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30 units readied to go out to Williams Cattle Co S.A

# BREAKTHROUGH ON WATER FOR STOCK, CROPS AND CENTRE PIVOTS

**PRODUCERS can ensure their livestock have access to healthy drinking water using HydroSMART's electronic system that softens hard water sources for decades with no maintenance.**

This can help to optimise stock weight gains and provide protection from illness and disease, ensuring higher overall productivity. Scouring is commonly ceased when lactating cattle and calves drink treated water.

To improve the quality and ensure the integrity of farm water, South Australian-based agricultural, water engineering specialist HydroSMART has pioneered, for more than 25 years, its innovative physical water conditioning system and the team loves what they do. Tried and proven across all agricultural markets, it also does pivots and flood irrigators.

HydroSMART chief executive officer Paul Pearce said the electronic system was designed to help homeowners and farmers improve the quality and performance of highly-mineralised, hard, salty, iron or calcium/gypsum-affected water from bores, rivers, town mains and saline areas. He said it was based on particle physics research, which has established that scale layers and corrosion problems are related to how well minerals in water are dissolved. Their systems and processes have met with resounding success.

"Because our HydroSMART system dissolves a broad range of minerals that build-up in water-carrying pipes, the water flows easier," Mr Pearce

said. "And, when dissolved, the minerals are kept longer in suspension – without building-up to form new scale. "These minerals then run out – with the water – through the pipes, pipeline drippers, sprayer units or other equipment that is in full-time contact with treated water. "After water treatment, the minerals become a valuable asset because they are better able to be metabolised by plants and animals.

"Our new HydroMAX unit is capable of working powerfully on very hard water in large pipe flows used for flood irrigation and centre pivots with a range of exciting outcomes now being reported for numerous growers.

"Dave Prosser, in Marcolatt, South Australia, was about to retire his pivot due to poor lucerne growth and pivot corrosion when instead, he fitted a 225 millimetre HydroMAX system and saw a rapid response on water of 3550 conductivity as his crop yielded more than he had seen for years.

"The salts on soil inside the drop zone disappeared, also he reported that the same treated water used around his homestead on lawns and gardens had them all take off. "Similarly, in Tintinara, South Australia, centre pivot grower Michael McCabe, who used a 'screwdriver trial' to assess soil hardness, saw the white salts on soils rapidly disappear, his crop yielded 25 per cent more, greater flowering and vigour was observed by his agronomist and his screwdriver slid into soils instead of taking great pressure to push into soil as had always been the case prior."

Mr Pearce said it meant healthier livestock and increased crops for all types of farmers and

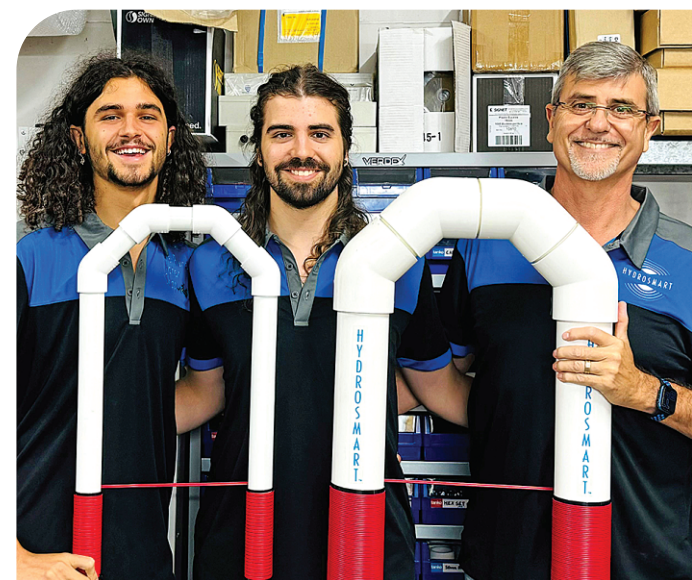
property sizes. He said the technology has proven itself as sustainable, long-term and effective at tackling Australia's diverse – and often harsh – water challenges to boost agricultural business returns.

HydroSMART is a family business as Mr Pearce and his sons Zac and Jai are taking on the next generation of water care. HydroSMART has been working nationally with family farming businesses for about 25 years, to help them improve onfarm water quality and systems.

"After working in water for so many years, I believed it was definitely something everyone needed – good water or bad water that does good things," Mr Pearce said. "I started some good partnerships with scientists, and we have a biologist and electrical engineer in the team. "We found we could add real value to water by using frequencies and a little bit of electricity, without any filters or consumables and no streams." Mr Pearce said farmers used the HydroSMART system to address a range of water issues for stock, pasture, crops and horticulture.

**For more information: Go to [hydroSMART.com.au](http://hydroSMART.com.au)**

Zac, Paul and Jai Pearce (left to right) tackling water care



*HydroSMART,  
a family owned  
and operated  
business.*

**Website: [hydroSMART.com.au](http://hydroSMART.com.au)**