



Madurai Kamaraj University
(University With Potential for Excellence)

Dr. Kailash Paliwal
Sr. Professor, Professor Emeritus (UGC-NRCBS)

SBS/PS/KP/

Date 19.05.2009

To

Energy Plantations Projects India Pvt. Ltd.

Eppi Bungalow, 6/21, Aladiyan Koil St.,

Nattarasankottai, Sivagangai Dist.,

Tamil Nadu – 623 556

Letter of Appreciation and Justification

1. It is a great pleasure for me to write the justification of your establishment of energy plantations . During my visit , I have witnessed your excellence and tremendous work in development of Energy Plantations of 9 fast growing fire wood species like *Melia dubia*, *Gmelina arborea*, *Albizia lebbek*, *Albizia procera*, *Acacia auriculaeformis*, *Dalbergia sissoo*, *Casia siamea* , *Leucena leucacephala*, *Ailanthus excelsa* and *Hardwickia binata* in 300 acres of land under irrigated condition at Oyyavandhan village , Sivagangai Dist.
2. I have been working on energy plantation using multipurpose tree species and I have developed Biomass Research Center at Madurai Kamaraj University, Madurai. Among the multipurpose tree species that have been studied, the above mentioned species proved to be the best in terms of:
 - Fast Growth rate & more woody biomass yield under irrigated condition
 - Fuel properties
 - Coppicing nature
 - Environmentally sustainable

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3. I felt it is noteworthy to mention that we have documented that at the three years old *Melia dubia* attained a height of 15 meter and uniform diameter at the basal and breast level of 20-25cm and 16cm at the trunk level. So, for energy purpose the farmers can get average weight of 150 kg per tree at the end of 3rd year under good agronomical practice.

We highly recommend that these 'Energy plantations' are commercially and economically viable because of its proven effectiveness.

With regards,

Yours sincerely,

For

(KAILASH PALIWAL)

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