

Name Recycling center pakkret city Municipal

Location Pakkret Nonthaburi

The recycling center is located at Pakkret in Nonthaburi, which is 1 hour away from Bangkok, towards the North. The center was established in 2004. and has used EM for 3 years. They distribute garbage cans to more than 270 members that live around the center, and receive 150kg of garbage from the households per day.

On receipt, the garbage is separated into plastic and organic wastes, which are generally, refuse from kitchens. The organic waste is mixed with EM Bokashi at a rate of 1:4 and the mixture is fermented for 7days under anaerobic conditions. They also collect the juice from garbage cans after removing the solid waste.

The center places the solid wastes in rotary bins to remove excess moisture and mix it with EM, rice husk, rice bran, molasses ad water to make EM bokasi. The rate is as follows.

Solid waste	50kg	EM	1L
Rice husk	40kg	Molasses	1L
Rice bran	40kg	Water	60L

The benefits are noticed rapidly due to the disappearance of the foul odors and a significant reduction in the numbers of flies and other insects. Thus the neighbors do not complain of smells and insect pest problems. The benefits accrued are the production of useful compost (bokashi), which is sold, and also compost starter mixtures.

The income generated amounts to US Dollars 1400 per annum and the profits are used for maintenance, development for festive occasions.

The product offered for sale are as follows.

EM compost	5 Barts/ 1kg
EM ball	5 Barts/1kg
Juice	10 Barts/1L

Date 26th January 2009



Municipal staff.



EM related materials.



EM bokashi fermentation.



All Kitchen garbage comes from the house holds with a membership of over 270.



Rotary bin to remove excess moisture.



The environment of the recycling center.