



Connect - Nourish - Educate - Inspire

Kaiapoi Food Forest

KAIAPOI FOOD FOREST TRUST

Annual Report: to June 2018



Author - Brent A Cairns - Kaiapoi Food Forest Trust Chairman

Background

The Kaiapoi Food Forest Trust is incorporated under the Charitable Trusts Act 1957 the 13th day of the September 2017. Certificate of incorporation number 2681451

On the 19th September 2017 the Kaiapoi Food Forest Trust signed a "licence to occupy regeneration land" to create a community food forest.

Whilst there was no direction from Council in relation to what we would create, apart from create a "food forest". It was decided to review the following documents

- Waimakariri Residential Red Zone Recovery Plan and
- Canvas - your thinking for the Red Zones

This was done to ensure our design would meet the needs of the community and comply/ be inline with the Councils agreement with Crown.

Excerpts from those two documents follow:

Waimakariri Residential Red Zone Recovery Plan

Greenspace land used for **recreation and ecological linkages** will provide high public and community benefit through activities such as walking and cycling paths; seating and picnic areas; native vegetation; a heritage trail acknowledging both the European and Māori history of the area; and opportunities for edible landscapes (e.g. community food forest and gardens). These land use activities will promote active recreation, support community wellbeing, provide links through and around the regeneration area, and enhance the natural environment. This greenspace area will integrate well with surrounding reserves and residential areas.

waimakariri-residential-red-zone-recovery-plan-updated_0.pdf

Canvas - your thinking for the Red Zones

People values comments most commonly concerned community. Bringing the wider community, families and friends together through promoting enjoyment, unity and Kaiapoi's spirit and style (including local art) in an inclusive space was important to people. For some it is important that the land be productive, or provide a financial return in some way, to avoid an excessive financial burden on ratepayers; however, others were opposed to any form of commercial use of the land.

Personal experiences were also highly valued. Many comments stated the land should reflect recreation, often involving physical activity in natural open spaces, particularly for families. Specific activities such as walking, cycling and picnicking were provided as examples of the types of activities wanted. It was also important to people that the land should reflect relaxation, enjoyment and wellbeing. Good health promotion and earthquake and environmental education were also suggested.

Place values comments focused on good natural environmental management, specifically habitat restoration, and a place for remembrance. This was most commonly represented in creating a green natural space, with some wanting the environment to be returned to what it was prior to human use. This was the case for both water- and land-based areas. People also stated that it is important to plan well for the future and to consider the land type and what is appropriate, for example in the context of the land being naturally wet. Native forests and plants were important to some people and others wanted food production. Some wanted the land to be a legacy for the future.

Recreation: Cultivating food for a range of outcomes, including healthy low-cost community food, social connection and education in food growing, was important to a relatively large number of participants.

Family and Whanau: Nearly all of these comments discussed the land reflecting a place that enables enjoyable family leisure experiences. These experiences related to outdoor activities and popular things participated in with children such as picnics, walking, cycling, enjoying nature, entertainment and barbecues. There was also a common theme of a place where families can spend time together for unstructured leisure activities.

A few comments stated that the land should be available for families to live on again. There was also reference to providing food for people to collect via food forests.

Place values: Good management of the environment was important to participants. This was most commonly represented in creating a green natural space, with some wanting the land to be returned to what it was prior to human use.

This was the case for both water- and land-based areas. People also stated that it is important to plan well for the future and to consider the land in this planning – for example, that it is wet. Native forests and plants were important to some people and to others it was desirable to use the land for food production.

How the land is used to represent the community is important to people. An earthquake memorial was a common suggestion with others also wanting the place to be a memorial to the recent past and earlier times in Kaiapoi. Some wanted the land to represent something that would be treasured as a legacy for the future. Enabling all to use the area no matter what their age, culture or physical ability was also important to some. Several wanted the land to reflect the local community's values and to be sympathetic to the existing environment.

Food related: Most of these comments referred to food production for the local community. Some specifically identified community gardens or free orchards. One comment referred to organic food and how it could benefit the whole community. One comment linked food production to Kaiapoi's name. It is 'kai' apoi. Food, sustenance is what this area has always been about, fishing, agriculture. It still is for us and we would like the town, as it changes and inevitably expands to keep that at heart, even in its urban heart.

