

# in the paddock - the benefits of DELTA technology



## fact sheet 3

The DELTA technology has 'chucked a big lifeline' to NSW irrigator Stephen Way from Whittier Park near Deniliquin. "The technology works or all the canola we planted after we installed our DELTA would have died. It's definitely chuckled us a big lifeline. And the crops we're growing now are excellent so it's made something that was basically useless valuable again."

Stephen says the bore water he was using for sheep and to irrigate crops was 'destroying the country'.

*"We were doing that much damage using the bore that we had to limit its use. Our land was becoming obsolete because of the build-up of salt in the soil and growing sodium problems. In years of drought I very much doubt that if the DELTA technology wasn't working whether we'd even be here."*

### **The DELTA technology improves crop performance and yield and promotes plant growth in unproductive areas.**

#### DELTA prevents:

- > Poor plant uptake of water
- > Damage to plant leaves, cells and roots of emerging broadacre crops caused by saline conditions
- > Mineral blockages in irrigation systems
- > Damaging arable land from over-use of a saline supply
- > Deterioration in the condition of livestock surviving on poor-quality water



#### DELTA results in:

- > More efficient use of available water resources including mineral-hard or saline bores
- > Water savings and efficiency – improves penetration into the soil. Less loss to evaporation and run off and improved uptake of water by plants
- > An increase in the potential of crop rotation because of greater security in water supply
- > An increase in the versatility of crop species to be grown. Improving water quality increases the growth potential for species with low salt and mineral tolerances



*better water naturally*

1800 283 600  
[www.deltawater.com.au](http://www.deltawater.com.au)



## DELTA is flowing with great solutions

*DELTAwater solutions are experts in solving water-associated problems with custom-made water treatment technology.*

*DELTA water treatment products are designed to treat scale, corrosion, salinity, iron and algae. The company develops and manufactures its innovative 100% Australian products to tackle water quality problems all over the country as well as overseas.*

*In the manufacturing plant in the thriving city of Newcastle, DELTA is at the coalface of a range of industries from mining to government to agriculture.*

*The DELTA technology is environmentally-friendly, pollution and maintenance free and incurs no chemical, maintenance or energy costs.*

*All DELTA products come with a genuine guarantee.*

## CASE STUDY

### DELTA quenches a thirst

The DELTA technology is proving a winner for Australian farmers desperate to provide water for thirsty stock.

Getting water to sheep, cattle and other range animals during hot summers is crucial and DELTAwater solutions is helping make the job easier for many.

Station owner Steven McCracken, 55, who farms a 5000-hectare property on South Australia's Eyre Peninsula, has experienced the benefits of DELTA technology first hand.

He has seen the technology rapidly clear a 'frustrating' build-up of minerals that had blocked his main stock-irrigation pipe.

Circumstances demand that large stations in rural Australia have highly efficient pump and piping systems in place to make the most of scant water supplies. Failure to do the job properly can lead to disaster.

Steven runs sheep and cattle on Kilroy station about 30 kilometres north-east of Elliston. He taps into valuable and high-quality bores which he uses to pump water to his 2500 sheep and 45 cows.

Minerals in groundwater, regardless of drinkability, can leave residue in pipes, pumps and other water-based machines and ultimately cause blockages or corrosion.



Steven recently confronted a blocked pipe when his livestock, trying to cope with hot weather, were in search of a drink.

***"I was quite concerned and stressed at the time. I had cattle drinking on the line and I was not getting enough water through the system," Steven said. "I already had a DELTA on another line so I put it on the one that was blocked. Well, it worked in about five or six days. It was a great relief."***

Steven's success in treating his water with the DELTA technology has prompted him to buy a second unit.