



D.O.No. PSR(4) 6931/ 2012-13

29th September, 2012

Dear Sir,

You are aware that last month we had to face waste management crisis of garbage disposal, primarily due to closing of all our sites by nearby villagers. With the intervention of Hon'ble CM, Mandur Villagers agreed to permit BBMP to dispose off garbage till 30.09.2012.

This was a temporary measure and only long term solution is segregation of garbage, which enables us to compost/methanise the wet waste, producing valuable fertilizer and biogas and the dry waste can be straight away sold to recyclers, thus leaving only 10% of garbage in the form of inerts to be sent to waste management sites. To achieve this objective of segregation, we are in the process of formulating a strategy in consultation with authorities, experts and all stake holders.

For ensuring proper handling of Garbage, Hon'ble High Court has already issued two interim orders [copies enclosed as Annexure-I] which emphasize segregation.

Accordingly, I have issued two public notices dated 15.09.2012 and 20.09.2012 [copies enclosed as Annexure-II], defining wet, dry and other wastes, making segregation compulsory and outlining various 'Dos' and 'DONTs' by general public as well as bulk generators.

The BBMP Notification on segregation of different wastes is intended to revive, around Bangalore, India's traditional recycling of plant nutrients from urban wastes to farmland. To do this, we wish to provide farmers at their doorstep with pure biodegradable food, fruit and flower wastes to help tide over their current massive shortfall of organic manures.

We submitted a proposal to deliver to the farmer gate, one ton of clean compostable waste per acre per day to farmers willing to participate in this experiment and accept this quantity daily for one year. It was based on the following assumptions:

One ton of waste in a 2 meter high compost pile will occupy a footprint of one square meter. A conservative composting cycle will take 60 days, requiring 60 square meters of land for 60 tons, on different parts of the field, before the first spot is re-used. Unloading and turning space may require an equal area, giving a combined total of 120 sq m. One acre contains 4048 sq meters. So the one-time composting cum working area per ton will occupy just 3% of a participating farmer's land. If he accepts six such 60-day cycles of compostable waste in 365 days on different parts of the field, that will benefit totally 18% of cultivable land. It is common knowledge that corn and other crops grow greener and taller on the spots where compost has been unloaded before spreading. So rotational placement of compost heaps will enrich the soil wherever they are unloaded, minimizing use of costly alternate fertilizers.



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Accordingly, KSPCB has accorded us permission to try this back-to-tradition experiment for one year for farms in the Bangalore region and allow the BBMP to supply twenty tons of pure wet waste per Acre per annum as farm inputs to willing volunteer farmers.

The orders of the KSPCB are enclosed herewith. It will pioneer a national revolution in the useful recycling of nutrients as never before. I request you to publicise this initiative of BBMP amongst all the members of your Organic Farming Mission to make use of this wonderful opportunity for re invigorating their lands with organic manure.

The highlights of this initiative are as following:

4. The farmers will give us copy of their records of Rights and consent letter to receive upto 20 tons of organic waste annum per acre of land.
5. BBMP will deliver this organic waste in a phased manner at the farmers site.
6. BBMP will pay Rs.66 per ton to farmer for compost turning and sieving charges.

The farmers will be free to use this manure for their lands.

We look forward to a win-win situation in this partnership where we dispose off our wet waste in an environment friendly manner and farmers get composting material at their door step.

with kind regards,

Yours sincerely,

(Rajneesh Goel)

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