



Tamil Nadu Agricultural University

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To
The Editor,

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Sir,

I request that the following matter may kindly be published in your esteemed daily:

TNAU establishes ‘Oxygen Park’ with Beema Bamboo

Beema Bamboo is one of the fastest growing plants on earth, which grows one and half feet a day under tropical condition. It will act as a best carbon sink for CO₂ emission of the Coimbatore which is one of the major greenhouse gases which can be effectively and quickly brought down by the trees that are grow fast by absorbing CO₂.

With this background, Establishment of Oxygen Park with Beema Bamboo was held on 30th November, 2019 at the Department of Agronomy, Tamil Nadu Agricultural University, Coimbatore. Dr.S.Balaji, I.F.S., Former Principal Chief Conservator of Forest, Government of Tamil Nadu inaugurated the Oxygen Park and planted the first Beema Bamboo seedling in the presence of Dr.N.Kumar, Vice Chancellor, TNAU, Coimbatore. The bamboo seedlings were planted by Dr.Alain Boutet, Executive Director, International Development Studies, Dalhousie University, Canada, 70 Nos participants of Dalhousie University and TNAU Joint Interactive training, All the University Officers, Professor and Heads, UG, PG students participated and planted the seedlings.

This park is the first of its kind in Coimbatore District, wherein 590 Beema Bamboo seedlings are planted at Eastern Block farm of Tamil Nadu Agricultural University covering an area of 1.45 acres. Proper silvicultural procedures such as addition of plant growth promoting bacteria, vermicompost, Farm Yard Manure (FYM) and bio control agents were followed while preparing the pits for planting.

Every Bamboo tree when it is fully grown to its best growth generates over 300 kg of oxygen every year and it is just sufficient for one person for a whole year. Further, it has capacity to absorbs 80 tonnes of carbon di oxide per acre every year. One matured Beema bamboo after four years it sequesters (absorb) more than 400 Kgs. of Carbon dioxide annually

from the surrounding areas. This special bamboo clone developed by conventional breeding method and not involving Genetically Modified Organism (GMO).

The arrangements of this programme were made by Dr.V.Geethalakshmi, Director, Crop Management, Professor and Head, Department of Agronomy and Team, Staff and Students of Department of Agronomy, TNAU, Coimbatore.

Public Relations Officer