

Information systems for banana plantations

This video shows some of the data and first processing from our recent trip to a banana plantation.

We gathered data from a banana plantation near Mareeba in the far north of Australia, at the end of 2013. Using [Shrimp](#), we drove up and down rows of the plantation, acquiring 3D maps and image data.

Farmers typically use a system of coloured bags to denote the expected harvest date, which can be detected and mapped by the system. It is also hoped that in the future, growth rates of shoots or 'suckers' can be measured, to predict maturation times of the fruit directly, many months in advance.