



HANDLING SEED OF *ALBIZIA GUMMIFERA* (PEACOCK FLOWER)

Seed Issue Note No. (41) 1996

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

Pour boiling water over the seed (Volume of seed water should be 1:5) Stirr to facilitate soaking until the water-cools. Seeds not swollen should be separated and treated again. Treated seeds should be sown immediately.

Alternatively, seeds can be nipped at the end opposite the scar by a nail cutter.

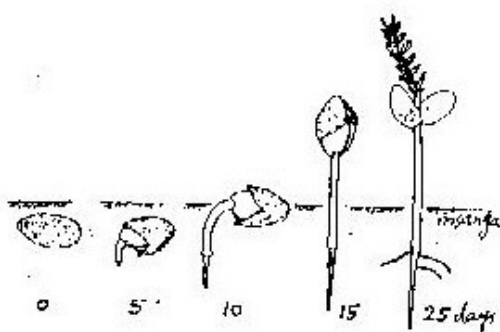
Sowing

A space about 1.5 cm should be left between the seeds. This will give a sowing density of 4,500 seeds per m² of seedbed corresponding to approx 0.5 kg of seed per m² of seedbed. Seeds should be covered with 0.5 cm of sand.

Germination

At the 5th day after sowing the root comes out (See drawing). The germination reaches 40% after 15 days and 75% after 25 days.

One kg contains 10,000 seeds and may produce 7,000 seedlings under ideal conditions. But in many cases only 3,500 seedlings per kg will be obtained. Transplanting into pots can take place when the seedling has appearance shown at day 15 in the drawing.



Germination stages in seed of *Albizia gummifera* seed

Tanzania Tree Seed Agency
S.L.P. 373, Morogoro – Tanzania

Tel: 023 260 3192/3903

Fax: 023 260 3275

E-mail: ttsa@morogoro.net