EXPECTED SCIENTIFIC RESULTS

The anticipated results and deliverables for each WP are as follows:

Deliverable	Due (Month, relative to the beginning of the operations)
WP1: Project Management – Reporting	
D1100: Initial report	M - 1
D1200: Progress report	M - 12
D1300: Final report	M - 24
WP2: Additional data collection	
D2100: Ground truth vitality maps (PcFruit)	M – 9
D2200: Yield maps (PcFruit)	M – 9
D2300: Image data and ground reference database for a commercial fruit orchard	M - 10
WP3: Image preprocessing	
D3100: Standard orthophoto and DSM products	M – 9
D3200: Improved geometric corrected orthophotos for fusion purposes	M – 15
D3300: Improved geometric corrected orthophotos for multidate analysis purposes	M - 15
WP4: Image processing	
D4100: Vitality parameter maps based on single date UAV imagery	M - 19
D4200: Vitality parameter maps based on single date APEX imagery	M – 17
WP5 Productivity mapping	
D5100: Multi date, multi sensor productivity modelling	M – 21
D5200: Prediction of tree productivity based on single vs multidate multisensor image data	M - 23
WP6: Dissemination	
D6000: Workshop, conferences, papers	[Month 1-24]