# OPTICS TRANSFORMS AUTOMATED HARVESTING

**Detecting hidden plants:**
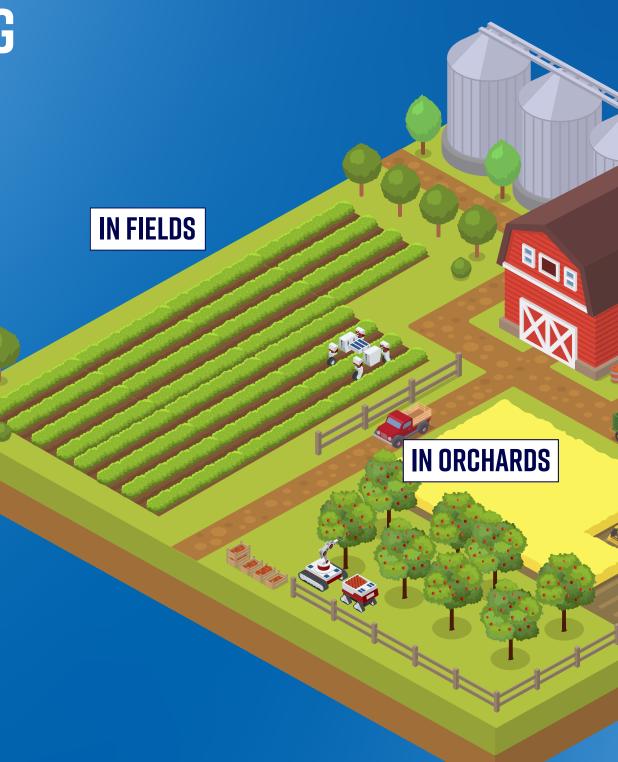
· Under foliage
· Under mud or dust

**haracterizing plants by:**

· Determining their position
· Determining their dimensions
· Determining their maturity level

**Detecting plants based on:**

· Brightness or lighting levels
  (day, night, cloudy weather)
· Dry or wet environments
· Climate variations (rain, frost, mud)



IN FIELDS

IN GREENHOUSES

IN ORCHARDS