

DIVINER 2000®

Divine Time and Money Savings for Grape Growing Brothers

Like many growers, the Cossignani brothers, Lorenzo and Guido, have invested in portable soil moisture monitoring technology in an effort to cut water costs and improve the yield and quality of their crops. After hearing about its ease of use and level of accuracy, the Cossignani's chose the Diviner 2000® and after only a year are already reaping the rewards.

The Cossignani's grow grapes predominantly, but also have tobacco and blueberries on a 60-acre farm in Myrtleford, Victoria. With ongoing water restrictions and increasing market demand for high quality produce, Lorenzo and Guido made the decision to find the technology that would not only save them time and money, but that would be easy to use and understand.

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.

When the Cossignani brothers were asked why they chose the Diviner 2000®, the Cossignani's cited:

- Compactness
- Ability to make informed decisions in the field
- Speed of operation in comparison to other devices,

as the key reasons for their decision.

Savings in Time and Money

After using the Diviner 2000® over the past year, the Cossignani's now feel they have a better understanding of moisture levels at each depth in the crops' root zone and the subsequent effects on their crops. Using the data collected by the Diviner 2000®, Lorenzo and Guido have been able to reduce the frequency and amount of water applied to the crops, which has in turn prevented over watering and leaching of nutrients beyond the active root zone.

Understanding the optimum amount of water needed for their crops has also led to a reduction in energy costs. As Lorenzo says *“energy costs are down because water has only been applied when needed and only for as long as to refill (the soil profile) to the desired level hence less energy has been used.”*

In addition to maximising financial resources, the Cossignani's have also been able to improve their time management. For example, the Diviner 2000®'s “Swipe and Go” function has provided Lorenzo and Guido with the ability to view soil moisture in the crops' root zone in a matter of seconds, as opposed to several minutes with similar devices. Being able to view data and make instant decisions in the field, without the need for a PC, has also provided the speed and efficiency required by the busy brothers.

Proven Results

Along with time, money and energy savings, the Cossignani's also report an increase in overall quality, a reduction in berry size and an earlier reaping date as a result of using the Diviner 2000®.

When asked if he would recommend the Diviner 2000® to the other growers, Lorenzo said *“I would and have recommended the Diviner 2000® to others, for its ease of use and for the small amount of time needed to achieve results.”*

For more information on Diviner 2000® or any other product from Sentek Sensor Technologies product range, please contact Sentek Marketing Coordinator Adrian Manera at amanera@sentek.com.au, free call in Australia 1-800-SENTEK (1-800-736-835) or visit www.sentek.com.au for a product information pack to be sent to you.

Acknowledgements

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