

TECHNICAL SHEET

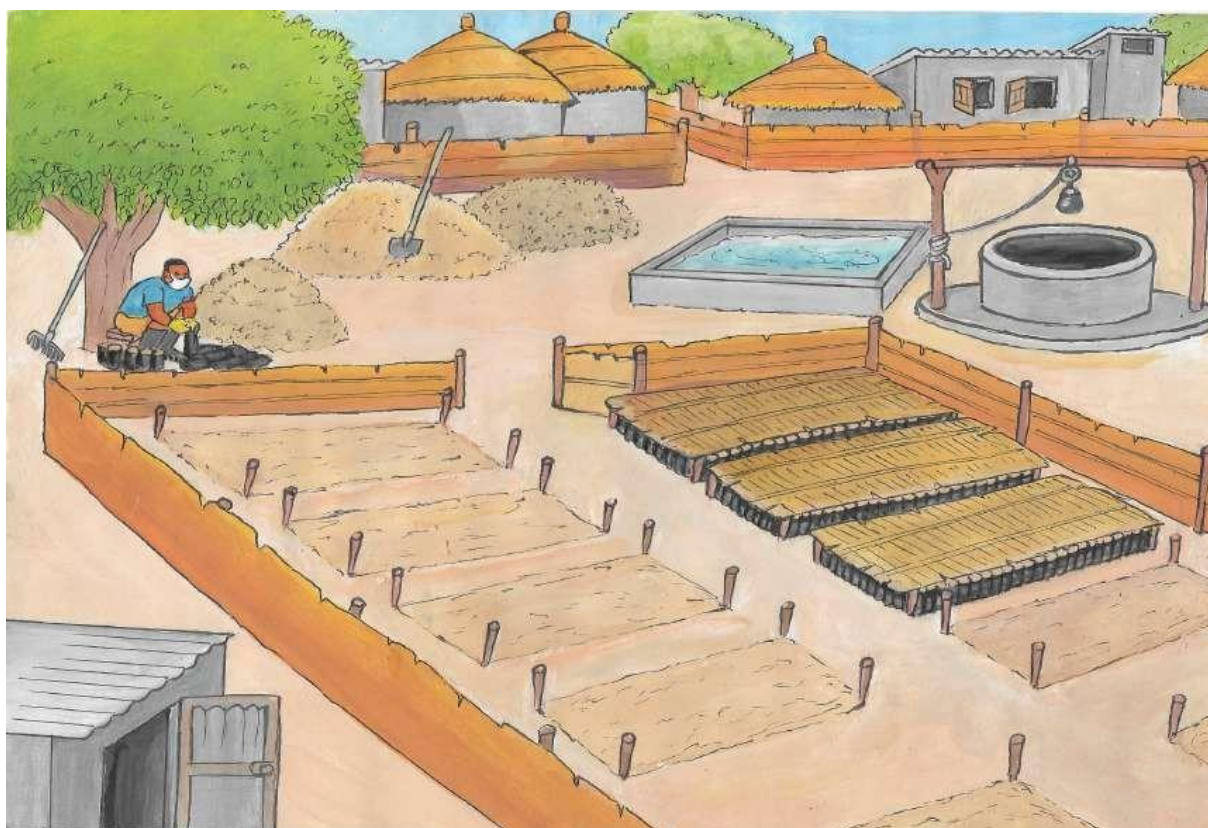
PRACTICAL GUIDE TO RUNNING A CASHEW NUT NURSERY IN SENEGAL

Cashew nut nursery project

The improvement of cashew nut production is a challenge to be taken up for an efficient production system. In this context, CORAF financed and launched in 2015 the project "Capacity Development of Cashew Value Chain Actors in West-Africa". The objective of this project is to improve the production and productivity of cashew plantations. The project's strategy focuses on improving planting material and plantation management techniques, as well as strengthening producers' capacities. This guide is therefore a compilation and capitalization work for the good management of a cashew tree nursery.

