



**HANDLING SEED OF *PTEROCARPUS ANGOLENSIS*  
(MNINGA)**

Seed Issue Note No. (7) 1995

**Temporary storage**

Seeds can be stored for several years at room temperature without significant loss of viability, if they are maintained in the sealed polyethylene bag. However, it is recommended to sow the seeds within one year of receipt.

**Treatment before sowing**

Seeds should be soaked in cold water for 6 hours. Treated seeds should be sown immediately. Untreated seeds will also germinate but the germination process takes long time.

**Sowing**

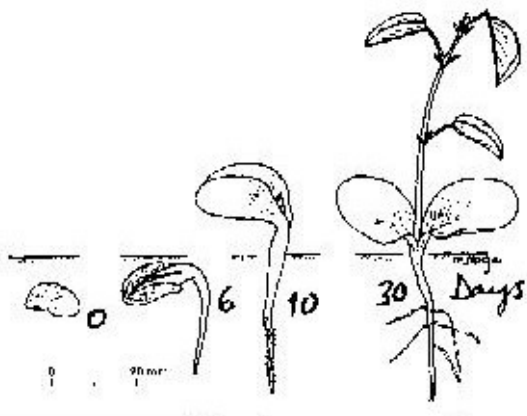
A space about 1.5 cm should be left between the seeds. This will give a sowing density of 4,500 seeds per m<sup>2</sup> of seed bed corresponding to approx 0.5 kg of seed per m<sup>2</sup> of seed bed. Seeds should be covered with 0.5 cm of sand.

**Germination**

At the 4<sup>th</sup> day after sowing the roots comes out and germination is finalised in 21 days.

One kg of seeds contains 5,700 seeds and may produce 4,000 seedlings under ideal conditions. But in many cases only 2,500 seedlings per kg of seeds will be obtained. Transplanting into pots can take place when the seedling has appearance shown in day 10 in the drawing.

The species fixes nitrogen and has also got mycorrhiza association.



Stages in the Germination of *Pterocarpus angolensis* seed

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