

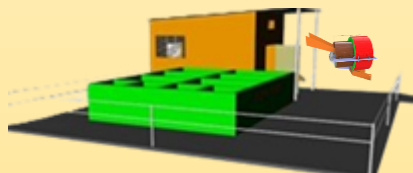
Accelerated Anaerobic Composting

AAC Technology developed by CSIR-IICT to recycle Organic waste quickly to Carbon rich Soil Conditioner

Implemented in 47 Market Yards to convert Wet Waste to enriched Soil Conditioners for agriculture needs with 300-500 Kg of waste everyday for a Landfill Free Bharat

Differences between different types of Composting

S No	Aerobic Composting	Vermi Composting	Anaerobic Composting
1	Oxygen Needed to disintegrate	Oxygen needed to keep worms live	Reduced Oxygen Environment
2	Rapid Rate of Degradation	Very slow and good for small quantities	Slow but reduced losses
3	Need Elevated Temperature	Do not work at warmer temperatures	Can Undergo slowly
4	Loss of C as CO ₂	Produces Magots and loss of CO ₂	Absorbs Carbon and Nitrogen
5	Emission of gases generating Oder	Emission of gases generating Oder	Closed environment no Oder
6	Attracts Insects and flies	Attracts Insects and flies	No Oder and Insects
7	Power Intensive	No power needed	No Power Needed
8	Expensive and Labor Intensive	Labor Intensive	Easy to maintain
9	Releases CO ₂ to atmosphere	Releases CO ₂ to atmosphere	Absorbs CO ₂ for Rich Conditioner
10	C/N Ratio Low	C/N Ratio Low	C/N Ratio High
11	Low in Minerals and Nutrients	Low in Minerals and Nutrients	Rich in Minerals & Nutrients



Ideal for all Bulk waste Generators like Gated Communities, parks, Offices etc to recycle the green waste to comply with New MSW norms

AAC Units to recycle your green waste

- With 6 RCC Pits of 2x1x1 Mt
- Double mode Crusher/ Pulverizer
- Chop the green waste using the crusher and fill it in first pit with dung liquid to waste in a ratio of 19:1
- Fill the Pit and close it: Repeat the same for all 6 Pits in around 30 days
- The First pit is composted, empty it and do solar drying till it becomes dry
- Use the Crusher in Pulverizing mode to powder it to use as Soil Conditioner
- Continue to convert all waste to useful Soil Conditioner
- Just need 300 Sq M to treat 300 Kg/day wet waste

Use the Carbon Rich Soil Conditioner to grow plants organically for a better health and clean environment

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