

### Green Earth Worm Farm Presentation



Organic Farming can be less expensive than conventional Farming with the use of Green Earth's Commercial Worm Farms. Please review this presentation as a guideline for information.



### Worm Farming



Organic Waste Recycling Solutions



Organic and Food Waste generates methane gas when placed in a landfill, Methane Gas is a Greenhouse Gas



Green Earth's Solution to prevent Methane Production



Effective Worm Farming for any scale



Homeowners model with vermiculture extraction tray, and liquid collection. This unit has a built in screen and can recycle homeowners food waste. Strong Castor wheels make it easy to push around the garden and use the vermicultings in flower beds.



Medium Scale without pump



This size worm farm is constructed around a geyser drip pan for extraction of liquid manure without a pump. The lid has a built in screen and can be used for schools or larger homes that don't have electricity supply.



### Medium Worm Farm with pond



This worm farm is excellent for schools. Below the worm farm is a pond with a pump that oxygenates the liquid manure. The liquid manure may be pumped into a garden or into water tanks.



### Medium Scale Worm Farm Cluster

Green Earth Concepts Recycles Organic Waste with Commercial Earth Worm Farm Operations - The final product is organic fertilizer and liquid manure (Vermi-tea)



### Large Scale Worm Farming for Production of Soil Conditioners and Liquid Manure for Agricultural Holdings



### Organic Recycling Kits to Support Worm Farming



### Results with Vermiculture



Left Side with Vermicastings

Right side no Vermicastings

### Liquid Manure from Worm Farms, supplied to Irrigation tanks



**Black Gold/Organic Fertilizer**



**Rainwater Harvesting mixed with Organic Liquid Manure = Sustainability**



**Apply liquid Manure through Irrigation System**



**Use Vermicastings to Grow Seedlings or Microgreens**



2 days to Germination with vermicasting!!!!!!!



**No Need to ever purchase Fertilizer or compost**



**Liquid Manure can be applied to any irrigation application**



Drip Irrigation in Tunnels at Schools



Overhead Irrigation for farms or gardens

### Example Project Site: Bronkhorstspuit, Gauteng



Commercial Worm Farm Operations for Organic Fertilizer Production

### Food Security, grown Organically



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