Title	:	Evaluation of superior phenotypes of Neem (Azadirachta indica A. Juss.) for agroforestry systems)
Principal Investigator	:	Dr. C. Buvaneswaran
Co-Investigator	:	Dr. A. C. Surya Prabha
Duration	:	4 Years (2017 to 2021)
Objectives	:	1. To evaluate growth performance of selected clones/seed sources of neem under agroforestry system 2. To study intra-specific variation in tree-crop interactions under neem based agroforestry system
Progress		The present project is to establish wide row alley cropping agroforestry system using the selected 'seed sources' and CPTs of Neem and through this the project envisages evaluation on performance of these selected superior planting stocks under agroforestry system as well as to develop suitable package of practices for Neem based Clonal Agroforestry system. This project has been started during October 2017. Under this project,, Selected 25 Candidate Plus Trees from Western Zone of Tamil Nadu and seeds were collected from these tress. Raised seedlings for establishment of field trials and evaluation of progenies of selected CPTs. Out of 25 CPTs selected, 10 CPTs were identified for better germination and early growth at nursery stage. Progenies of these 10 CPTs have been planted in three trial plots for further observations. Cuttings have also been collected from these 10 CPTs for establishing clonal trials. Clonal trial with cuttings and grafts of 10 CPTs have been established in multi-locations. Measurements on height, collar diameter and branch traits recorded in all field trials established. Second year and third year growth data recorded in the field trials established.
Funding Agency		National Medicinal Plants Board, GoI