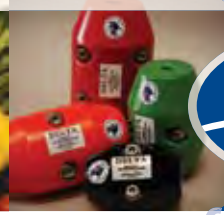


# salinity - the benefits of DELTA technology



**Delta**water  
solutions

fact sheet 1

## **DELTA Magnetic Water Conditioners help combat salinity in irrigation water.**

They can help prevent:

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

They encourage:

- > The potential for more overhead watering of leafy plants
- > Greater productivity
- > Greater potential for crop germination
- > Healthier and more productive livestock
- > Irrigation systems to run smoothly
- > Reduction of soil salinity

## **CASE STUDY**

DELTA Magnetic Water Conditioners are having profound results in Texas, the largest cotton-growing state in the United States. DELTA'S Alex Panov, on returning from an overseas fact-finding tour, found installation of Delta conditioners in the Amarillo area of northern Texas producing 'spectacular' results.

***"Cotton is quite salt tolerant but the salt level is increasing so badly there that plants haven't been able to germinate," Alex said. "In one irrigation paddock conditions have dramatically changed after only one season of Delta magnetic water treatment. The paddock now shows good germination and crop potential."***

Texas A and M University, an internationally-recognised agricultural and mining institution, has launched a monitoring program to understand more about the DELTA technology.

### **Problem**

*Salinity impact on broadacre cotton-growing potential.*

### **Solution**

*Installation of several DELTA Magnetic Water Conditioners including 100mm Grade-4 and 150mm Grade-4 models.*

### **Result**

*More productive land; cotton plants thriving and cotton seeds germinating, protecting the long-term integrity of the farmer's major asset - the soil.*



*better water naturally*

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



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.

DELTA Magnetic Water Conditioners, which treat water through powerful magnetic fields, are proving a mighty weapon against mineral and salinity problems in water supplies and soils. We manufacture and distribute our 100% Australian made and owned conditioners out of our Hunter Valley base in NSW.

Magnetic water treatment is environmentally friendly, pollution and maintenance free, incurs no chemical, maintenance or energy costs and has a service life of more than 25 years. All DELTA products have a 100% money back guarantee.

## CASE STUDY

DELTAwater solutions is also 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 he believes the influence of his DELTA conditioner is improving his crops every year.

“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 there about 10 years ago we lost the lot and I have never been game to do it 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 Magnetic Water Conditioner.

### **Result**

After a decade, crops including tomatoes, capsicums, watermelons and zucchinis living on magnetically treated water are thriving.