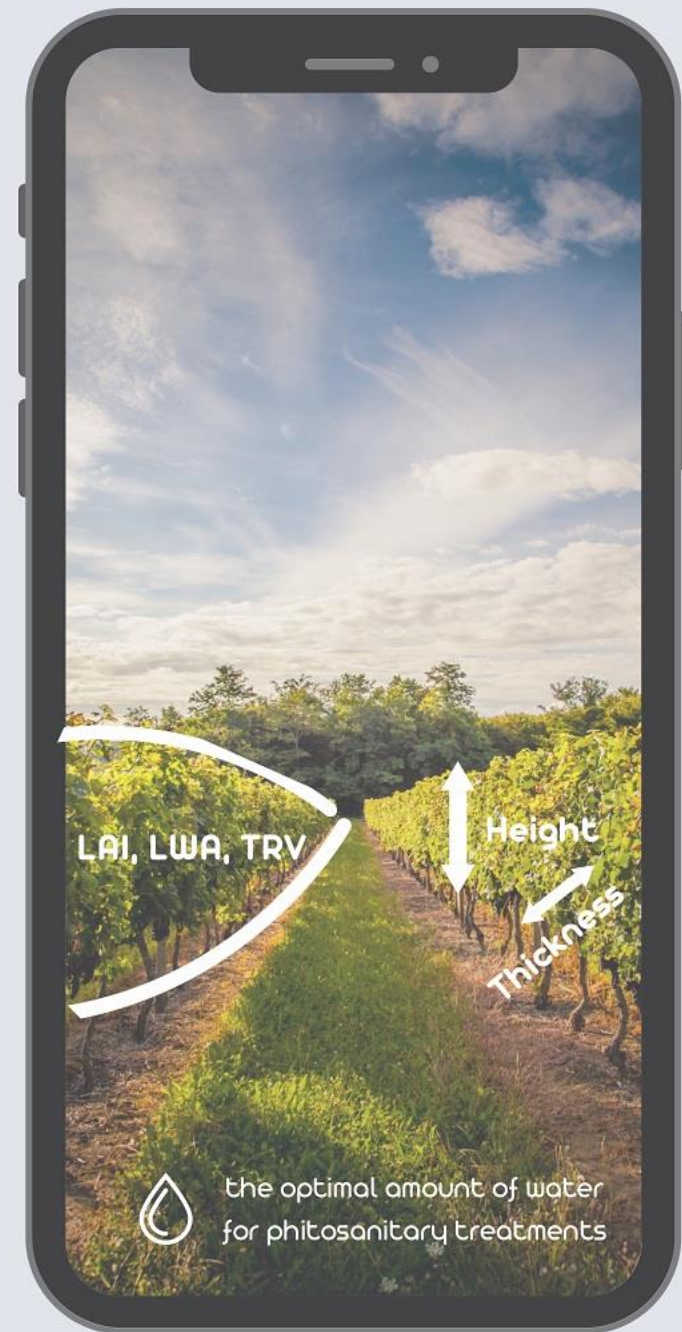


VIEW RESULTS OF YOUR ACQUISITIONS

PLANT THICKNESS AND HEIGHT

VEGETATIVE VIGOR (LAI, LWA, TRV)

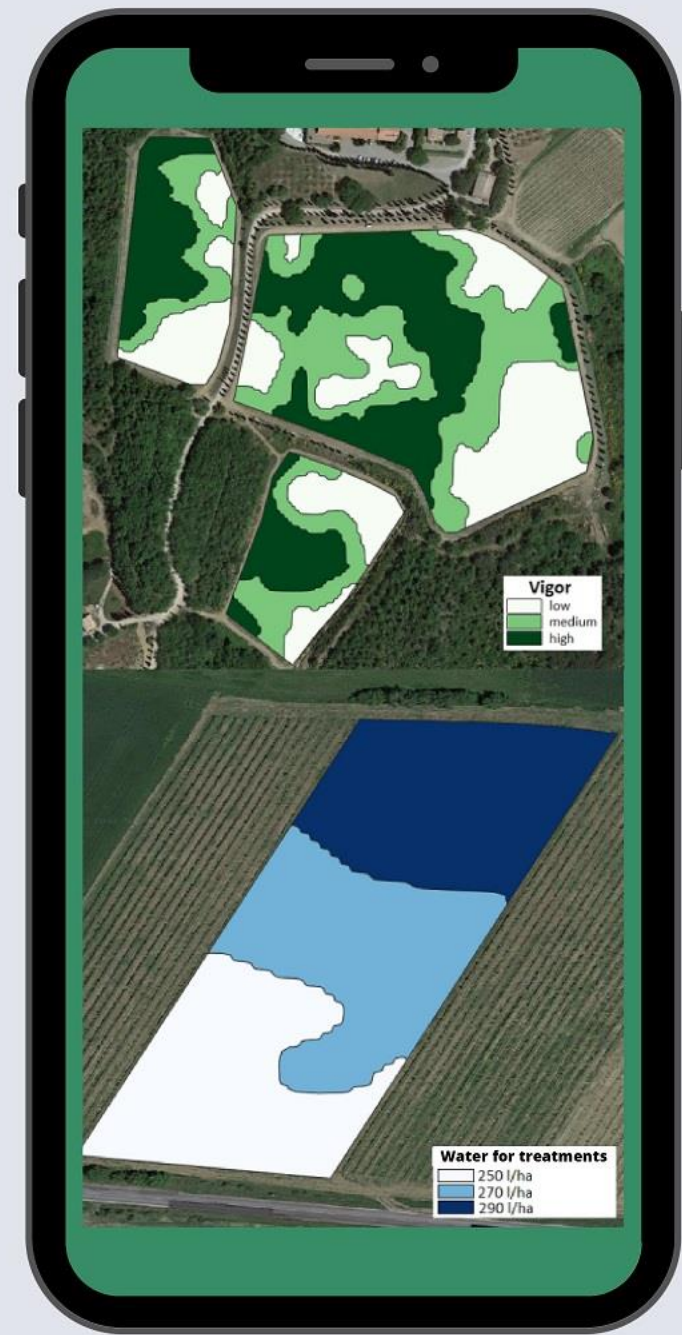
THE OPTIMAL AMOUNT OF WATER
FOR PHITOSANITARY TREATMENTS



VIEW MAPS OF YOUR SURVEYS

MAP OF VEGETATIVE VIGOR (LAI)

MAP OF OPTIMISED WATER DOSES
FOR PHYTOSANITARY TREATMENTS



EXPORT:

- Export acquisitions results in tabular format (.csv)
- Export survey maps in raster (.tiff) and vector formats (.shp)
- Analyze or further process your data to generate other prescription maps (fertilization, harvesting, etc.)
- Load prescription maps on variable rate technology (VRT) machines to optimize field operations

