

GPS TECHNOLOGIES

ADVANCED SYSTEMS

INNOVATIVE SERVICES



AGRICULTURE

ENVIRONMENT

BUILDING

# ARVAplantCE

## Dedicated software for squaring fields

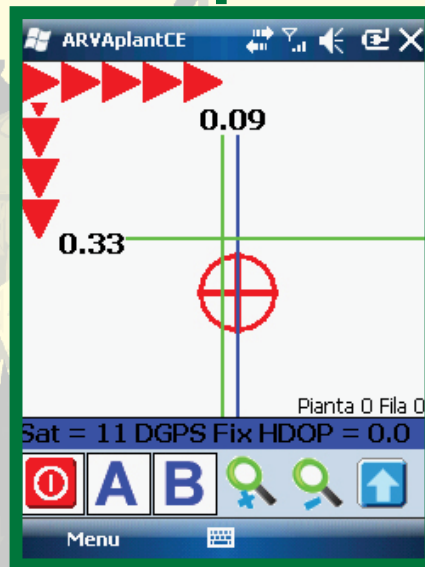
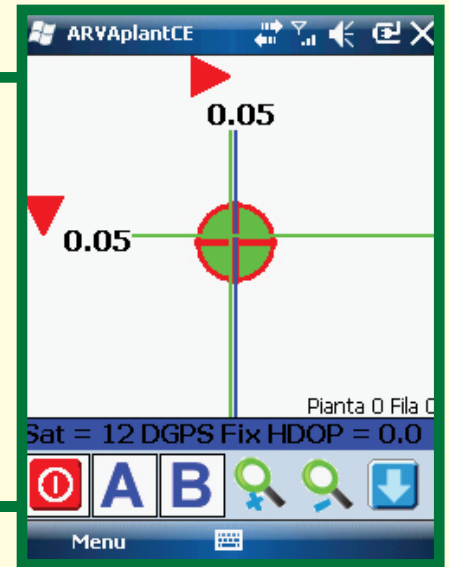
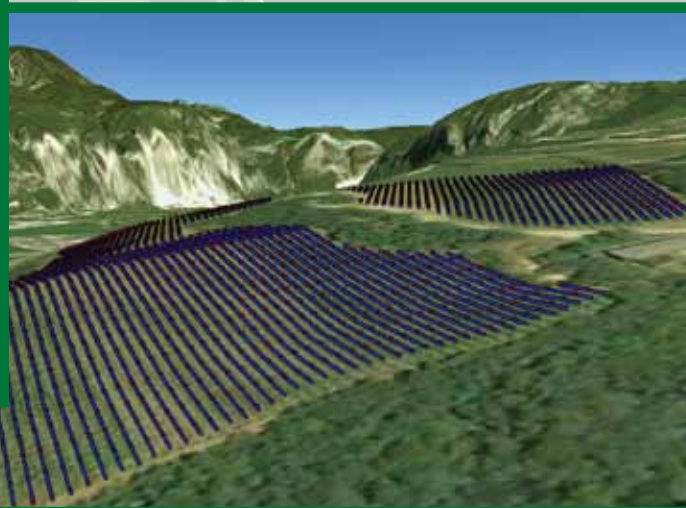
Ideal for portable GPS systems, to facilitate staking and squares

### ECONOMIC BENEFITS

- Reduction of up to 50% of man work
- Saving of staking time
- Optimization of the workforce

### TECHNICAL BENEFITS

- Staking without prior mapping
- Automatic calculation of the entire square, memorizing only the beginning and end of the first row
- Up to 50% reduction of execution times
- Constant precision even with continuous changes of slope
- Excellent to facilitate the manual planting when soil conditions do not allow using planting machines



VINEYARDS



ORCHARDS



POPLARS



HORTICULTURAL

## MAIN COMPONENTS



It can be installed on professional handhelds PDA with Windows Mobile operative system like MobileMapper™ 120.



ARVaplantCE Software is upgradeable always for free. Also available without PDA. Very easy to use.



ARVACADplant optional office software to project planting area and for report results.

## HOW ARVAPLANTCE WORKS

The complete version comes with the ARVaplantCE software portable GPS Mobile Mapper 120 RTK configured to work with +/- 1 cm accuracy in real time. It can work connected to GPS network via GPRS or to a RTK base station via radio modem. After memorizing the start and end points A and B of the first row, it calculates endlessly the squaring without first mapping the perimeter of fields. Walking along the rows it indicates the position of the stakes and/or plants.

## BENEFITS

ARVaplantCE permits the staking and squaring operations, reducing costs of execution time by 50%.

## Software Features

- Can be installed on all portable GPS with Windows Mobile operative system
- Alarm GPS accuracy
- GPS antenna offset
- Set different plant setting
- Set tolerance of center points
- Beep alarm at centering point
- Double arrows guidance bars to facilitate the centering of the points
- Possibility to work in both directions from A to B and from B to A
- Line translation features
- Import alignments AB from office projects
- Save / resume works

DEALER

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