Planting edible trees now, native and exotic to reflect our native and exotic peoples, which will come to maturity one by one over subsequent years, reaching out in to the

future, feeding our families and our community, a place to pass the seasons, the harvests, the passing of time whilst acknowledging the past.

Garden: Growing food in the red zone by way of community gardens, fruit trees in public spaces and food forests or orchards made up almost three-quarters of this sub-theme. Participants liked the idea of having food growing because of the links to learning, building community, keeping active, accessibility of food and nutrition. Gardens in general, but particularly flower gardens and botanic gardens, were also frequently suggested.

Fruit trees and Food forests: A large number of participants made comments about having fruit and/or nut trees in parks, in public spaces, along walkways – anywhere that is accessible for the public to pick and eat them.

Many specifically identified food forests and a few specifically suggested orchards. A few noted that food forests require low maintenance. A participant provided a video link to a man in the United States of America who has developed a fruit tree that grows 40 different kinds of fruit.

Kaiapoi north was suggested as an area where food forests could be grown. One participant suggested food forests would put the “kai” into Kaiapoi.

I would love to see the land still be useful as well as beautified and so I think the planting of edible plants/gardens and especially enduring orchard/fruited trees which the community and local wildlife can support/harvest soon, and long into the future would be ideal. I love the thought of people being able to go for a walk and pick and eat as they go.

Education: Using part of the red zone for education was suggested by participants in a range of ways. A few participants suggested agricultural-style education, including: developing an agricultural programme to teach youth how to live from a garden; providing space for the high school horticulture class; an amalgamated school farm; and a space where a food forest, botanic garden and seed bank repository would become an education destination.

Maori history and culture: Celebrating and incorporating Māori history and culture was suggested in these comments in varied ways. One participant suggested having a “wet” market site with an emphasis on local growers, traditional methods of growing and Māori history and another suggested a heritage botanic garden that specialises in “edible and domestic plants pioneers and Māori used, for example medicine, craft textiles, dyeing, and pest control”. It was suggested that Māori history and culture could also be reflected through a “cultural precinct”, artwork, marae and cultural meeting places. One participant noted it was the wishes of the Waimakariri District residents to re-create some of their lost rural and ancestral land.

Community development and Support: These participants generally commented about ensuring red zone development was for the community, that it reflected the community

and was available for everyone. A few participants made comments about the area being one that acknowledges the earthquakes and retains a connection to those who lived there.

Many participants identified various food-related activities such as community gardens, food forests, seed banks, beehives and honey production, planting edible plants, farmers' markets and orchards. They saw these activities as being good for creating community, for example, through working together, working with the land and being able to harvest produce. A few participants also commented that some of these activities could fundraise for the community or donate produce to a food bank to support the community. One participant commented that community is more sustainable when it supports those who are struggling.

Somewhere we can go to remember what was there, and reflect on what has happened to us all, somewhere positive to look to a good community future that everyone can enjoy.

Summary-of-findings-for-the-Waimakariri-District-December-2014.pdf

The above set the framework for the vision of the Kaiapoi Food Forest

Food Forest Timeline:

To develop a Trust that could sign a Council Licence to Occupy agreement we needed Trustees, One Sunday in August I called for a meeting onsite which was attended by around 10 people, from those that attended the meeting, we talked about the vision of what we wanted to create, we discussed a range of ideas, which were compared with the community ideas. From that meeting of prospective Trustees, along with approaching others we developed a balanced group with a wide range of skills

It is with thanks to Lesley Ottey, Kath Adams, Gordyn Hamblyn, Glenn Foley, Natalie Leary, Lucy Nicholson, Michael Fox and Shirley Cairns who have helped bring this project to life.

In the initial design I wanted to create one large area which could possibly be used for events, whilst other spaces were divided into small living room type areas which would provide shelter from winds and capture the most of the available sunlight. Providing multiple entrances to enable local residents to walk and bike through.

The initial design included a space for an educational building, which would include a storage space for equipment to be stored.

The initial design has changed over time to accomodate the growing need for more space for trees/plants and to facilitate moving



through the food forest ie “Desire Line”.

