



SPATIAL INFORMATION DAY 2010

Adelaide Convention Centre | FRIDAY 13 AUGUST 2010

Spatial Information Day 2010 Abstract

Title: Spatial Information in Precision Agriculture
Session: 2 – Agriculture
Presenter: Carl Menges, Fabrice Marre, John Douglas
and Leighton Wilksch - Apogee Imaging International

Abstract:

Apogee has developed a web based 3D-visualisation and analysis service for the delivery of decision level information from spatial data acquired by satellites and aerial platforms. Landmark has formed a strategic alliance with Apogee to utilise this capability under the name of **FARMIMAGE**[®] for the integration of historical and current imagery, capturing extensive detail about plant growth patterns within paddocks. The identification of prevailing growth conditions provides the means to maximise the benefit of nutrition application in precision agriculture services and increases profitability of farming practices nationally.

The efficiency of farming can now be increased by unlocking the information available from space and aerial observations. Apogee achieved this breakthrough by applying our expertise in remote sensing and software development, and drawing on the latest and best technology basis available. In **FARMIMAGE**[®], 20 years of spatial information are now accessible for most farming properties to enable them to gauge the performance of the land over time and make improved decisions for the current season. The information provides clues on yield limiting factors and can greatly increase the output to input ratio when combined with other available information and the understanding of the Agronomist.

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