Technical for good cashew nursery management

- Choice of the site



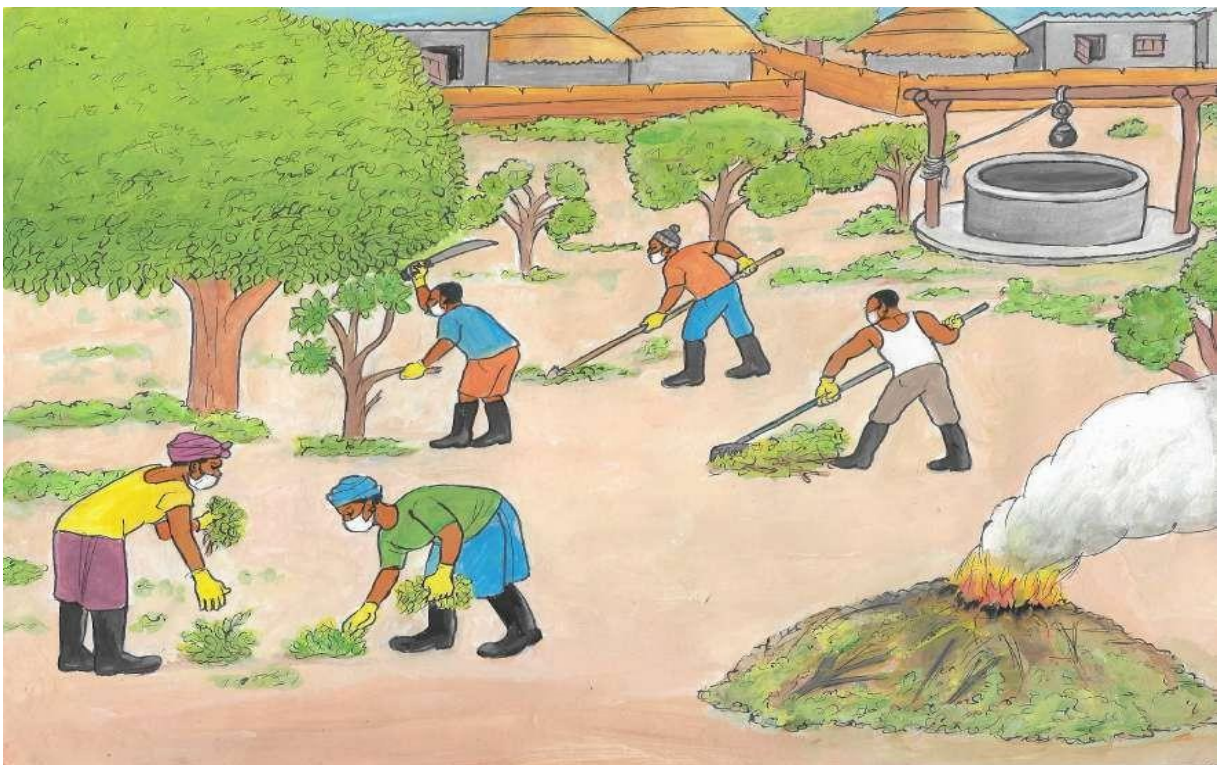
Picture 1: Characteristics of a good cashew nursery site

