

salinity - the benefits of DELTA technology



**100%
Australian
PRODUCT**

The DELTA water treatment technology combats salinity in irrigation water.

DELTA prevents:

- > Leaf burn
- > Poor plant and crop yields
- > Plants from becoming yellow and dying
- > Deterioration of soil structure
- > Irrigation system corrosion
- > Soil salinity

DELTA results in:

- > Greater productivity
- > Greater potential for crop germination
- > Healthier and more productive livestock
- > Irrigation systems running more smoothly
- > Reduced soil salinity

CASE STUDY

DELTAwater solutions is achieving long-term results for Bundaberg fruit and vegetable grower Godfrey Priebe, who has a message for DELTA staff after using a 100mm Grade-3 conditioner for his irrigation crops for the past decade.

"It works so well there is no way I'm giving it back. In fact I wouldn't even sell it back to them if they asked me to," he says.

Godfrey, who grows fruit and vegetables including tomatoes, capsicums, watermelons and zucchinis on three farms in Bundaberg district, says the influence of his DELTA conditioner is improving his crops every year. And has done since he installed his DELTA system in the mid 1990s.

"It's still working, that's for sure. In fact we've just harvested capsicums in a spot I would never have dreamed of growing capsicums before because of the high salt content in the soil," he says. "Capsicums don't like high salinity and our irrigation water is up to 7200EC. Yet they did well. When we put capsicums in before the DELTA we lost the lot and have never been game enough to try again until now."

Problem

High salinity (Class 5 Salinity with an Electrical Conductivity of 7250uS/cm) in water supply led to poor-quality crops and fruit and in some instances, no crops or fruit.

Solution

DELTA water analysis revealed high salinity and recommended installation of a 100mm Grade-3 DELTA.

Result

Crops including tomatoes, capsicums, watermelons and zucchinis thrive on DELTA-treated water year after year.



Wineries, fruit and vegetable farms, large scale irrigators, sporting grounds, nursing homes, mines, home gardens, abattoirs and houses on the Pacific Ocean island nation of Vanuatu might seem to have little in common. But a need for high-quality water and improved soil health around the world has led to all of them benefiting from our revolutionary Australian-made product.

The DELTA water treatment technology is proving a mighty weapon against mineral and salinity problems in water supplies and soils. We manufacture and distribute our 100% Australian made and owned products from our manufacturing plant in the industrial hub of Newcastle.

DELTA water treatment is environmentally friendly, pollution and maintenance free, incurs no chemical, maintenance or energy costs and has a service life. All DELTA products have 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.