



# UI GreenMetric Questionnaire

University : Kamphaeng Phet Rajabhat University  
Country : Thailand  
Web Address : www.kpru.ac.th

### [3] Waste (WS)

#### [3.5] Organic Waste Treatment



Compost from leaves



Organic waste management

Type of waste	Amount (ton)		
	total	reduced	recycled
Organic (partial – 56%)	132.64 (wet weight)	-	7.43 (dried weight)

#### Description:

Kamphaeng Phet Rajabhat University manages organic waste such as food scraps from staff, leaves near buildings and roads, and water hyacinth, duckweed, and fern from the volunteer activities for water source development at the university. The organic waste is composed and used for kitchen garden, sufficient kitchen and is sold to staff, students and outsiders.

A simple composting method is by adding natural air through by piling the compost on the ground and placing it in a pit. Using hoe or shovel turns the compost pile. The compost must be turned approximately every two weeks so that the material at the bottom comes to the top, allowing for good and even aeration throughout the pile. This process accelerates decomposition and prevents anaerobic fermentation, which often causes unpleasant odors. Team staff could collect 132.64 tons of organic waste (wet weight), were composed and produced 7.43 tons of fertilizer which is 5.60 percents of organic waste.