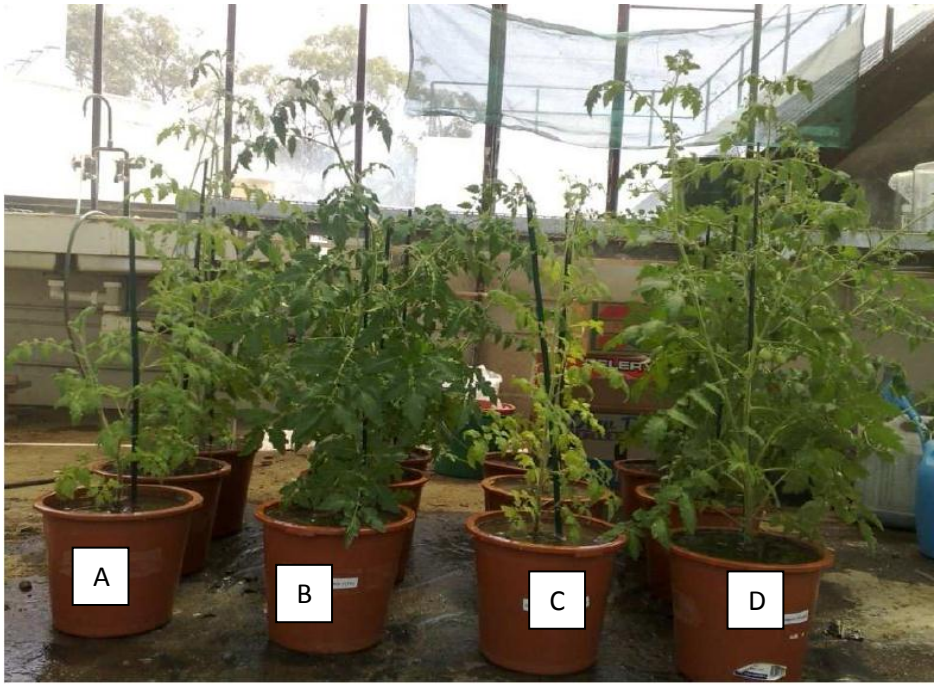
Complete Organic Food for Plants and Soils

www.vcpower.com.au mobile 0435-574-839

VC Power
lovingly made by a million worms

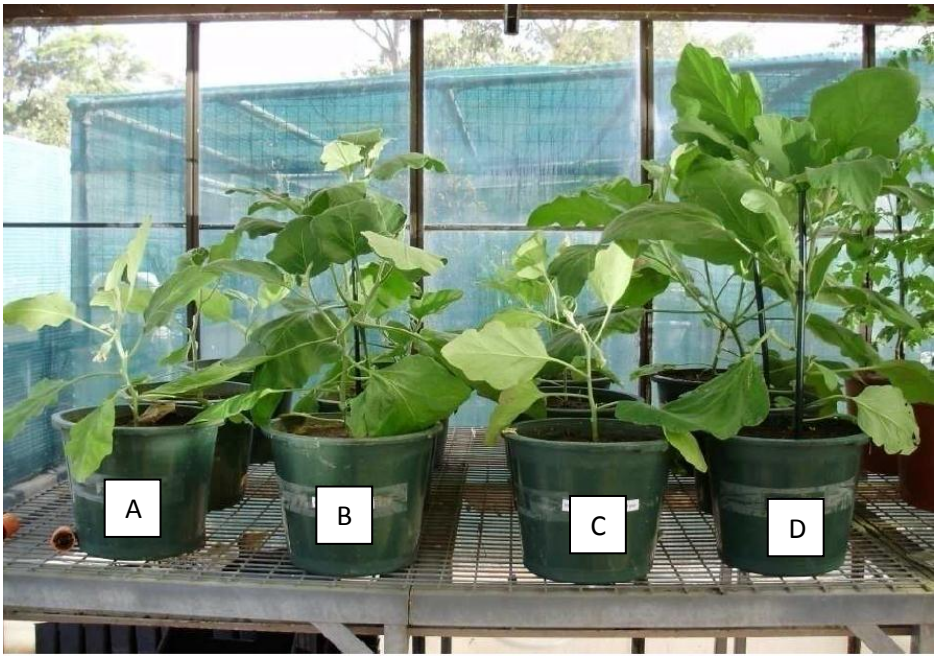
Trials Conducted at Griffith University by Professor R.K.Sinha and team, 2010