The decision to move trees from the neighbouring Red Zone was made for three reasons.

- The trees from previous residents we viewed as a legacy they left behind. Those trees went from “feeding a family to feeding a community”.
- Having mature trees would provide fruit in that first season.
- The trees would provide shelter and wind protection for any new trees and plants.



August 28th, Treotech who moved the trees, in the two days estimated they could move a total of 10 trees at the cost of \$7500. With the trusts help, they were able to move 17 trees. Which worked out at a cost of \$440 per tree which proved to be most economical.

The design required large volumes of mulch, initially estimated at 450m³, fortunately the good relationship the Trust built up with the staff at Treotech meant they were able to assist with donating the majority of the mulch, saving Council and the Trust it is estimated over 25K.

We have an ongoing requirement for mulch to top up the gardens, which is being delivered by Brians Tree Services. Again at no cost to the Council, Trust or to rate payers.

Early on in the project I met with Greg Byrnes from Tūhaitara Coastal Park, to see what I could learn from someone that is creating a successful park. At one of those meetings I was fortunate to meet Warren Cook from the Corrections Department. From there I applied to have Corrections do maintenance work, ie move mulch, tidy the site etc. Warren was instrumental in securing large numbers of people to quickly get the project off the ground. His knowledge and ideas were valuable.

The Trust through Lesley Ottey’s connections secured a number of heritage apple, pear, and prune trees. These were barefooted trees that needed to be planted as soon as possible. However due to the Trust not willing to sign the first draft of the “Licence to

Occupy” meant we were unable to plant the trees on site, so we were forced to have dumped multiple m3 of soil on our driveway to plant the barefooted trees.

16th September 2017, Open Planting day we arranged a blessing from both Reverend Sandy Constable from St Bartholomews and Romana Croft from the local Runanga and a Kapa Haka group performance.

Around 250 people came throughout the day from as far as Ashburton, Christchurch, Rangiora and Kaiapoi. We planted over 300 trees, berries and plants, over 80 of those were donated on the day. Kaiapoi High School building department donated 2 BBQ tables so people can come and picnic. Thank you to Rev Sandy and volunteers from St Bartholmews church for providing tea and coffee and sausages.

With the upgrade to the Kaiapoi Wharf, we were able to secure (surplus to requirements) Kaiapoi wharf timber. A South Christchurch Corrections team, the team leader I knew with a building background, him and his team were able to construct the garden borders using the wharf timber. To justify the travel distance of the Corrections team we decided that the project was a landscaping learning exercise. The cost to ratepayers was just over \$800 for moving the timber from the wharf to site.

Corrections Department teams have spent a total of 1100 hours on site.

Credit must be paid to Warren Cook (who lives in Kaiapoi) from Corrections in Rangiora for coordinating and arranging at times multiple teams from Christchurch to come and assist at the Food Forest.

The efforts of the Corrections department didn't go unnoticed by some in the community.

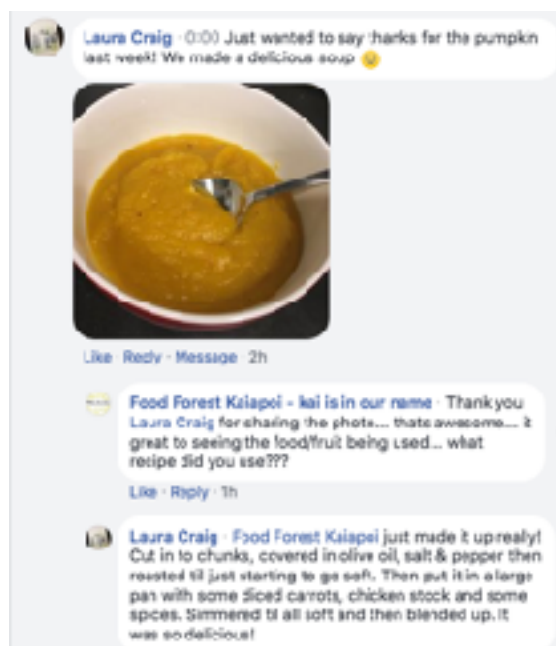
One day Tracey a local resident bought down morning tea for the teams as a thank you. Asking Corrections Team management if this happens very often... and they said it doesn't happen.