- Nursery equipment

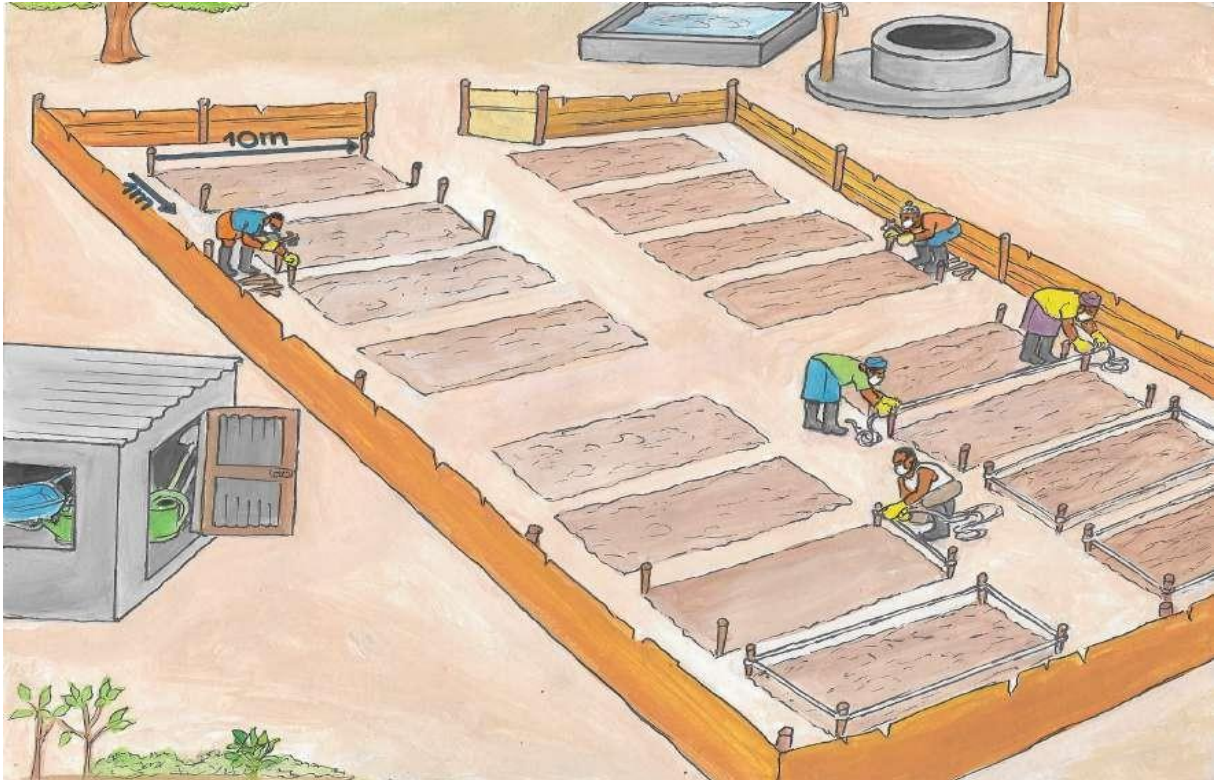


Picture 2: Nursery materials

- Layout of the plot



Picture 3a: plot layout



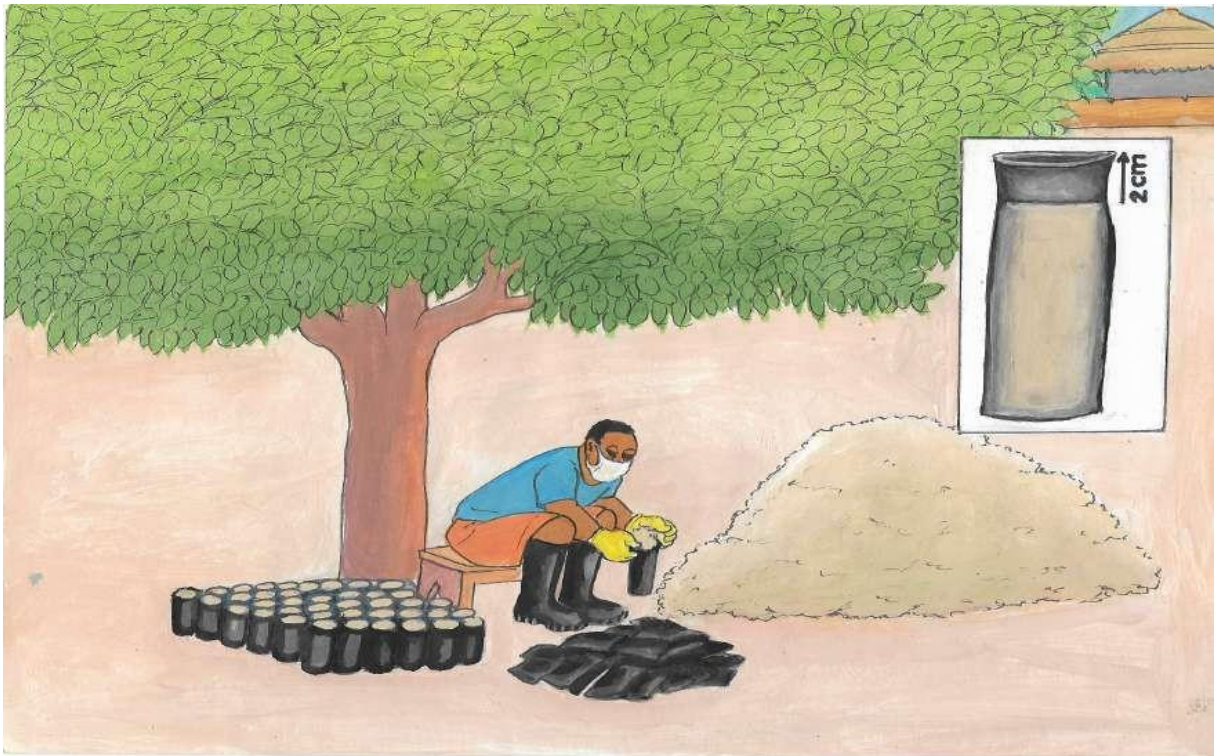
Picture 3b: plot layout

