

Greenolution *Digest*

Greenolution e-Newsletter, August 2019

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**GREEN
QUIZ**

Quiz

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COVER STORY



CGPL's 'Go Organic' movement!

Team CGPL- CSR in association with Parjanya Ecology (an prominent agency for natural resource management) has established a vermicompost Production cum Training Centre inside the Tunda Gaushala for production of high value compost. This has been promoted for increasing the organic manure usage in the area, generate the additional income for the livestock owners of the region, replication and adoption of this activity by the fellow farmers. Presently, this unit has been established inside the Community-CGPL's promoted gaushala where animals are usually present in the Gaushala throughout the day., hence there is an availability of raw materials.

Presently the sale of cow dung from this gaushala is in the form of raw compost which fetches a very small amount after sale. This compost is made with the raw cow dung and more effectively with the help of earthworms.



Under this project 34 Meter long (divided in 7 Partitions) vermi beds have been prepared, having total Production capacity of 1.5 MT under the able guidance of agriculture expert.

During the initiation of this specific activity , fresh cow dung was collected from the gaushala and mixed with dry leaves of horticulture plantation collected from nearby farmers and same were filled in the 34 meter * 1 meter * 030 meter in the structure available inside the gaushala premises.

Regular watering and turning of the compost beds was carried out at regular interval and after 25 days i.e. after proper cooling of the compost bed, 25 Kg of earthworms were introduced in the bed to start compost activity.

All beds were covered by wet gunny bags to maintain proper moisture. To increase the population of the earthworms spraying of a liquid mixture of jugglery and cowpea flour has been carried out very periodically which provides food to earthworms.

Different IEC Materials have been prepared for mass awareness for easy understanding of the vermicompost preparation practices by the community

To increase the awareness further among the SHG members, exposure and field training of 10 SHG group was organised and materials (vermicompost preparation kit) for establishment of vermicompost unit have been given to each groups for establishing vermicompost unit at SHG level.

The total 850 kg of vermicompost has been produced from the first production cycle and used in the agriculture development program of CGPL- CSR which promotes the cultivation of special variety of fodder named NB-21 and CO-3.

The earthworm is also given to SHG members to replicate the same practices in their courtyard.

The present practices which have been initiated is continuing to give more thrust on promotion of organic farming (chemical free farming) in the region.

Under this project 34 meter long (divided in 7 Partitions) vermi beds have been prepared, having total production capacity of 1.5 MT under the able guidance of agriculture expert.

Direct Beneficiaries: 10 Women SHGs

% of (SC/ST) beneficiaries: 45 % of total beneficiary

This is way forward to minimize the usage of Chemicals in agriculture and convert the entire practices into organic farming.





Mr. Jitendrakumar Patel - CGPL

I have done plantation around my house in the township. I have planted 8 Mango tress, 9 Papayas, 2 Pomegranates, 1 white mulberry, 1 Jamun, 1 Sugar Apple, 4 Common Fig, 1 Guava, 4 Neem Trees, 1 Ashoka, 1 Malabar Neem, 1 Saptaparni (Alstonia scholaris), 1 Eucalyptus, 1 Curry Tree and many Flowers. I always give them organic Fertilizer. Me and my wife collect the waste of our kitchen and dump it at various location around the plantation which will be converted into good fertilizer. I am collecting Condensed water from ACs at different location and pour it to these plants which gives me best result. We also collect used tea and use it as fertilizer. This year we have collected leaves which have fallen in the spring season and made a bed around plantation which will eliminate evaporation loss and maintain the temperature of soil on lower side during summer.

Mr. Abdul Salam - Carnac

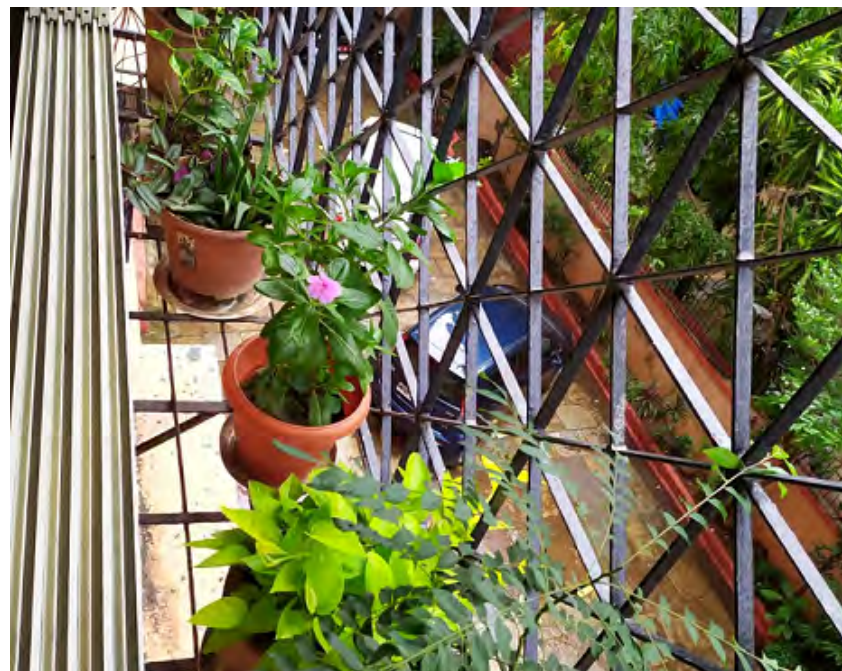
We are moving towards a ZERO GARBAGE HOME. Almost all our kitchen waste goes in to our "garden". We make compost from this waste, and the intermediate stage of 'compost wash' is a very healthy ingredient for enriching the soil. We have maintained pots in the balcony and window grills. We are growing fruits and vegetables. And a few ornamental and medicinal plants. Our collection includes figs, lemon, brinjal, tulsi, insulin plant, curry leaves, neem, etc.



Kifayatullah Mohammed



Gautam Karelia



Team Saki have planted papaya and mango trees in the garden and used inhouse prepared compost for them. They have developed Rose and Tulasi garden using organic compost

Team members - Mr. Y P Sawant, Mr. B K Jena, Mr. R M Ingle, Mr. V N Gurav, Mr. Mohammed Kifayatullah, Mr. Prakash Naik, Mr. P C Budhe, Mr. Pradeep Sawant and Mr. M D Dias



GREEN QUIZ

Quiz

1 The main cause of wildfire is _____

- A. Volcanic activity
- B. Lightening
- C. Pollution
- D. Human activity

3 The 'thickness' of Stratospheric Ozone layer is measured in?

- A. Donson Units
- B. Candella
- C. Melson Units
- D. Sieverts

2 Which among the following country is considered to have the world's first sustainable bio-fuels economy?

- A. India
- B. Brazil
- C. Australia
- D. South Africa

4 Identify the bird



Send in your answers to
greenolution@tatapower.com



Winner of Greenolution Quiz -
July 2019 -

- 1. Pragnesh Satapara - CGPL
- 2. Mithlesh Singh - PSCC Grid Operations

