

Diviner 2000®

Revolutionising irrigation scheduling in Macadamia Nuts

'I am now able to ensure that moisture is maintained at optimum levels during critical development stages of the macadamia crop, which has enabled me to produce our best crop of nuts to date in terms of both quality and quantity.'

These are the words of Geoff Chivers, a macadamia nut grower in Bundaberg, Queensland, who is reporting a harvest well up on last year and the best early season quality to date due to the adoption of a portable soil moisture monitoring device, Diviner 2000®.

Diviner 2000® is Sentek Sensor Technologies portable soil moisture monitoring solution that allows for instant in-field decision making as it displays data on a large graphical LCD screen. Additionally, the Diviner 2000® can monitor up to 99 sites and no PC is required for data interpretation although information can be downloaded for more informed decision-making.

Since purchasing his Diviner 2000® in August 1999 and observing the data provided, Geoff has achieved the following results:

- ✓ Optimised limited water resources by targeting irrigation to the active root zone only.
- ✓ Targeted fertigation applications more accurately by altering the timing and duration of irrigations.
- ✓ Responded to the crop's different growth stages
- ✓ Increased yield
- ✓ Increased quality
- ✓ Improved kernel recovery
- ✓ Improved the ratio of sound to unsound nuts

Outside of these benefits, Geoff says that the simplicity of operation and instant readouts were key factors in his purchase decision making.

Geoff stated, *'it gives me the ability to make informed irrigation decisions on the spot, and definitely the portability and instant readout without the need for a computer give an excellent guide to water usage.'*

For nut growers considering investing in soil moisture monitoring equipment, Geoff recommends the Diviner 2000® because it is *'simple to use, gives instant readout for on-the-spot decisions, allows you to monitor the depth of irrigation and build up a history of water usage.'*

As we step into the 2002-growing season in Australia, Sentek along with its distributor base are offering growers the best solutions in soil moisture monitoring. No matter what application or crop type Sentek has a soil moisture monitoring solution that will satisfy the growers' requirements.

Sentek's products are used in agricultural, horticulture, viticulture, wastewater, research, mining and environmental industries around the world. Sales are driven through a carefully selected network of qualified and licensed distributors across five continents. The company currently supports agents with several hundred sales locations around the world. Sentek exports the majority of its water management products to growing markets in the US, UK, Europe, Asia and South America

For more information on the Diviner 2000® or any other of Sentek's product range please contact Sentek's Marketing Coordinator Adrian Manera at amanera@sentek.com.au, freecall 1800 244 763 or visit www.sentek.com.au for a product information pack to be sent to you.