Potted Tomato plants after 10 weeks

Potted Tomato Plant results

Plant	Input	Result
A	Control (No Input)	60 cm
B	Chemical Fertilser	71cm
C	Marketed Organic Manure	52cm
D	Vermicompost	138cm



Potted Egg Plants after 10 Weeks

Potted Egg Plant results

Plant	Input	Result
A	Control (No Input)	25 cm
B	Chemical Fertilser	48cm
C	Marketed Organic Manure	28cm
D	Vermicompost	83cm

Canadian Trial

10% Worm Castings **No Worm Castings**

Chrysanthemum Rooting

- Incorporated 10% vermicompost into the propagation media (peat)
- Rooting occurred over 2 weeks, after which the media was washed off the roots
- There is an 173.5% increase in dry root mass when rooted in 10% vermicompost
- The dark pigmentation on the roots could not be washed off

Mineral depletion in Australian Fruit and vegetable				
Fruit / Veg	Mineral	1948	1991	Percentage
Potatoes	Calcium	27mg	3mg	89%
Brocolli	Magnesium	160mg	29mg	82%
Carrots	Vitamin A	25,000 iu	91iu	99.6%
Apples	Vitamin C	25mg	5mg	80%

Mineral depletion in UK Meat 1940 -1991	
Iron	**54%**
Copper	**24%**
Calcium	**41%**
Magnesium	**10%**
Potassium	**16%**
Phosphorous	**28%**

According to Dr Christine Jones it is possible today to buy an orange that contains ZERO% Vitamin C!

Why use VCPower VC (Vermicompost)

Food Enrichment.

1. CSIRO Studies (Baker & Amato, 2011). found that the presence of earthworms (Aporrectodea trapezoids) resulted in a **12% protein** increase in Wheat (Triticum aestivum).
2. Shankar and Sumathi, (2008) reported **significantly higher vitamin C** in spinach, tomato, turnip, apple, cabbage, carrots, beetroots, celery, lentil, lettuce, pepper, potato and pears grown on vermicompost.
3. They also studied that tomato grown on vermicompost had significantly higher total antioxidants, total carotene, iron (Fe), zinc (Zn), crude fibre and lycopene content than the other organically grown tomatoes.
4. Vermicompost applied tomato also registered significantly higher 'shelf-life' when stored at room temperature.(For more information see Vermiculture for Organic Horticulture http://www.todayscience.org/AS/article/as.v1i1p17.pdf by Prof Sinha)

We continuously improve and lab test our VC.

Our VC is enhanced through special formulation and feedstock after many trials and experiments to bring to you a superior quality vermicompost. (See independent Lab analyses on our website)

Bigger and Healthier plants

Our VC is an entirely organic, complete plant food. Our VC is retained in the soil whereas research has shown that the maximum absorption of chemical fertilizer is 11%. VC has naturally occuring plant growth hormones, Chitin and cellulose degraders to give you bigger and healthier plants.

Less Watering needed

VC gives structure to your soil so that it stores more oxygen and water (up to 17 litres more per square meter) meaning, less watering of plants is needed (up to 30% less). In a field with 100 earthworms per square yard, 2 inches of water (a very heavy rainfall) could be absorbed by the soil in 12 minutes. The same soil without earthworms took over 12 hours to absorb that much water. National Soil Tilth Lab (US).

Reduced Insect Attack

A Brix meter is used to read the health and nutritional content of a plant. Trials show that plants with a brix reading higher than 12 do not suffer insect attack. VC helps boost Brix readings well beyond 12. VC also contains the enzyme Chitinase which breaks down the exoskeleton of insects and therefore repels them. There are many, many more advantages to using VC in your garden. Go to our website and explore these advantages or contact me – Ismail on admin@vcpower.com.au or 0435-574-839.