- Preparation of the substrate



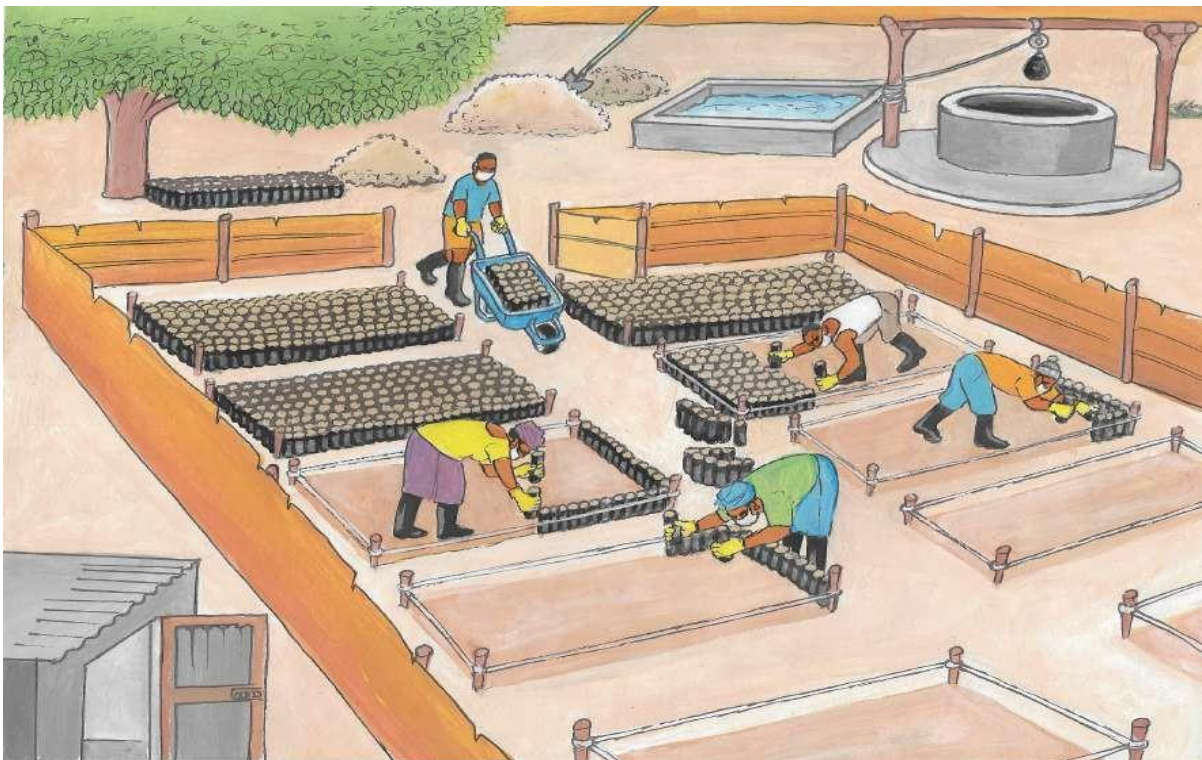
Picture 4: preparation of the substrate

- Potting of the sheath



Picture 5: repotting of the sheaths

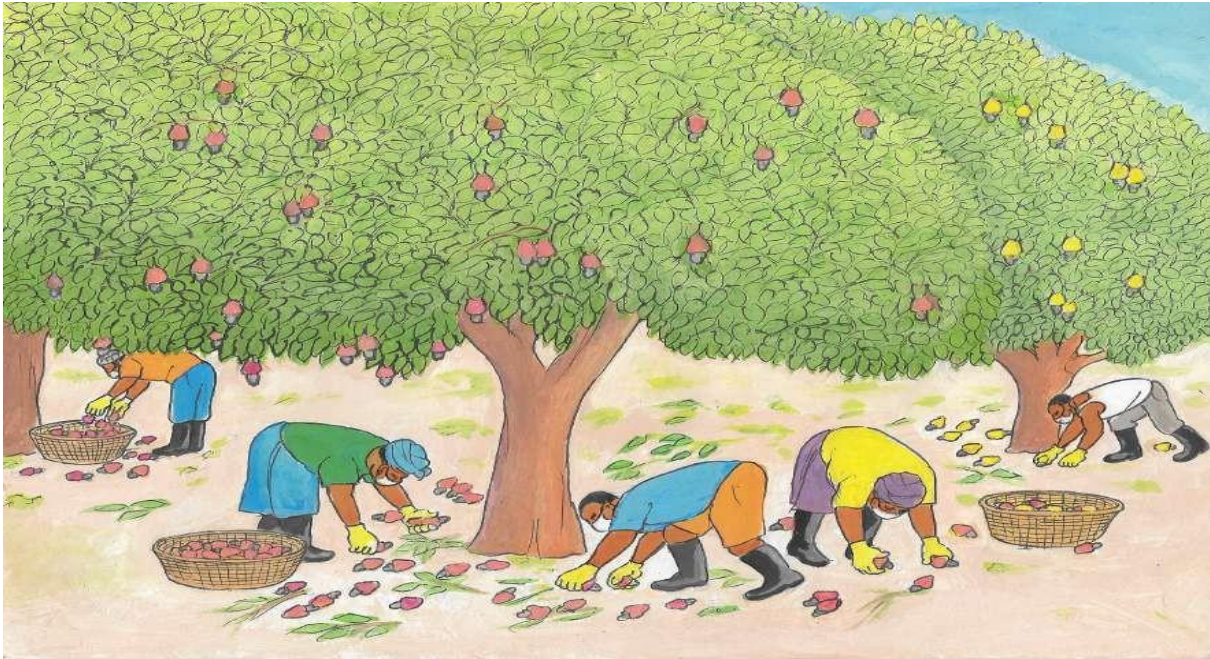
