

# Turning 'bad water' into liquid gold

WITH much-needed precipitation coming from the heavens this week, it's all too easy to become focused on the quantity sitting in our rain gauges, but have you really thought about the quality of the water you're using at home or on the land?

While a good soaking can temporarily get things back on track, it's the ongoing condition of your water (and how it's delivered to stock and crops via irrigation systems) that's just as important.

That's why Hydrosmart is the smart way of solving old water problems with no waste streams, filters, chemicals, or the need for any ongoing consumables.

Hydrosmart has been manufactured in Long- laide for the past 24 years and is used for long term effective treatment of Australia's diverse, often harsh, water problems.

The company's ingenious, patented technology provides a simple 'physical' solution to many water issues — particularly from highly mineralised, hard, salty, iron or calcium/gypsum supplies that are traditionally delivered from main, bore, dam or river sources.

## All the technical stuff:

Hydrosmart's physical water conditioning system is a simple, sustainable and effective approach to conditioning water.

By applying it, you get the advantages of using technology that requires no chemicals, no filters and no maintenance. And it's far more effective than simple magnets and has no waste streams like Reverse Osmosis produces. The "plug and play" process is based on scientific research which established that scale layers and corrosion problems are related to how well minerals in water are dissolved.

Subsequent application of the technology by crop growers and stock water users has

demonstrated that better dissolved minerals and salts also deliver a distinct growth advantage for living organisms.

Hydrosmart utilises a series of computer generated resonance frequencies (ULF and VLF) to disrupt bonding between minerals and charged compounds.

These frequencies break the mineral bonds — much like sound waves shatter glass.

As well as acting on minerals, the resonance technology also acts on water directly, by affecting the natural dipole of water molecules. This neutralises mineral precipitation, removes old scale and oxides, and prevents corrosion in pipes and all fittings in the flow.

A Hydrosmart microprocessor unit produces resonance frequencies that are focused on the water flow via antennae wound in tight coils around the pipe.

Most importantly, there are no reject streams, no pressure losses and no flow restrictions. Units last and work the same as day one, for decades.

Frequency effects remain in treated water for up to seven days and progressively break down bonds of any mineral deposits.

Calcium and iron scale in pipes and equipment connected to the treated flow gets leached away within a period of months. These minerals are pulled into suspension (dissolved) and exit the pipe with the water flow, the ionic charge influences elements which can then be better utilised by plants and stock with soil having improved percolation as softer water leaches more easily down via gravity after treatment.

## What it means for you:

That's a lot to take in for you or me, but the bottom line is Hydrosmart softens and removes old mineralised calcium, iron, and mag-

nesium scale buildup, keeping it dissolved and in suspension so it's not forming as scale.

It then runs out through the pipelines, drippers, sprays, and all things in full time contact with treated water and can be better metabolised by plants.

That means greener lawns and healthier stock and produce (whether you're on a thousand acres or simply growing some veggies in the back yard).

## Happy customer:

One landholder more than impressed by the Hydrosmart system is Malcolm Price who owns 90 acres at Irongate (near Pittsworth).

Having set up a bore and gravity feed tank watering system for his fruit trees, Mr Price found the high level of salt in the irrigation water was causing more harm than good.

"We saw our plants were losing colour in their leaves and the drippers were backing up from the salt content," Mr Price said.

"So, we did some research and found how Hydrosmart could quickly counter this and the results have been incredible.

"Our veggie and fruit trees are going great and the cattle are still able to benefit from the sodium levels in their drinking water.

"When we first drilled the bore, the water was terribly salty, way too salty to drink, but I can say now first hand that it's bloody excellent."

"The system makes that much of a difference."

## Satisfaction guaranteed:

Hydrosmart produces and ships thousands of



**SIMPLE AND EFFECTIVE:** Craig Osborne is just one of the many satisfied customers who have seen incredible results thanks to the Hydrosmart water conditioning system. *Photo supplied.*

units around Australia and overseas to a diverse range of clients including landholders, nursing homes, vineyards, factories, councils, hotels and resorts; even high schools.

In fact, Hydrosmart caters for a host of potential uses in domestic, aquatic, agricultural and commercial ventures, mining and industrial applications, protecting and enhancing Council grounds and infrastructure; as well as

offering recognised solutions to turf and irrigation suppliers.

If you'd like to see how the Hydrosmart team can easily fix your water issues, be sure to visit [www.hydrosmart.com.au](http://www.hydrosmart.com.au) or give them a call on 1300 138 223.

Hydrosmart... better for your crops, better for your livestock and better for your home or business.

## Fix your water today

### Salinity, Scale, Iron and hardwater solution

- ★ Soften hard water for decades on \$10 power yearly
- ★ Clear out scaled pipes, increase flows
- ★ More effective than magnets by design
- ★ Grow healthy plants using saline water
- ★ Healthy stock using hard water
- ★ No waste streams or decreases in flow
- ★ Used by farmers, stations, councils, mining companies
- ★ Scientifically tested and proven technology
- ★ Australian Made and Owned for 23 years

