



IrrigationNZ Display for Shows and Events



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ASHBURTON A&P SHOW

The irrigation display was the winner of the best small trade site at the Ashburton A&P show in October 2018.



CANTERBURY A&P SHOW

The display was very popular at the show, with many visitors recommending that their friends come and visit the stand and play our food map game in order to win a prize of Heartland Potato Chips.

We also hosted a visiting agricultural delegation from China, a number of school parties and three Labour MPs who tested their knowledge of irrigated food on our game.





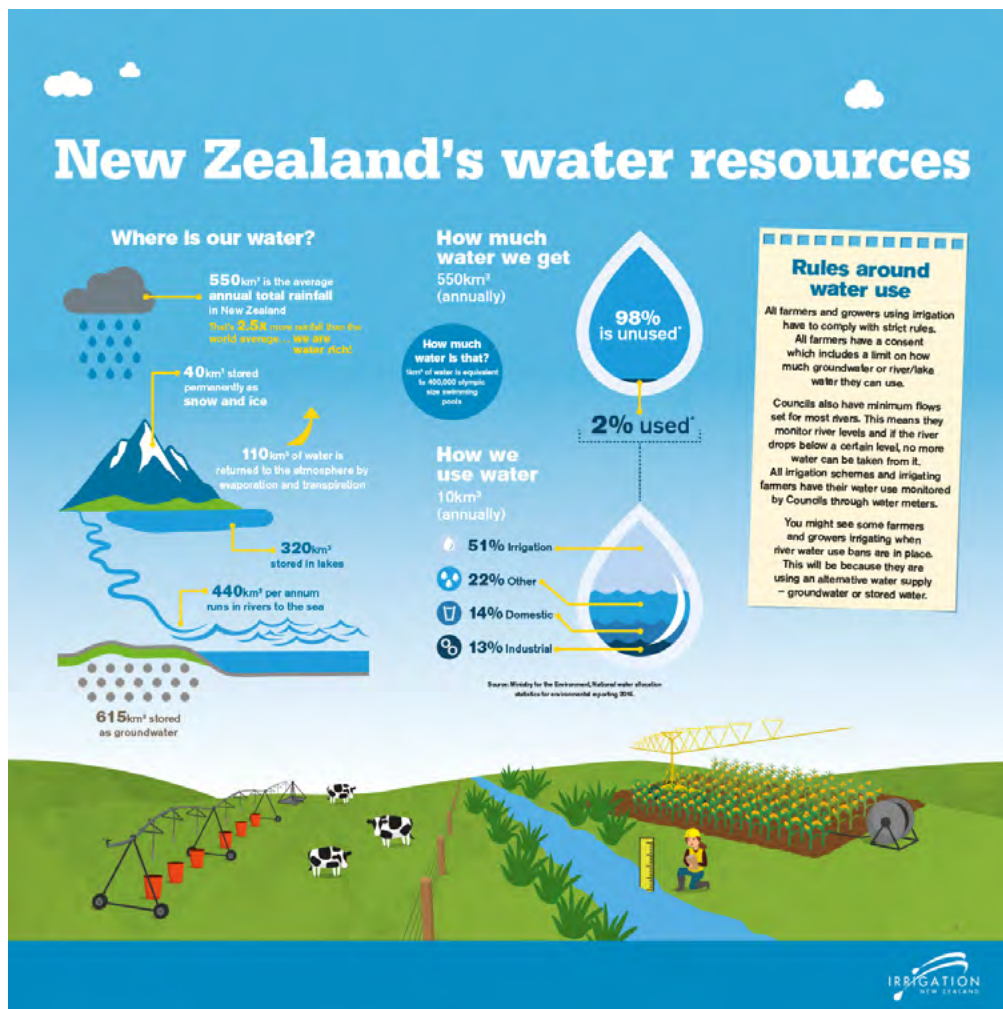
DISPLAY MATERIAL – PANELS

There are four infographic panels in the display. Each panel is 2.25m high by 2.25m wide, with a depth of 280mm.

They are displayed by placing the material panel onto an easily erected spider frame. This packs up to be very light and easily portable as per the adjacent photo of one of the panels. The portable bags are around 1m high.

The panels are very easy to put up and take only a matter of minutes to get ready.





Just add water!

Your favourite foods are grown in New Zealand with irrigation

1
WORLD RECORD

New Zealand's world records!

