

cropping - the benefits of DELTA technology



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
- > Scale blockages in irrigation systems
- > Damaging arable land from over-use of a saline water 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 plants/crops with low salt and mineral tolerances

DELTA provides a 'lifeline' to NSW irrigation property

"The first year with DELTA-treated water (2008) we grew a 400-tonne canola crop where we couldn't the year before. The DELTA unit paid for itself many times over in the first year, it saved our farm in the last drought and continues to produce excellent results treating previously unusable water. In years of drought I very much doubt that if we didn't have the DELTA, whether we'd even be here."



Founding director Alex Panov visits NSW customer Stephen Way in late 2015 to see how his DELTA water treatment system is working.



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

Long-time central western NSW farmer John O'Donnell knows you need quality water to germinate lucerne. Salty irrigation bore water was hindering growth of crops and pastures on his Condobolin district property "Merriwee".

But when he saw those tiny lucerne seeds starting to shoot after installing the DELTA technology on his irrigation bore, he knew he'd backed a winner. The DELTA has turned water supply with high salt content into quality liquid and John's pastures and crops continue to grow with extra vigour.

"Clover doesn't like salty water too much and it came back too, growing away," John says.

John and son-in-law Guy Shoemark adopted the technology after fearing that flood irrigating with the property's bore supply was slowly poisoning their soil with salt.

"We were worried about soil problems if we continued using the bore water," John says.



"The DELTA certainly works, there's no doubt about that. There are no worries about using bore water now. We let it run and it's all right as long as it's got a DELTA on it."

And it's not just the paddocks getting the DELTA treatment at the property of more than 5000 hectares. John and Guy have installed the DELTA technology at the O'Donnell and Shoemark households to treat supply from a smaller bore.

So they now also have quality water for their gardens, their homes and their stock.