This act of kindness along with the work in the food forest has gone nationwide throughout the Corrections Department. The Trust is grateful for the work and effort the Corrections have done



“Inspire” is one the Trusts values - we do this through our Media activity.

We have created an informative website and facebook page which together has generated a database of over 150 email addresses along with our facebook page having 790 followers



The Facebook page enabled us to run various promotions, including a mothers day promotion where people could donate daffodil bulbs and sharing news and videos.



An example of donated equipment and tools.
These tools were donated by Ozzie Smiths family



“Educate” is one of the Trusts values:

Schools and preschools have become involved in painting water barrels... these barrels then in turn water areas of the food forest.



One of the most valuable elements of the food forest is education. Inspiring our youth to be more involved with growing their own food and learning how to grow food. We also see this is as a way of lifting the profile of the Waimakariri making it a great place to live.

Schools quickly started to approach us to visit... far sooner than what we imagined..so we have had to move forward the decision to develop educational plans. These plans had to be adapted for a range of ages, some of the programmes have a practical element.

The likes of Honeybeez preschool visit regularly to look around and allow the children to explore and play.

Locally within the district we will/can target 71 schools and over 200 schools in Chch. An example of some of the education plans we are delivering or planning to deliver:

- How the Food forest came to be,
- Sustainable food production,

- Resilience building - planting a food forest guild at home - cost and time saving benefits
- Permaculture design, guilds in layers
- How plants grow,
- Planting trees and plants practical lesson
- Mulching, why we do it and what are the benefits
- Benefits of trees, they filter water, they take out of the air carbon dioxide, they change colour during the seasons, they change the climate, some sequester nitrogen so as surrounding plants can grow better, they are self fertile, they create complex sugars that feed plants, they provide shade, they attract birdlife...and they provide fruit...for years and years..
- waste reduction,
- worm farms,
- composting,
- Edible weeds, can we eat this???
- water conservation,
- food forest design,
- edible weeds,
- Rongoa (traditional medicinal plants/trees,
- mushrooms what are safe to eat,
- the no spray garden, no fertilisers, no weed killers, no pesticides..
- history of Kaiapoi and Kai in Kaiapoi - pre and post arrival of European settlers



“Connect” is one of the Trusts value - Growing Food - Growing Community

Throughout the year, residents, visitors and supporters provided the follow:

- Waimakariri District Council provided funding for infrastructure.
- Thank you to the Regeneration Steering group for providing this opportunity to develop the food forest and Al Blackie for his ongoing support.

- Thank you to the many previous residents who lived in Cass, Sewell, Charles Streets, who planted fruit trees. These mature trees we moved into the food forest - the trees went from feeding a family to feeding community.
- Greg Byrnes Tuhaitara Coastal Park has provided some wonderful ideas and support
- Corrections Department teams have moved mulch, installed borders and have done a huge amount of maintenance.
- Special mention to Warren Cook and Jan who have helped make this project great.
- CBK Kaiapoi for selling raffles and setting up a loyalty program in support
- Treetech for donating many many truck loads of mulch
- Brian's trees services donates mulch on a regular basis.
- Tracey a local lady who noticed the great work the Corrections teams were doing and bought for them morning tea
- Reverend Sandy from St Bartholomews church for her support and feeding the many helpers at our first planting day
- Leon Burke who was the First Aid provider at our open planting day.
- Rangiora landscape supplies donated a truck load of compost
- Duncan Roxburgh for donating a tree
- Woodend nursery have supplied special discounts to many who have purchased plants
- Bri, Emma, Dearn, Miss Smith, Miss Tame & William from Cactus leadership program at Kaiapoi High for coming and helping
- Overend Law for donating a tree
- FOD of Rangiora for donating trees
- Ramona Croft for conducting the opening day blessing
- Sue Bowles has provided so many plants and seeds
- Craig, Cassandra, Alysse, Sydney and Liliana Smit donated Feijoa trees, boysenberry, bay tree and Red Currant bush.
- Claire Cameron for donation of plants
- Karl and Elisa from FOD, Colour festival in Rangiora for donating the Cubby house
- Susan Mullink donated strawberries and raspberries
- Mandy from the Kaiapoi Community Garden donated a peach tree
- Kaiapoi Community Garden that have helped us in many ways.
- Ann Holder donated plants
- Marina donated avocados, parsely, lettuce
- Marilyn Ayres donated plants
- Rita McNichol donated trees
- Kaiapoi Borough School allowed us a stall to promote the food forest.
- Sylvia Mort for arranging and making grocery bags to raise funds
- Chelsea Rooney for donating bulbs
- Bright Horizons pre school for painting barrels
- Kevin Dwyer and Cathy Batchelor from Council that have assisted in so many ways.
- Sandy Morgan from Clarkville school has been wonderful in organising student visits
- Leone Campagnolo donated pumpkins
- Localising Food Network for sharing the news.
- Otakaro Orchard for donating 2 olive trees

