

Project Details

- Date:** 16th April to 30 April 2010 - 14 days
- Location:** Livingston, NSW Australia.
- Consultants:** *Nick Huggins*, Permaculturalist, Diploma of Horticulture, Cert III on Landscape Design and 15 years experience in horticulture.
P.David Stockhausen, Permaculturalist, Market garden manager
- Climate:** Wagga Wagga has an annual mean rainfall of 572mm and median rainfall of 575mm, distributed fairly equally over the full 12 months. Maximum temperatures in summer are warm averaging between 29C and 44C. Relative humidity however remains low in the summer months with a 3pm average of about 30%. The winters are cool to cold with overnight minimums averaging 3C and daily maximums climbing to only 12C to 14C on average. Relative humidity is much higher in winter with a 3pm average of over 60% and a 9pm average just below 90%.
- Frost and fog is a feature of Wagga Wagga in winter. Snow has been recorded in the area but is a very rare occurrence.
- Client:** 2 adults and 3 children.
- Brief:** The family interest in Permaculture and knowing where their food comes from, and food security is very important to them and teaching the kids that fresh is best. The garden must function like a Permaculture garden but also fit in with the main house landscaping style and tie into the surrounding landscape.
- Garden Spec:** 400 m² of vegetable kitchen/ Main crop garden and 800 m² of orchard/food forest.
- Materials:** 57 assorted fruit trees
Assorted winter crop vegetables
240 m³ of hay bales (delivered on 2 large semi trailers)
10 m² of blue metal road base for the garden paths
New fencing
200 wooden stakes
Pink site marking paint
6x 3m long hardwood railway sleepers
10 m³ of Organic compost and cow manure
30 Bamboo for wind breaks
15 ornamental silver birch
200 support species (Nitrogen Fixing)
200 tree guards
200 tree stakes
200 tree weed mats

Fully automated irrigation system
Shade cloth custom made 6m x 3m with sides
5lt organic plant tonic
3x 20kg bags of Tree starter
Cover crop seed

Project Cost:	Consultant NLH 14 Days work + Travel costs	\$5320.00
	Consultant PDS 14 Days work + Travel costs	\$5320.00
	Excavation hire (Dry Hire) 5 Days	\$3500.00
	Plants (all fruit trees) inc Delivery	\$6441.00
	Support Trees (see attached list)	\$600.00
	Global Land Repair Tree guards and Supplies	\$2102.00
	Vegetable seeds (Eden Seeds) mail order	\$180.00
	Cover crop seed (Local farm supplies)	\$30.00
	Hay Bales (Mulch) Bulk bales Inc Delivery	\$5000.00
	Landscape Supplies:10 m3 of road base Inc del	\$675.00
	Irrigation, Pumps, valves, Computer & install	\$4571.00
	New fencing	\$3400.00
	Shade structure and Custom cover	\$2650.00
	Wooden stakes, hessian tree tie	\$1050.00
	Misc site items	\$170.00
	Total	\$41,009.00 (approx)