



**KENYA FORESTRY RESEARCH INSTITUTE
KITUI REGIONAL RESEARCH CENTRE**

REPORT ON *EUCALYPTUS CAMALDULENSIS* SEED STANDS IN KITUI



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KEFRI Kitui

The National Tree Seed Centre at Muguga is mandated to collect, test, store and distribute high quality germplasm for the benefit of all stakeholders in the country and beyond. Tree seed production sources and sites remain important function towards the achievement of the above objective of NTSC.

Two seed stands were established in Kitui at the end of 2010 as shown on table1 below.

Title/plot	Species	Area (ha)	No. of seedlings	Remarks
	<i>Eucalyptus camaldulensis</i>	1 Ha	360	4m x4m espacement
		1 Ha		

Table 1: Eucalyptus seed stand establishment at Tiva- Kitui 2010

2. *Eucalyptus camaldulensis* seed stand

The site consists of moderately drained sandy soils and a gentle southwards slope. The area is approximately 1 ha. There were only 360 seedlings available for planting.

Activities undertaken before and during stand establishment included bush clearing, tractor ploughing, staking and planting. The site was among the last to be established.



Photo 1, 2 and 3: Staking during establishment, one of the surviving plants. Termite infestation

Current status

The plants failed to firmly establish at the site due to limited soil moisture leading to susceptibility to termite attacks within three months after planting. Survival is therefore low and replanting should be considered.

Species	Area (ha)	No. of seedlings	Remarks
Acacia mangium	1	300	in term establishment
	1		

Table 1: Termite seed stand establishment in Term-01/2010

2. Acacia mangium establishment seed stand

The site consists of moderately drained sandy soils and a gentle southwards slope. The area is approximately 1 ha. There were only 300 seedlings available for planting.

Activities undertaken before and during stand establishment included bush clearing, motor ploughing, staking and planting. The site was among the last to be established.

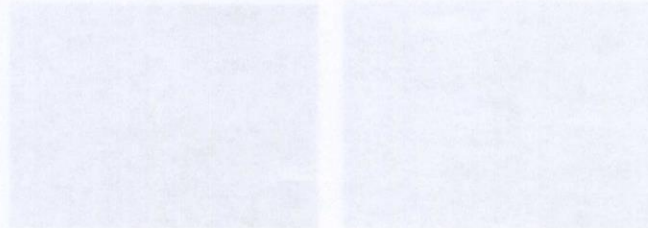


Photo 1: Seed stand during establishment, one of the surviving plants. Termite establishment