- Kenneth Batchelor from Hook Bush Nursery (Waimate) for donating many plants and trees
- Sally Lane from Compass FM donated pumpkin plants
- Ourihia Primary donated a Myer lemon tree
- Debbie Ford for donation of raspberries and grapes
- Natalie Leary for donating plants
- Shelley Topp from North Canterbury News for spreading the news
- Jackie Watson and the team from the Kaiapoi advocate for spreading the news
- Ourihia Nursery donated trees
- Harcourts Kaiapoi team donated 10 fruit trees.
- Robyn Steven donated 2 trees.
- Stephanie Davidson for her support
- Hannah and Liam from the Rubbish Trip for their promotion
- Rose and Paul who are food forest neighbours who keep an eye out for us.
- T J & C J Burford for funding and their assistance with transporting of supplies and trees
- Debbie Roberson for setting up Kaiapoi Rocks and making the food forest a destination.
- Cameron Family for donating a lemon tree.
- Cattermole family for donating a grape, which was from the original grape bought over in late 1800's
- Trees for Canterbury for donating a 100 trees
- Krystina Hill of Heritage Fruit Archive for the donation of fruit trees
- Monsoon family donated a peach tree.
- Judy and John Parks from Woodend donated Kakabeak and Kowhai trees.
- Caitlyn from New Brighton donated trees, plants and Comfrey
- Clarkville School have donated trees and strawberry plants
- Helen Frith donated an apple and per tree.
- Kaiapoi Garden Club donated 7 trees and cranberry bushes
- Honey Bees Preschool donated a nectarine
- Kaiapoi Lodge donated a Quince tree
- Master T Raimona donated a Lemon and Nashi pear
- Darnley Club donated a lemon tree
- Tauwahare - Hunter Whanua donated a Feijoa tree
- Tracey from Aranui Community Trust for donating a lemon tree
- Hurley - Stephen Whanua donated cabbage trees
- Matt Doocey MP donated a Feijoa tree
- She Believed Beauty donated a fig and Cranberry
- Texture group donated a Feijoa tree
- Garth Fosberg donated a lemon tree
- Bertenshaw family donated 2 dwarf nectarine trees
- Ottey Family donated Blueberries, Boysenberry, Rhubarb, Rosemary plants and tools
- Johnson family donated a golden peach
- Glenn Hood and family Princess grape and other plants
- Cairns family donated over 200 trees and plants

- Lisa Cardwell donated raspberries
- Faye Thomson and Ruth donated trees and plants who sell plants and trees at Kaiapoi Farmers market
- Boyers family donated a feijoa
- Peter Graham from Kaiapoi High donated 2 BBQ tables
- David Stewart donated a range of seedlings
- Mitchel and family and Kate Robb donated an apricot tree.
- Ozzie Smith family donated tools and worm farm
- You Me We Us who donated planters, straw bales and have been great supporters
- Kath Adams donated bikes for plants
- Community patrol South Chch and Waimakariri for helping move mulch
- Dion Hansey who will be the carver of signs, Pou etc
- Thank you to the Trustees for their vision and help to make it all happen.

To show a few:

Rita and Duncan donated and planted trees to celebrate her birthday



Marilyn Ayres donated a number of plants including Sage and Thyme



Leone Campagnolo and family provided surplus pumpkins

"Inspire" is one of our values

The first creative seat, was sited to encourage visitors to come in, rest, relax and recharge (their phone) A solar panel on the roof provides free power to charge phones/tablets. The round bollards were from the wharf revamp, Corrections team assisted with The seat will have an information sign installed about the food forest.