- lashing of sheath



Picture 6: securing sheath

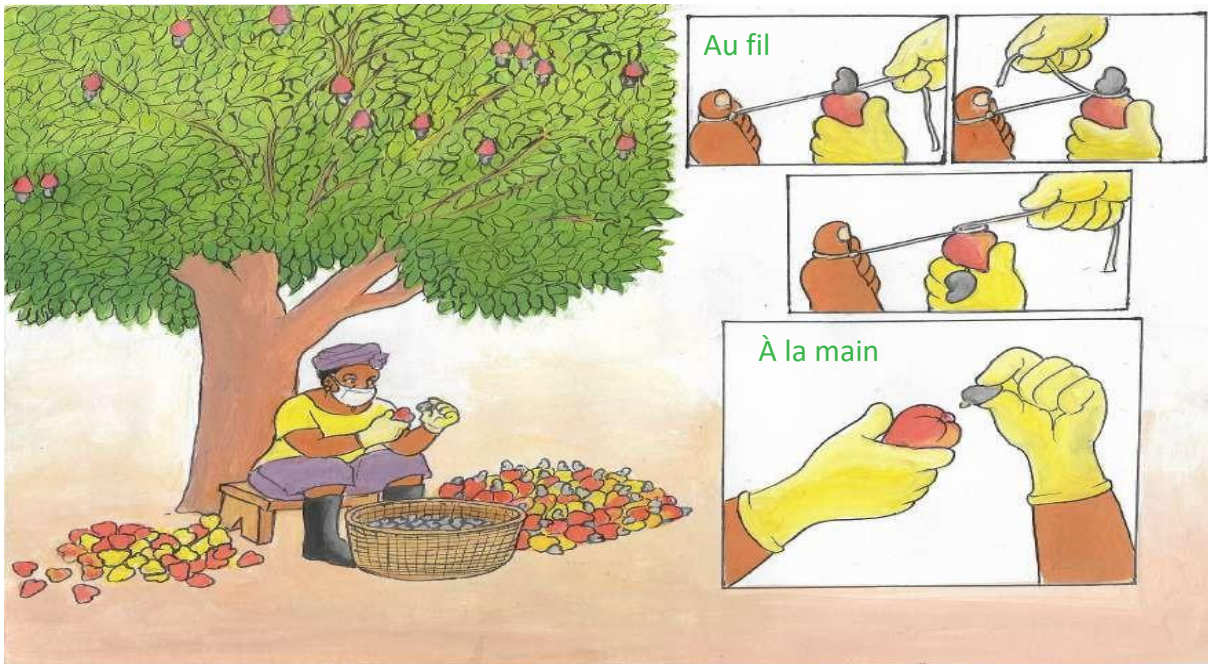
- **Harvesting nuts**

Choose a healthy tree with a good yield and collect the nuts from the ground, not from the tree.



