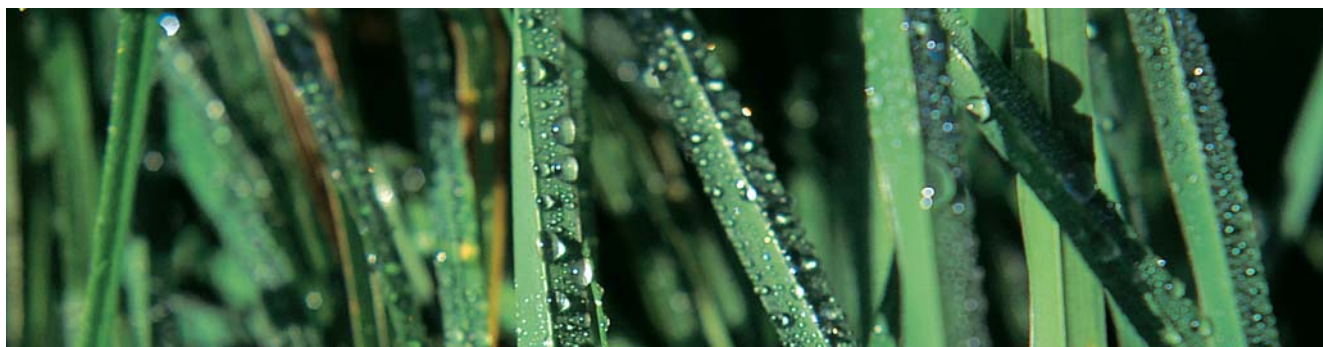


# WiSA Irrigation Solutions – Echuca

# Proudly Australian



## **Creating Technology for Water Use Efficiency – Awarded for Innovation and Technology. WiSA Irrigation Solutions is the leading edge of world technology for Infinite control of Irrigation giving Farmers excellent results for their investment.**

The unique design consisting of hardware, firmware and Software is flexible, robust and accurate. Information is received from farmers paddocks via unit modules powered by solar energy, thereby saving the cost of wire installation as well as the problems associated with wires in the ground.

The communication is by Radio of WiSA's design and the products are in a modular form so farmers need only use or purchase the required modules to complete their project. The units will read most soil moisture sensors, including Sentek, Aquaflex, Echo, and Gropoint probes. Flow meters, pressure sensors, pH, temperature, weather stations and many other sensors can all be read and the data kept on file and graphed for future management decisions.

The irrigation scheduling can be accurately monitored and set according to the information received by the computer. The system will operate as manually as the farmer likes, or can be completely Automatic, receiving information from the sensors and from parameters set within the software which then operate the valves, pumps, filters and fertigation, ultimately applying the right amount of moisture at the right time and in real time.

Already, WiSA has produced great results in grapes, olives, citrus and many other crops. Not only have farmers been rewarded for their investment with higher quality crop yields and time savings, there has also been some water savings. WiSA ensures more efficient use of our precious resource, Water.

WiSA has a mobile telephone system that will run Pivots and start and stop read soil moisture sensors. This versatile system has many applications and can be used by municipalities in running their sports fields or road scape. If a club uses a playing field, it will provide them personal access under their own security, keep track

of the power used and even monitor the opening and closing of doors when finished for the night. All information is then relayed to the superintendent via SMS messaging and all information kept in main PC.

WiSA has developed a diesel motor control that will start a diesel engine, warm it up, and run the motor to pressure or flow giving Infinite control to irrigation that only electric variable speed drive motors have had in the past. This system also relays all required data of the engine to the computer. WiSA have irrigation designers and crop managers that work with farmers to put together a very efficient system for the application of water and fine control of fertilisation. Further assistance and training of the Irrigation Management system allows Farmers to get the most from their crops and the maximum financial return using the same area of land.

WiSA has an agent in Dubai U.A.E and have installed equipment in the zoo for the Sheik at Al Ain. Argentina is now ready to import WiSA technology into South America. Interest has been expressed from Italy and Spain for Olives and Grapes, United States, Canada, South Africa, China, India and the United Kingdom. A WiSA system can be operated from anywhere in the World, so farmers can effectively manage their farm while on holidays or working away.

WiSA technology has been developed with the Australian Farmers needs, interests and requirements at the heart their design. A total Irrigation Management package in one complete System. You can purchase your management package in modules starting with soil moisture only providing control only to basic soil moisture, right through to the fully featured system with PLC operation and many other features. All systems have graphical display for all data collected and operated - Seeing is believing. New products are soon to be released using the same principles but without requiring a PC to run them. As your requirements grow as does the need to expand, all WiSA equipment is expandable so there is no need to replace any equipment already installed.

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