



enviroed4all® - Family Farm Snapshots-

an educational resource at <http://familyfarms.enviroed4all.com.au/> for the

2014 International Year of Family Farming “Feeding the world; Caring for the Earth”





World Environment Day Survey - Data Wimmera food plants in homes

Thankyou to everyone (part-time family farmers) who contributed to this survey.

It was made as an open invitation over the web, radio and papers. Those who replied are part-time family farming in the Wimmera. The data for this survey came from:



With 35 replies, 32 grew food plants at their home, i.e. were part-time family farming:







-  26 grew fruits
-  22 grew vegetables
-  20 grew herbs
-  4 grew nut trees.

The data collected follows as a table. This has been graphed and analysed in part 2 of this report. Teachers may prefer to use the data for their own graphing and interpretation exercises eg to fit with the outcomes for AC Mathematics domain Statistics dimension F-8.

Table of Food plants Wimmera families grow at their homes:

Fruits	Number of growers	vegetables	number of growers	herbs etc	number of growers
apples	9	arcichoke	3	basil	8
apricot	10	asparagus	1	bay	1
Cherimoyas	1	beans	8	carob	1
fig	2	beetroot	5	coffee	1
grapefruit	5	broadbeans	1	chives	12
grapes	3	broccoli	2	coriander	3
guavas	1	cabbage	1	curry	1
lemons	21	capsicum	3	garlic	3
lillypilly	1	carrots	6	ginger	1
loquats	7	cauliflower	2	lemon mint	1
mandarines	7	corn	2	marjorum	1
mulberry	4	cucumber	3	mint	10
nashi	1	greens	2	oregano	5
nectarine	4	lettuce	4	parsley	10
olive	2	onion	4	rosemary	6
oranges	11	parsnip	3	sage	1
passion fruit	5	peas	2	sunflower	1
peaches	9	potatoes	3	thyme	5
pear	6	pumpkin	7		
plums	7	rhubarb	5		
pomegramate	3	silverbeet	7	NUTS	
quinces	3	snow peas	2	almond	1
raspberry	1	spring onion	3	pistacchio	1
strawberries	8	tomatoes*	14	waterchestnut	2
* Please note that technically tomatoes are a fruit, but most respondents to this survey put it in the vegetable group, hence it is reported as such here.		turnip	2		
		watermelon	2		
		yarrow	1		

Suggestions for Data interpretation, find:

-  the number of different types of plants grown in each group
-  ranges – (maximum to minimum) - for each group
-  modes- most common response – for each group
-  averages – sum growers and divide by number of plants - for each group
-  estimate $\frac{1}{2}$, $\frac{1}{3}$ and $\frac{1}{4}$; then find which plants have this many growers in each group.
-  Represent the data with graphs