



## Household Kitchen Waste Recycling with Zing Bokashi

A most effective method of composting food waste is through anaerobic fermentation.

This process is done in an airtight environment using Bokashi Compost-Zing as an inoculant or compost starter. Zing Bokashi is a Japanese term, which means 'fermented organic matter'. This method results in the fermentation or 'pickling' of your food waste materials, as opposed to the decaying process that occurs in traditional composting. Compost Zing is a mixture of plant-based by-products, which have been fermented with a beneficial microbial culture, called EM, and then dried for storage. The material acts as a housing or medium for these micro-organisms to live. When added to your food waste using the Zing Bokashi Composting System, the Compost-Zing guides the decomposition of organic matter into a fermentation rather than a putrefactive pathway.

This unique method can produce nutrient rich compost in less half the time of conventional methods, without the unpleasantness associated with putrefaction. The system can easily be implemented in an indoor environment, making it practical for schools, households, restaurants and businesses to compost food waste.

When compared to traditional composting systems, you can produce an incredibly healthy soil in just 4-6 weeks compared to the 6-8 months that it can take using traditional composting processes.



### “Traditional Composting” verses “Zing Bokashi Composting”

#### Traditional Composting

- Aerobic process
- Putrefactive decomposition pathway
- Requires turning
- May produce unpleasant odours
- May attract flies and vermin
- Nutrients often insoluble and therefore not readily available for plant uptake.
- Loss of energy –up to 80% or original nutrient content loss through leaching and volatisation
- Requires large amounts to meet plant needs.
- Takes some months to complete
- No control on micro flora

#### Zing Bokashi Composting

- Anaerobic process
- Fermentation pathway
- Not labour intensive- no turning required
- No unpleasant odours
- Attracts beneficial insects
- Nutrients are readily available in soluble form for plant uptake
- Increase of energy-beneficial substances are produced and are retained in the compost
- Requires smaller amounts to meet plant needs
- Ready for use in approx 4 weeks
- Controlled inoculation of specific micro flora

“Better Compost in Half the Time”

for more information please visit our website [www.zingbokashi.co.nz](http://www.zingbokashi.co.nz)