World-beating wheat
Watson farmers Eric and Marina Watson set a world record in February 2017 when they harvested a bumper crop and became Guinness World Record holders for wheat yield.
The Watsons grow a range of crops including cereals, ryegrass, leucaena, alfalfa, pasture, vegetables, potatoes and citrus, and vegetables for seed production. The record was set on their 100ha farm, which is irrigated.
They have been quick to adopt new technology. Eric has mapped his farm's soils.
This enables the use of variable rate irrigation, which applies different amounts of water to the crop based on the soil's water holding capacity across different soil types. He also monitors soil moisture to check when irrigation is needed.
(Photo courtesy of Agri NZ)

Champion canola
North Otago farmer Chris Dierksen set a world record for canola production in 2015, when he harvested a crop with a yield of 4.31 tonnes per hectare, beating a record set by English farmer Tim Langman at 4.14 tonnes per hectare. The field was recognised by a registered surveyor, and the book weighing and harvesting process had several official witnesses.
Chris grows wheat, barley, ryegrass seed, canola and winter feed for dairy cows on 400 hectares of irrigated land.
Canola oil is used for cooking and as a bio-diesel.

What is irrigation used for in New Zealand?

Vegetable production
90% of New Zealand land growing vegetables is irrigated

Fruit & wine production
Over 60% of commercial production is from irrigated land

Grains & cereal crops
52% of crops are grown on irrigated land

Dairy
20% of New Zealand dairy grazing land is irrigated

Sheep & Beef
2% of New Zealand sheep and beef grazing land is irrigated

Barker's of Geraldine
Barker's of Geraldine is proud to use South Canterbury Macadamia in their award-winning jams, fruit syrups and condiments. Barker's believes the long-standing partnership with local grower Hamish McFarlane has driven success because of the quality and superior taste of his locally grown Macadamias.
With New Zealand Macadamias proven as the best in the world, the McFarlane's spray irrigate their land from the Rangitata South irrigation scheme, supplemented with water sourced from beneath the Orton plains.
"We balance and manage these two sources as we believe it's a sustainable model for the future," says Hamish. "We take pride in the fruit we grow and the way we look after our land." Michael Barker finishes, "Yes than indeed the fruit at the peak of ripeness to make the very best blackcurrant products."

Irrigation is feeding the world

Food grows where water flows
Irrigation is used to grow 40% of the world's food on 20% of the world's agricultural land

275 million hectares
of land is irrigated worldwide

If we didn't use irrigation, the UN estimates we would need 500 million more hectares of land in order to produce the amount of food we do now.

How we irrigate in New Zealand

Year	spray	flood	micro
2012	80%	13%	4%
2017	87%	5%	8%

New Zealand irrigation systems are becoming more efficient as more irrigators adopt modern spray or drip micro systems. These systems reduce unintended nutrient discharge.

Future world population growth

Year	Population (billion)
now	7.6
2030	8.6
2050	9.8

How the world irrigates
86% surface irrigation
14% spray or drip irrigation

How NZ irrigates
95% spray or drip irrigation
5% surface irrigation

By comparison with the rest of the world, New Zealand systems are very efficient, with spray and micro systems widely used.

FARM BACKDROP – PHOTOGRAPHIC BANNER

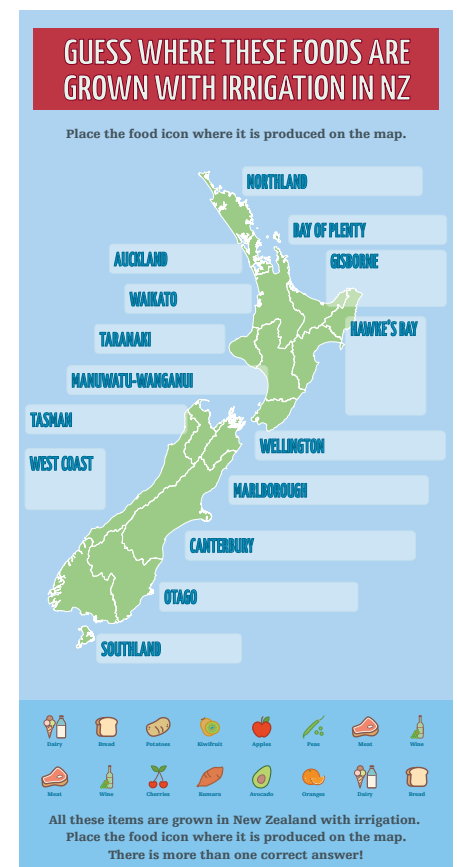
This is designed to be placed behind a pivot display or on a supporting wall to provide a farm backdrop. The banner is a total of 6 metres wide by 1.5 metres high, supplied in two pieces that are 3 metres wide. It can be attached to a wall with strips of velcro tape.



TABLE TOP FOOD GAME

Separate moveable cards of foods icons are included. People are invited to play the game by moving the icons onto the right region. A prize of a packet of chips was from Heartland Potato Chips was included at the Canterbury A&P Show. If people got five foods onto the right regions.

The pack includes the food map (a decal that can stick to the table top) and table (approx. 1.2 metres long by 600mm wide) and moveable icon food cards.



PIVOT DISPLAY

Waterforce provided a small operating pivot as part of the display at both shows.