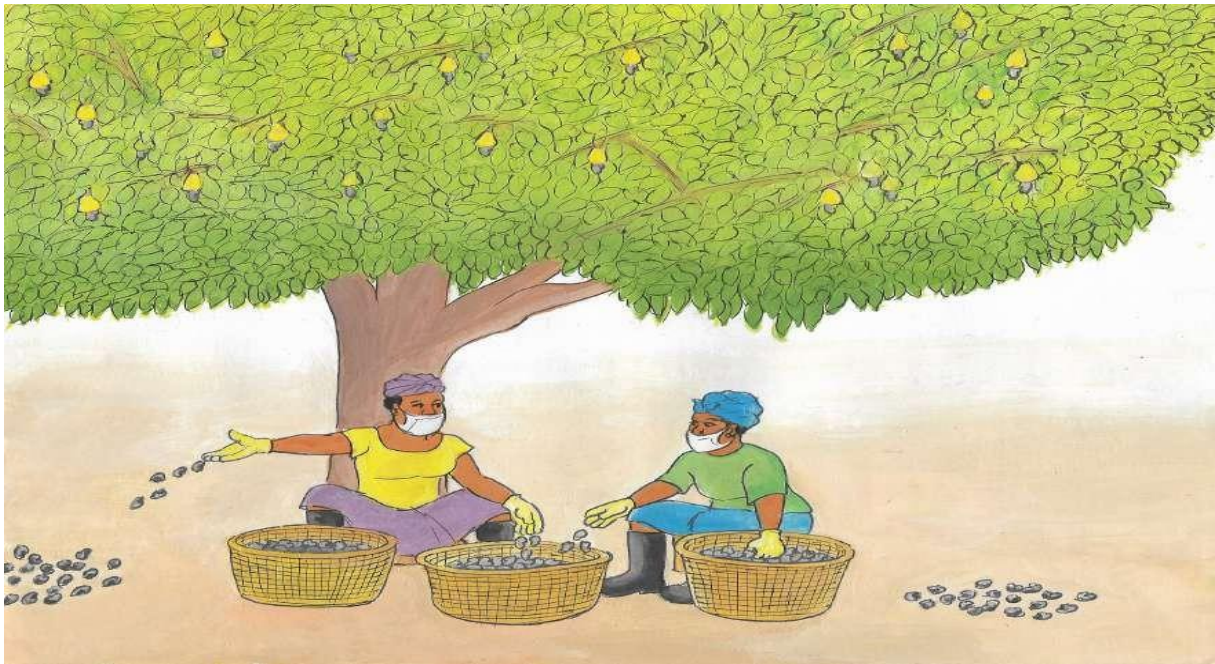
Picture 7: choice of seed company

- **Separation of the nut from the apple**



Picture 8: separation of the nut from the apple

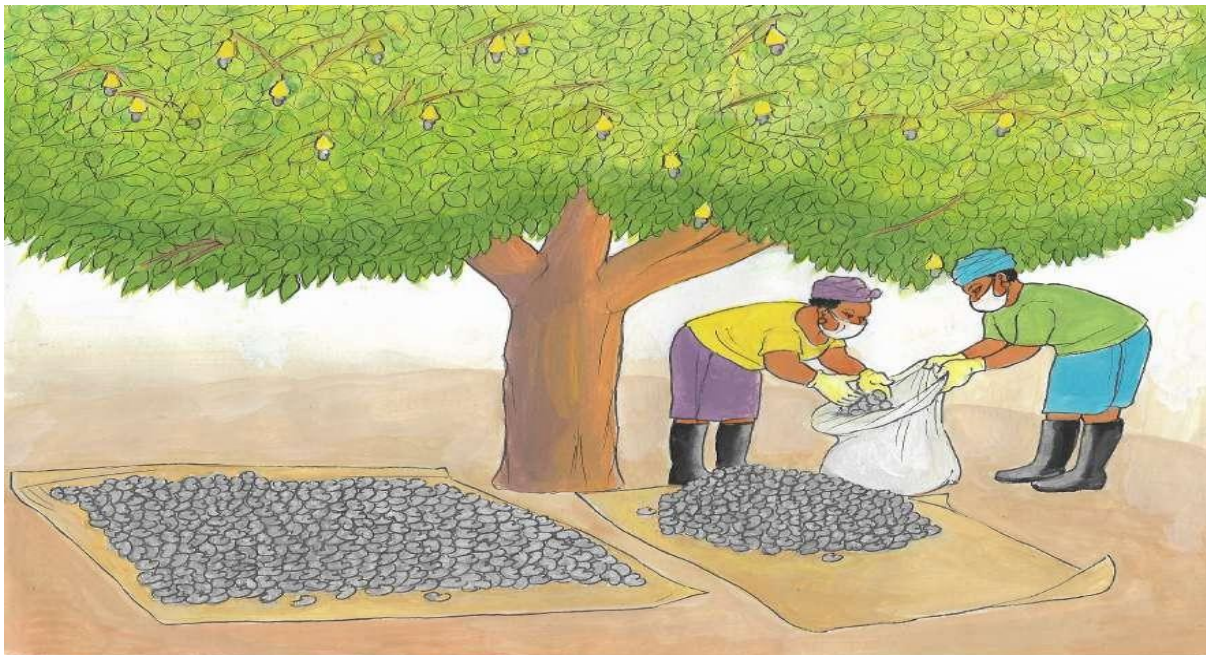
- **Selection of nuts**



Picture 9 : Selection of nuts

- **Drying and storage**

