

TROPICAL PINES OF ODISHA

Report Card 2016



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INTRODUCTION

To meet the demand of pulp wood & fuel wood in Odisha field trials of 25 nos. of tropical pines were conducted since 1958, in high altitude degraded forest areas of Koraput and Kandhamal districts. The growth performance of each species was recorded over the years and was analysed. It has been observed through comparative analysis that, the following have proved to be suitable for the state of Odisha.

1. *Pinus caribaea*
2. *Pinus oocarpa*
3. *Pinus kesiya*.

1) *Pinus caribaea*: - The *pinus caribaea* is a hard pine, native to Central America, Cuba, the Bahamas and the Turks and Caicos Islands. It inhabits tropical and subtropical coniferous forests, which include both lowland savannas and montane forests. Wildfire plays a major role limiting the range of this species. But it has been reported that this tree regenerates quickly and aggressively, replacing latifoliate trees. The succession continues and a tropical forest thrives in zones not subject to periodic fires. It has been widely cultivated outside its natural range. While the species as a whole is not threatened, the typical variety of Cuba has markedly declined due to deforestation and is now considered a vulnerable species by the IUCN. Population in Bahamas and Turks & Caicos Island would be particularly vulnerable in a global warming scenario due to the increase in sea level and consequent reduction in the emerged land area.



***P. caribaea*, 1975 - Kalinga**
Date of Photograph - 07.02.2015

