



# Indoor Aerated Windrow Composting

*Transform aerated windrows, Reotemp wireless probes, computer controlled aeration and biofilter control, fully enclosed and biofiltered building, and Supreme Enviroprocessor*



20,000 tonnes per year in a 6 week indoor composting process, followed by aerated outdoor curing

Four 160 ft long by 23 ft wide by 14 ft high aerated windrows in a 100 ft wide by 200 ft long enclosed building with biofilter.



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# Enclosed aerated windrow compost process

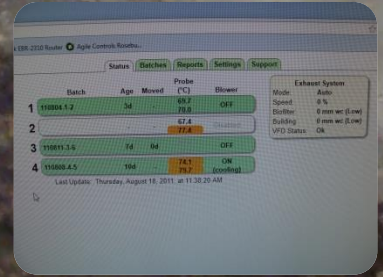
## Transform Aerated Windrows

A proven aerated windrow system using PVC piping embedded in the concrete floor for aeration and leachate control. Material is moved from one windrow to another inside the building during the six week composting process to ensure potential pathogen kill. A layer of finished compost on top of the composting windrows provides the first stage of odor control.



## Computerized Aeration Control

Each aerated windrow has one centrifugal blower providing air as required via time and temperature feedback. Reotemp wireless probes provide temperature data for the computerized aeration control and temperature logging. The batch processing capability tracks the compost through the entire process.



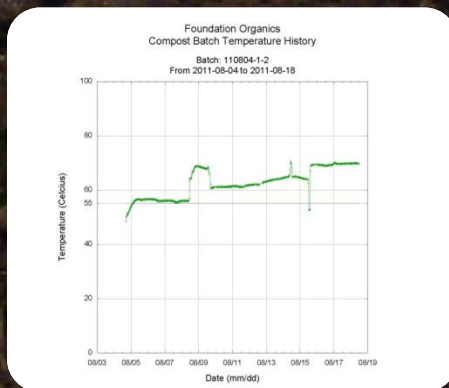
## Enclosed Building and Biofilter

The first 6 weeks of composting are inside an enclosed negatively ventilated building. All process air inside the building is drawn out using a stainless steel blower and passed through a biofilter bed of wood chips and compost. The control computer also controls biofilter performance and maintains a negative air inside the building.



## Success with first batch!

The first batch of foodwaste and yardwaste achieved temperatures required for pathogen kill almost immediately!



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