The nuts should be air dried for 4 days and then stored in jute bags in the shade at room temperature.



Picture 1: Drying of nuts

- **Sowing**

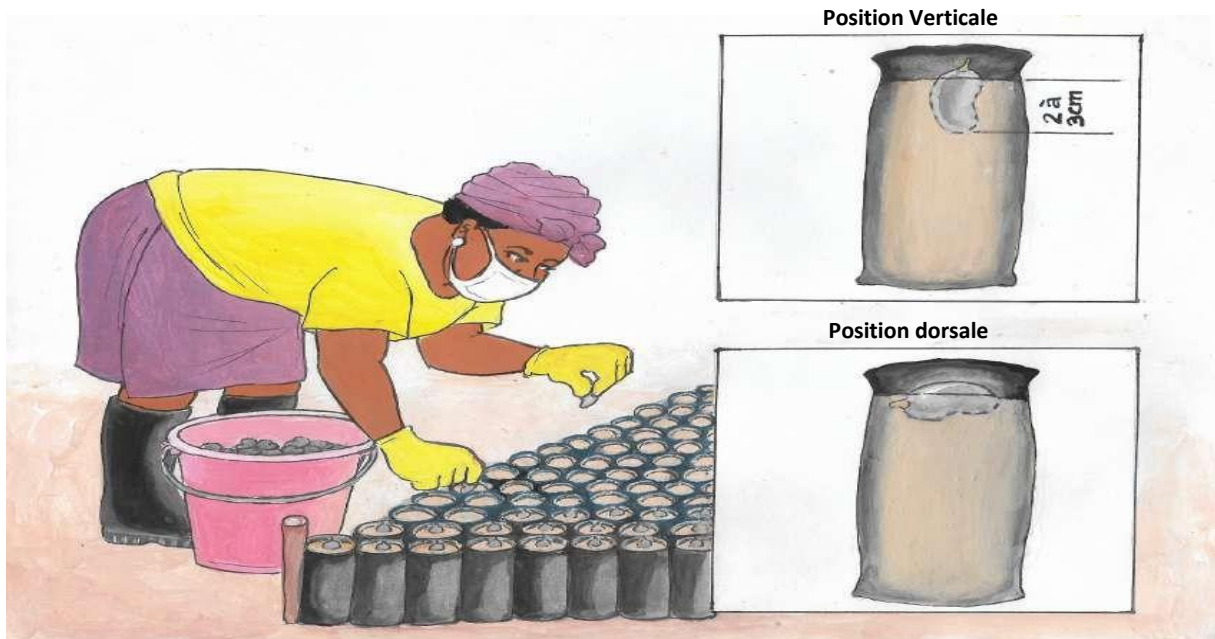
A flotation test should be carried out. In other words, soak the nuts in water for 24 hours and then remove the floating nuts which are the bad seeds.



