

paddock, home & garden



**100%
Australian
PRODUCT**

The benefits of DELTA technology

DELTAwater solutions has the products and know-how to combat problems involving a build-up of calcium and iron-based scale, salt levels and corrosion. It applies anywhere there is plumbing. This includes hot-water heating systems, evaporative air-conditioners, reticulation, sprinkler or swimming pool systems, boilers and of course plumbing to those all important shower recesses, baths, taps and toilets.

CASE STUDY

John Dunkley sees the proof of DELTAwater solutions in his lucerne paddocks, in his wife's roses and in his bathroom.

The Queensland Lockyer Valley farmer installed the DELTA technology on his irrigation system and on his house and is enjoying all-round improvements.

"In the first two cuts of lucerne after we installed our DELTA there was no real change in rainfall but our second cut in particular had a much higher yield," John says. "And the lucerne's been flourishing even in places where the soil had previously shown signs of hardness.

John's comments come as he halts his tractor in a lucerne paddock that's just recorded another cut since DELTAwater solutions technology arrived at his farm. He looks at his paddock, lying ready to rake, and relishes the fact that the yield's looking even better again.

"We bale it for hay. It's better quality and we'll probably get another 25 bales extra off the same spot where we'd usually get 100," John says. "In places the lucerne's been 800 (millimetres) high. We'd be lucky in places before if it was 600 high."

John's family has farmed the land for almost 60 years and started irrigating from a bore several years ago. John began researching options after realising his six hectares of lucerne was under-performing despite the travelling irrigator. "The crop would still grow, but the yield just wasn't there," John says. "And we'd noticed a bit of deterioration in the soil as well. We have hard water and sodium had built up in the soil."

So he started investigating his options and DELTA's water treatment technology grabbed his attention.

Since John installed the DELTA conditioners he's noticed a change in the garden and house too. "We use it for household water as well and we don't get the mineral stain in the shower and toilet like we used to," John says.

"We also use it in the garden and put it this way – my wife's growing roses on it and not killing them. Before we had our DELTA, the water made the roses go white and scaly."

John says he procrastinated about a workable solution to his water woes for a long time. He's pleased he finally got on with it and urges others with water quality issues to consider the technology too. "It's made a difference," he says simply.

Water test results

Electrical Conductivity	2230uS/cm
Total Dissolved Solids (TDS)	1427.2mg/l-ppm
Total Hardness (CaCo3)	26mg/l-ppm
Sodium	560mg/l-ppm
Chloride	115mg/l-ppm
Sodium Absorption Ratio (SAR)	26.59

CASE STUDY

DELTA transforms rural NSW garden

People driving past the property of central NSW part-time grazier, David Ward, have been looking over the fence towards his front garden wondering how he can get his lawn so green and his garden beds so lush.

The area around Cudal, west of Orange, has salt and calcium rich spring and bore water which restricts the growth of garden plants and lawn, and neighbours were surprised to see such rapid garden establishment in their midst.

David says some asked if he'd been taking all the water from the nearby creek, knowing his salty bore and spring water supplies couldn't produce those results. He simply laughed and told them it was his 'secret weapon' but the level of interest means it's impossible to keep it a secret any longer.

David has installed a couple of signs on property entrance gates so everyone knows he's using a DELTAwater solutions water treatment system on supplies to his and his parents' gardens and nearby cattle troughs on the property where they've lived for a number of years.

He says after installing the environmentally friendly 100% Australian system, which requires no power or maintenance, their gardens have thrived. The nearby cattle water troughs have benefitted from the system as well, now having less build up around the float valve.

"The lawns are happy, the plants are happy – everything, from the sensitive plants like roses, bulbs and lavenders and everything in between," he says. "Because of the results, I've had the confidence to establish a whole a new garden area. This new area has grown so vigorously that you don't even realise it's a new garden."



"I certainly recommend DELTAwater solutions to others – their products have done wonders for our garden."

David came across DELTAwater solutions via his long-time pumps and irrigation agent Keith Sproule from Midwest Irrigation. He wanted to address the problems his salty bore and spring water were causing, such as coating his plants with a white film of dehydrated salt and stunting plant and lawn growth.

"We were really struggling with our water which was coating our whole garden in a white film, and we could clearly see our plants and lawn were not growing to their full potential. The garden was struggling, the lawn was struggling and as passionate hobby gardeners, we were struggling too."