

ZELP AND CARROTS TESTIMONIAL (May, 2014)

(Nigel Greenwood)

PLANTING

8 beds were given kelp and 8 were used as controls. The concentration of kelp applied was 1g of kelp/meter/double row (equivalent to 23Kg/ha or \$483 worth of product/ha). On a per seed basis it is approximately 1g kelp per 64 seeds.



Planting date: Mid-late September 2013
Harvest date: End of April/start of May 2014

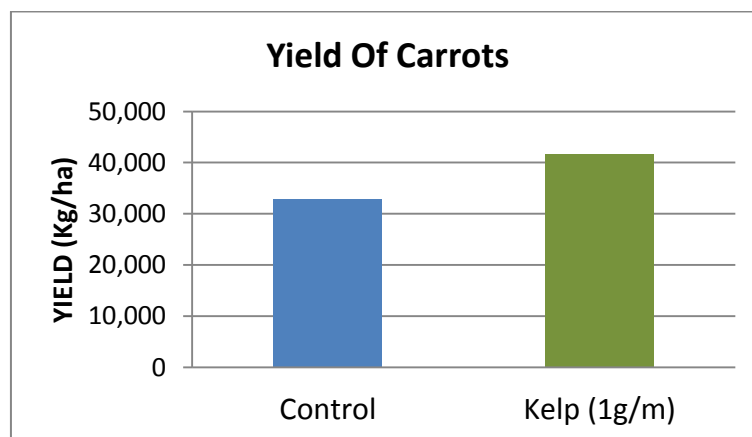
Carrot rows showing 4-5 beds (image above)

RESULTS

Total weight of *first grade* carrots to market:

Control	With kelp	Absolute Difference	Extra Revenue	% Difference
32,909Kg/ha	41,684Kg/ha	8775Kg/ha	\$7897/ha	26.7% more with Kelp

“After both groups were washed the carrots in the kelp treatment were more orange, more even in size and were more dense”



Probable explanations for the increase in productivity when Zelp is sown with seeds:

- **Zelp has extremely high antimicrobial properties** – Planted within the immediate vicinity of the seed, Zelp acts as a protective barrier to fight off harmful bacteria and fungi giving the plant a more resistant & resilient start.
- **Zelp is high in plant growth hormones** – Auxins, Cytokinins, Giberellins. These hormones help regulate cell mitosis (more, bigger, faster).
- **Zelp has a large number of bioavailable micronutrients** – These encourage plant growth and the growth of beneficial soil microbes, helping to establish crucial root symbioses
- **Zelp is high in complex polysaccharides (sugars)** – These help soil life and plant life

From an economic point of view, \$483 spent on kelp/ha resulted in \$7897/ha more revenue. $\$7897/483 = 16.35$ x return on kelp!