

# fruit & vegetable growers

## the benefits of DELTA technology



## Fruit and veg grower turns to DELTA water treatment to fix salty water problems

Fourth generation horticulturalist Anthony Rehbein grows watermelons, potatoes and ginger in fields around the Hummock area, halfway between Bundaberg and Bargara. Much of the produce finds its way to Brisbane, Sydney and Melbourne as well as main retail chains and independent grocers up and down the east coast of Australia.

But during the past three years, Hummock Produce has seen a steady decline in the quality of irrigation water, resulting in a drop in the quality and size of their produce. The salty irrigation water, particularly for their summer crops, was also causing significant leaf burn.

Last year this 100% Australian farmer found a 100% Australian solution for his problem – a DELTAwater solutions water treatment system.

He found DELTAwater solutions via his local pumps and irrigation agent J & R McCracken. Their recommendation, combined with anecdotal evidence from neighbours who have installed a DELTA water treatment system, guided his decision to make the investment on his own farm.

Made and manufactured in Newcastle, DELTAwater solutions products are environmentally friendly, require no maintenance and are pollution and chemical free.

Anthony said the DELTA system resulted in an immediate and remarkable change in their produce. He said he would highly recommend the product to others battling problems caused by salty water.



ginger before



ginger after

*“Within two weeks of installing our DELTA system, our crops started to transform and come to life. There’s been a huge reduction in leaf burn and we have noticed a size increase in our commodities, which in turn has resulted in an overall increase in yield. There has been a remarkable change in the quality of our product because of DELTAwater. I would recommend others to use the DELTAwater system – it’s great.”*

Anthony Rehbein, Hummock Produce

### 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

### Lime trees thrive

Lime tree orchardist Phil Oliver's workload has grown since he installed the 100% Australian DELTA bore water treatment system. But the northern Queenslander certainly isn't complaining. That's because his trees are flowering and fruiting more than ever and his yield is up.

And he says he's more than happy to shoulder the extra work from a more productive orchard.

"I'm picking non-stop now and it's all because of Alex and Dianne Panov from DELTAWater solutions," Phil says with a laugh. "I get behind on picking now because there's so much crop. They've given me much more work and I have to work harder!"

Phil knew his 450-strong Tahitian lime tree orchard at Biboohra, north of Mareeba, was in trouble when lower branches sprayed with irrigated bore water from sprinklers started dying and yields slowed. Phil has installed a DELTA Heavy Duty SL unit, which the company custom-makes specifically for water with extremely high mineral and salt content. The Heavy Duty SL can treat water with up to 8000uS/c, Electrical Conductivity (5000ppm salt).



*Before*

*After*

"I started seeing results straight away, with new shoots coming through the branches that were still alive around the base. And then within four weeks of watering, massive flowering started and it just hasn't stopped."

They have also noticed a striking change in their domestic water, which gets the DELTA touch as well.

***"I'm very happy with the DELTA technology. People need to know there's something out there that will give them results with their water problems, whether it's in the house, in the garden or for farmers like me. So I'm definitely recommending it – because it works."***