



Close-range remote sensing data for optimising horticultural production processes

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Abstract:

Plant sensors have been explored over the last three decades, resulting in various non-destructive sensor systems, feasible for usage along the entire horticultural supply chain. This review will show examples of sensor applications, pointing out benefits and challenges of different measuring principles. Particular emphasis is given on recent developments on analyzing plants directly in the field by means of annotated 3D point clouds. Data employment strategies are shown, aiming precise, data-driven production measures.