Picture 11: flotation test

- **Sowing itself**

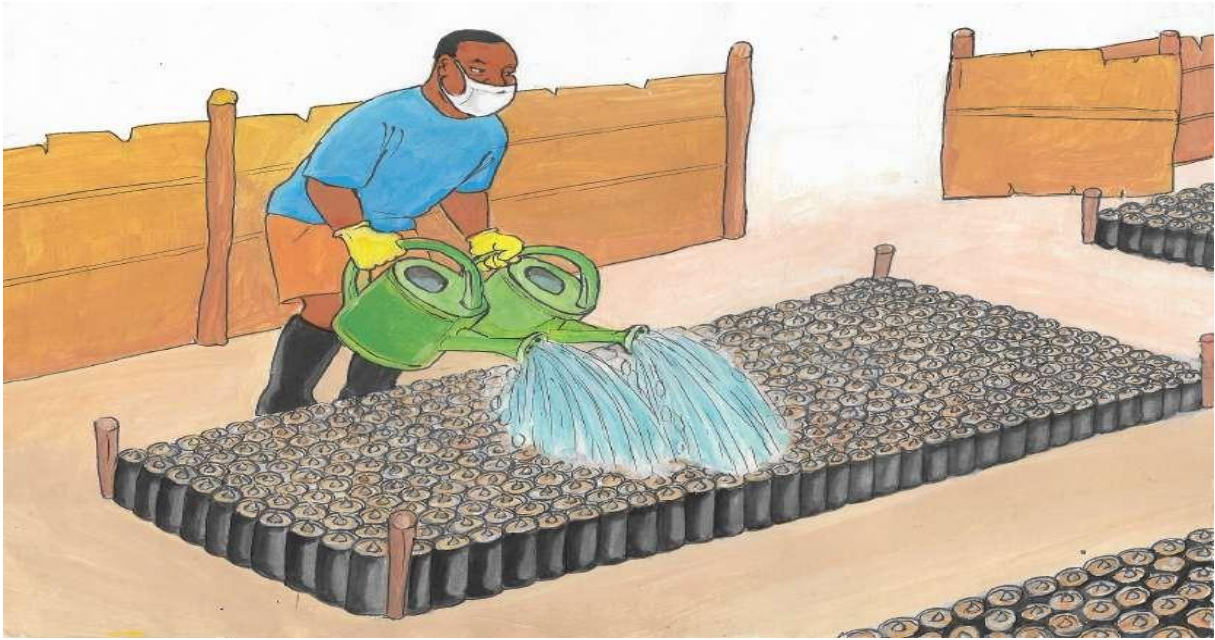
The right nuts should be sown in a vertical and dorsal position.



Picture 12: seeding in vertical and dorsal positions

- **Maintenance**

Water once (preferably in the evening) to twice a day (early morning and late evening).



Picture 13a: watering

Seedlings must be protected from the sun



Picture 13b: Protection from the sun

Weeding and pest control should be carried out where necessary.



Picture 14: cashew tree nursery

References



Institut Sénégalais de Recherche Agricole



Other references

H. S. Ba, M. A. Touré, C. O. Samb, A. M. Diallo, S. Badiane.