ABSTRACT

*Aquilaria malaccensis* (agar) is a highly valuable non-timber, essential oil yielding plant of wild origin. The heartwood is a resinous wood used in incense, perfumes. Agar is used for making agarbatti-sticks. It is also of medicinal value. Large-scale deforestation and excessive harvesting led to the reduction of this species in forests & made it a threatened species. Considering its conservation and economic benefit, seedling nursery is being prepared in the local area Dargakona and seedlings are distributed every year among the local inhabitants. This study was conducted to monitor the seedlings including observation on their survival and growth. During the ongoing study the survival was found nearly 70% which can be considered as impressive. The microclimatic conditions and soil are also found suitable for growth of *Aquilaria malaccensis* seedlings. Homegardens can serve the purpose of conserving the threatened plant species of wild origin managed by the rural people dwelling nearby the forest areas. To conserve the species, concern has been given on domestication of the seedlings in the homegardens of the local people. This domestication would be significant in terms of environmental conservation of this threatened species outside its original habitat and also there are potential opportunities that would arise in future, improving the livelihood of the poor people of the region by providing them an income generating means. This study is based on purely original work on field observation and laboratory analysis & contain suggestion regarding survival of the seedlings as well as further research.