

**Site Inspection notes of Compensatory Afforestation area in
Compt. No. 75 of Kamalapuram Block-III, Kamalapuram Beat of
Proddatur Range of Proddatur (WL) Division**

Inspected the area on 03/08/2017 proposed for raising of 5.42 ha compensatory afforestation plantation in Degraded Forest Area of Compt. No. 75, Kamalapuram Reserve Forest Block – III, Kamalapuram Beat of Proddatur Range in lieu of 2.55 ha RF area proposed for diversion for Upgradation of NH-67 from Mydukur – Dornala “T” Junction to two lane with paved shoulders in Compt. No. 322 and 323 of Ramapuram and Valleruvaripalli Beats of Badvel Range of Proddatur (WL) Division. The Kamalapuram Block – III of Proddatur Range is notified as reserved forest under section 16 of Madras Forest Act V of 1882 vide notification No. 206 Dt. 19-07-1992.

The proposed area is with sandy soils. The depth of the soil is about 1.00 mt.

The compensatory afforestation area falls under Southern Tropical Dry Deciduous Forests and sub type is Dry Mixed Deciduous Forests with density varying 0.1 to 0.3 with the following species.

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| 1) Dalbergia sisoo, | 2) Zyzyphus xylopyrus, |
| 3) Cassia auriculata | 4) Cymbopogan coloratus. |
| 5) Eucalyptus | 6) Cassurina |

Method of Treatment

The treatment proposed for raising compensatory afforestation area is under Semi Mechanical Method of Plantation depending upon the type of soil, density of vegetation. Tall plants of size 8”x 12” are proposed for planting in 0.60 mt cube pits to facilitate quick establishment and growth. For loosening the top soil and to facilitate water absorption and good growth ploughing is preferred. Provision for 100% imported soil is made to make up the sandy loamy soil.

Soil & Moisture Conservation works are to be taken up mainly formation of farm ponds, vegetative bunds etc., in the proposed compensatory afforestation area. Fencing is proposed for protection from the biotic interference.

NEQWO
4/19/2017

Divisional Forest Officer
Proddatur (WL) Division

The proposed area is with sandy soils. The depth of the soil is about 1/2 m.

The compensatory afforestation area falls under Sub-class Tropical Dry Deciduous Forests and sub type is Dry Mixed Deciduous Forests with density varying 0.1 to 0.3 with the following species:

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| 1) <i>Calophyllum</i> | 2) <i>Zizyphus</i> |
| 3) <i>Cesna</i> | 4) <i>Cymbopogon</i> |
| 5) <i>Eucalyptus</i> | 6) <i>Desmodium</i> |

Method of Treatment

The treatment proposed for raising compensatory afforestation area is under Semi-Mechanical Method of Plantation depending upon the type of soil, density of vegetation. Tall plants of 10' x 12' are proposed for planting in 9' x 9' pits to facilitate quick establishment and growth. For loosening the top soil and to facilitate water absorption and good growth ploughing is preferred. Provision for 100% in fertile soil is made to maintain the area.