Events Held:

16th September 2017 open planting day, where we held a blessing and Kapa Haka group entertaining. Kaiapoi High school donated two BBQ tables, St Bartholomew's church provided free BBQ and drinks and a place for people to use the toilets



28th January 2018 - Education day:



24th March 2018 planting day:



Other groups took advantage of the open area to hold their own specific events.
You Me We Us - Amazing Race



Kaiapoi Rocks;

People came to the food forest to paint rocks and then distribute them around Kaiapoi. Since the rock group involvement, many children come and visit to hunt for rocks, moving them around and placing new ones.



A local Geocacher installed a Geocache into the food forest and that too is bringing people and making people aware of what and where the food forest is. *The image shows children that have found the cache.*



Community groups involvement:

Kaiapoi Community garden donated and planted many trees.



Community patrol, locally and from South Christchurch visited to lend a hand moving mulch and planting trees. The members, many are to go onto be Police officers will be able to share information about the food forest and the benefits.



Edible Paradise (the Movie) - Growing the Food Forest Revolution featured Kaiapoi Food Forest



Growing food and growing community

COMMUNITY

The Kiapoi Food Forest Trust is a community-led initiative to create a food forest in the heart of the town. The trust was formed in 2014 and has since been working to establish a food forest on the site of the former Kiapoi School. The trust has been successful in securing the site and has been working to establish a food forest on the site. The trust has been successful in securing the site and has been working to establish a food forest on the site.



Working on the Kiapoi Food Forest building site, the trust has been successful in securing the site and has been working to establish a food forest on the site.

The trust has been successful in securing the site and has been working to establish a food forest on the site. The trust has been successful in securing the site and has been working to establish a food forest on the site. The trust has been successful in securing the site and has been working to establish a food forest on the site.

The trust has been successful in securing the site and has been working to establish a food forest on the site. The trust has been successful in securing the site and has been working to establish a food forest on the site.

The trust has been successful in securing the site and has been working to establish a food forest on the site. The trust has been successful in securing the site and has been working to establish a food forest on the site.

4 Friday September 8, 2017

Advocate

Open day next Saturday for new food forest

By Sandra Stewart

A proposed new food forest in the heart of the town will be open to the public for the first time on Saturday. The trust has been successful in securing the site and has been working to establish a food forest on the site. The trust has been successful in securing the site and has been working to establish a food forest on the site.

The trust has been successful in securing the site and has been working to establish a food forest on the site. The trust has been successful in securing the site and has been working to establish a food forest on the site. The trust has been successful in securing the site and has been working to establish a food forest on the site.



The trust has been successful in securing the site and has been working to establish a food forest on the site. The trust has been successful in securing the site and has been working to establish a food forest on the site. The trust has been successful in securing the site and has been working to establish a food forest on the site.



Kaipoi Food Forest update



Kaipoi Food Forest

Growing food • Growing community
connected, nourished, educated and inspired.

In September the Kaiapoi Food Forest Trust signed a licence to occupy with Council to develop a food forest on the corner of Carr and Meadow Streets, the first food forest in the Waimakariri.

Establishing a food forest was a popular request during the community consultation phase in the development of the Waimakariri Recovery Plan. The WDC and the Kaiapoi Food Forest Trust will work together to bring this legacy community project to life.

Creating a food forest is an exercise in connecting people, increasing resilience and sustainability. We start to up skill youth, attract tourists and generate profits for Kaiapoi and the Waimakariri District.

The first job was to move 17 fruit trees from the neighbouring red zone. These trees would not only bear fruit this season but they would provide shelter for additional plantings.

On the 10th September an open planting day drew over 250 people to the Maori blessing of the land and to plant 200 broadleaf plants that had been donated.

The planting day was made even more special when many families came with their own trees and plants.

Kaipoi High School building department donated two barbeque tables for community use in the garden. Thanks must go to Jennifer Sandy and the volunteers from St Bartholomew's church for providing tea, coffee and cake.

The Trust has an agreement with the Conservation Department to do ongoing weed eating, maintenance and more mulch and they are doing a wonderful job.

Mid November we will have our first autumn sale, where we will be showing and selling produce from the food forest works, and in preparation this school has been growing up plants that they will plant during their visit.

Kai is our home. Support Kaiapoi Food Forest.



For the WDC Kaiapoi Contact Details:

Linda Dunbar, Coordinator
Phone: 027 901 3040

Office: Kaiapoi Community Centre
94 Sewell Street, Kaiapoi

Opening Hours:

Mon 8.00am - 3.45pm
Tue 8.00am - 3.30pm
Wed 8.00am - 3.45pm



In September 2017 the Trust presented to the Regeneration Steering group the following plan for Year one

1. Agreement with WDC - regarding licence to occupy and funding. Completed Sept 2017
2. Map Jones Street food forest border, so planting can be done. Completed Sept 2017
3. Mark out garden borders. Completed Sept 2017, altered to accomodate desire lines
4. Gate installation on Cass Street (temporary measure until fencing is done). Completed Sept 2017
5. Install water on Cass Street. Completed Sept 2017
6. Invite Council, Community Board, Community leaders and Community to blessing. Completed August 2017
7. Blessing of food forest. Completed 16th Sept 2017
8. Planting map in readiness for moving mature trees. Completed August 2017
9. Move 10-12 dormant fruit trees from neighbouring red zone (Treetech). Completed 28th August 2017...moved 17 trees
10. Water trees/plants every 2 days or as required. Daily watering program undertaken during the very dry November and is ongoing weather dependant.
11. Planting map for donated trees, which include fruit and border trees. Completed 18th Sept 2017
12. Dig holes, due to the number mechanical would be more efficient. Not required
13. Ask schools for Bukashi for planting of trees. Completed compost donated by Rangiora Landscape supplies
14. Send out invite for planting of trees. Completed Sept 2017
15. Plant donated fruit and border trees. Completed Sept 2017
16. Install borders, using new timber for borders or use recycled wharf timber. Completed using wharf, Kirk Street reserve timber, reduced cost of project, only had to purchase 120lm of macrocarpa border sleepers.

17. Send out request for 2800m² of cardboard and newspaper. Countdown Rangiora donated large bundles and we are getting ongoing supplies of paper and cardboard from local sources. Completed
18. Have compost delivered. Completed, one truck was required for the open planting day
19. Spread 100mm of compost, layout newspaper/cardboard, overlay with mulch to total thickness of 350-400mm. Completed, we are now topping up mulch with second layer
20. Source tree logs suitable for Hugelkultur beds which will be dotted around food forest, which will rot down and for decades provide food for plants and trees. Ongoing, December sourced logs for mushroom beds
21. Start applying for funding for plants and operational costs. Completed
22. As plants and funds become available plant more trees and plantings. Ongoing
23. Further develop connections with schools to have visits by students, teaching staff required. Ongoing, using social media sites and Lesley Ottey's contacts to encourage visits. 15th November the first visit from Clarkville School, with 55, 5 and 6 year olds and parent helpers... as a Kōa they provided 82 strawberry plants, one tomato and one herb plant. We provided each student a certificate and provided education about what and how the plants/trees were being grown. More and more schools are now approaching to visit.
24. Develop a teaching program for the varying ages of visitors, both national and international. Completed and ongoing.
25. Develop database of each plant, when planted and what volume of fruit produced each year. Ongoing.
26. Website to have detailed information about each plant, how it is eaten, how to cook etc. Ongoing
27. Set up the likes of "give a little" pages (or similar) and look for opportunities for people to donate to the Food Forest. Donate money, donate trees, plants, donate time. Ongoing

From Council funding we were able to:

- gate installation \$564,
- trees moved \$7550,
- water connection \$2340,
- move wharf timber \$872,
- soil levelling and trees \$1807,
- border timber \$1652
- *(all exclusive of GST)*

A total of \$14,785

Approximate cost of donated items: Mulch \$27000, Compost, wharf and Kirk Street reserve timber \$5700, trees and plants \$5000.

A total of \$37,700

Donated/volunteer labour costs 2000+ hours @\$15 per hr

A total of \$30,000

Donated tools and equipment:

A total of \$500

Educational programmes delivered:

Valued at \$1500

Total value added to the Waimakariri Community, this amount doesn't include the cost of fruit, vegetables and berries that have been gathered by visitors.

\$69,700

This value doesn't include the people and children that have gone on to start their own gardens.

This value doesn't include the wellbeing benefits and the connecting of families and friends. Understand that virtually everyone that visits includes 2 - 3 generations.

Dr Megan Woods MP, planting a mandarin tree with students from Clarkville School.

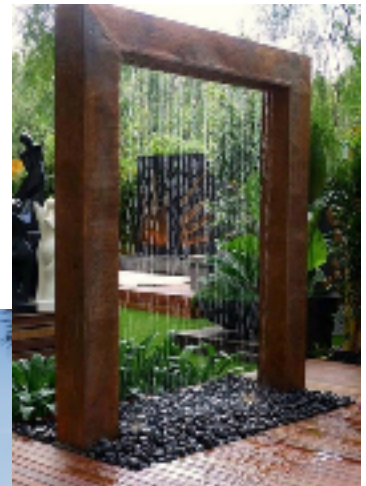
Plan for Second year (some projects have yet and will require Council permission)

- Install carved entrance sign, Rongoa area to have carved Pou entrances along with other traditional features. (see below)
- Continue boundary planting to compliment ecological link.



- Install additional entrances
- Request from appropriate body re signage on main street and potentially motorway.
- Install feature path/s
- Raised planters to be filled with suitable plants
- Continue to level and lay new grass.
- Install secondary pathways through food forest, so easily public can access food.
- Continue planting under layers as funding becomes available.
- Signage for plants, linked back to website with QR codes or similar.
- Signage at entrances with map, what trees and plants and website information.
- Hold regular volunteer days to do maintenance.
- Work with Council to design and possibly build an education Centre as per WDC LTP
- Prune and train trees and plants (have some fruit at reachable heights for children)
- Apply for funding for plants and operational costs. (i.e. Educator and caretaker)
- Develop MOU with the likes of "Satisfy food Rescue" to collect any ripe fruit/produce.
- Increase number of schools and students visiting - always looking at improving what we do.
- Develop strategies to monitor and increase visitor numbers.
- Survey visitors to understand what changes are required.
- Connect with community groups to hold events in the Food Forest... i.e. Kaiapoi Art Expo
- Develop events around food, cooking displays with the likes of International Culinary School.
- Further work with schools regarding educational opportunities along with other education facilities. i.e. University, at risk youth etc.
- Look for sponsors so as to start enhancing the food forest with artworks, seating, BBQ area and education area.
- Install foundations for more seating and cubby play house

“Rongoa area” examples of carved Pou, Pataka and entrances. (designs yet to finalised)



Executive Summary:

1. The Food Forest was set up to fulfil community expectations as expressed in various consultation approaches.
2. Agreement with WDC to manage this aspect of the community's desire for the Red Zone (Regeneration Zone).
3. The Food Forest is a registered charitable trust and as such has values and policies that encourage the following aims:
 - a. To provide abundant food for the community
 - b. To educate school children and the community on the principles of a food forest design, permaculture, sustainability, waste reduction, resilience etc
 - c. To encourage a biosphere that does not require artificial fertilisers, sprays etc
 - d. To develop an attractive recreation space for families and community use
 - e. To be a place where people are encouraged to contribute to a community building initiative
4. There have been several community events to plant trees and educate attendees.
5. Much work has been done by Correction Department personnel who have assisted with construction of boundaries, spreading of mulch and weeding etc. This benefits the garden and the individuals working in the garden and is a very valuable partnership.
6. Many schools have already attended education sessions that have been very well received.
7. Local and out of district businesses, groups and individuals have shown their support with very generous donations of plants, time, resources and money.
8. The Trust is currently planning, in partnership with local iwi, a Rongoa area which will honour Kaiapoi's historic importance for Maori
9. Already the Kaiapoi Food Forest is proving to be an attractive destination for locals and visitors – a valuable asset for Kaiapoi.

Conclusion: Any visitor to the Kaiapoi Food Forest will be very impressed with what has been achieved by a small group of dedicated volunteers in the nine months of its existence.