

TECHNICAL SHEET

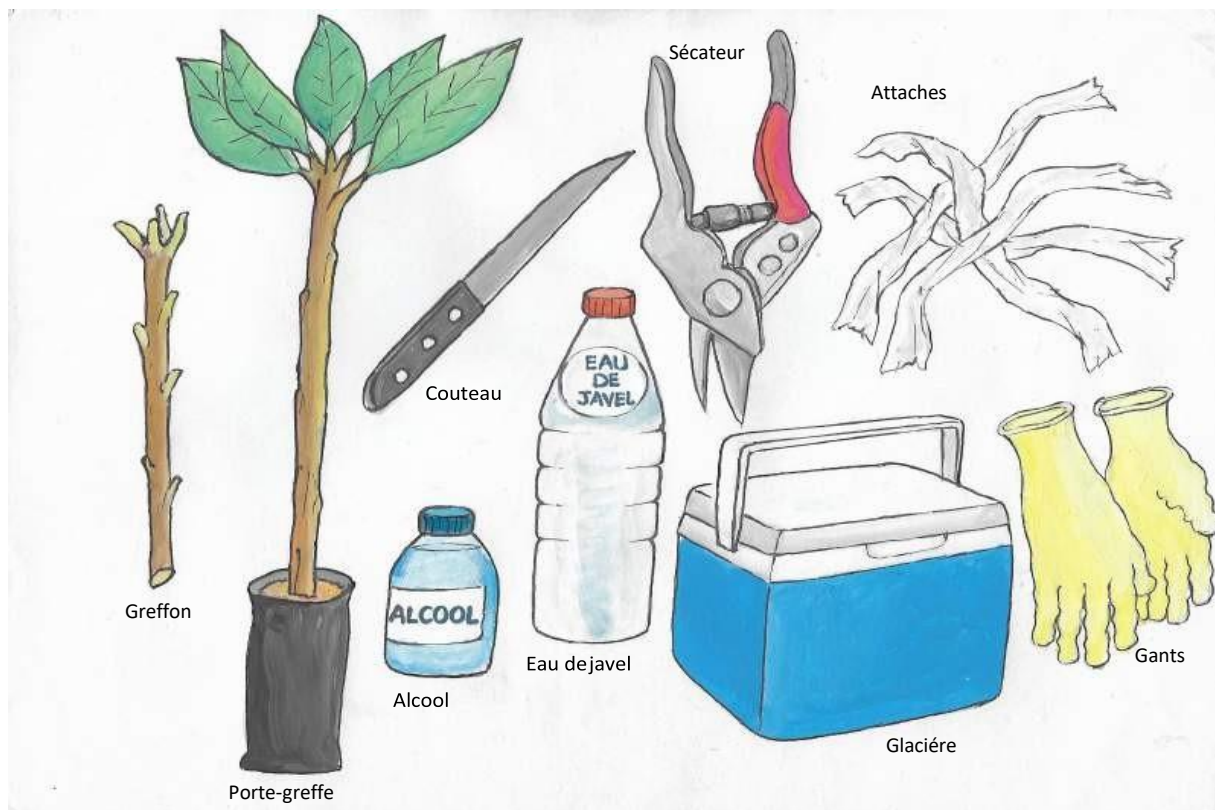
PRACTICAL GUIDE TO GRAFTING TECHNIQUES

Grafting project for cashew nut production

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 a good mastery of cashew tree grafting techniques as well as for a follow-up of grafted plants.

Grafting techniques

- Grafting equipment



Picture 1: materials used for grafting

- **Rootstock**

It must be vigorous and free of disease



Picture 2: Rootstock

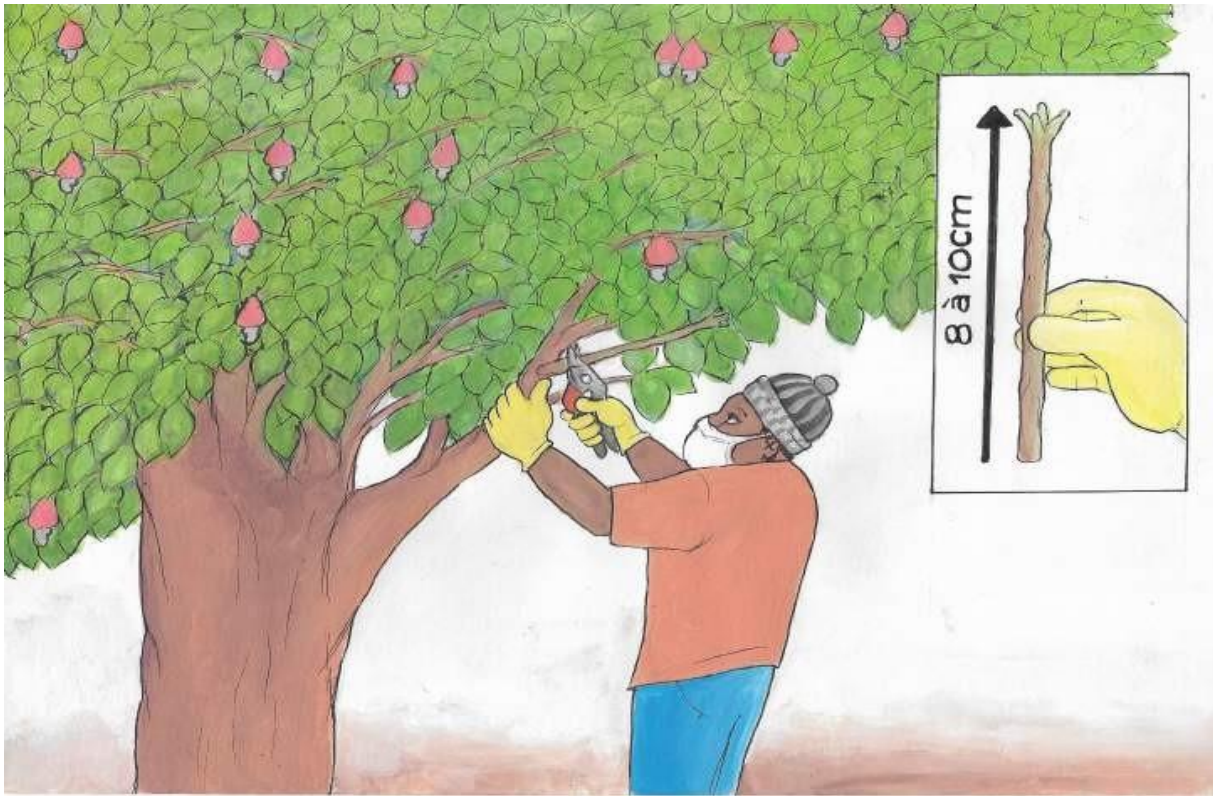
- **Choice of graft**

- **Collection period**

The grafts are harvested between April and July.

- **Characteristics of the graft**

Collect from the terminal part of the branch



Picture 3: Graft selection

- Storage of the graft

After harvesting, store the graft in a moistened cotton cloth or in a bag



Picture 4: placing the bags in a cooler

- Grafting by terminal splitting
 - Rootstock preparation



Picture 5 : Leaf removal from the rootstock

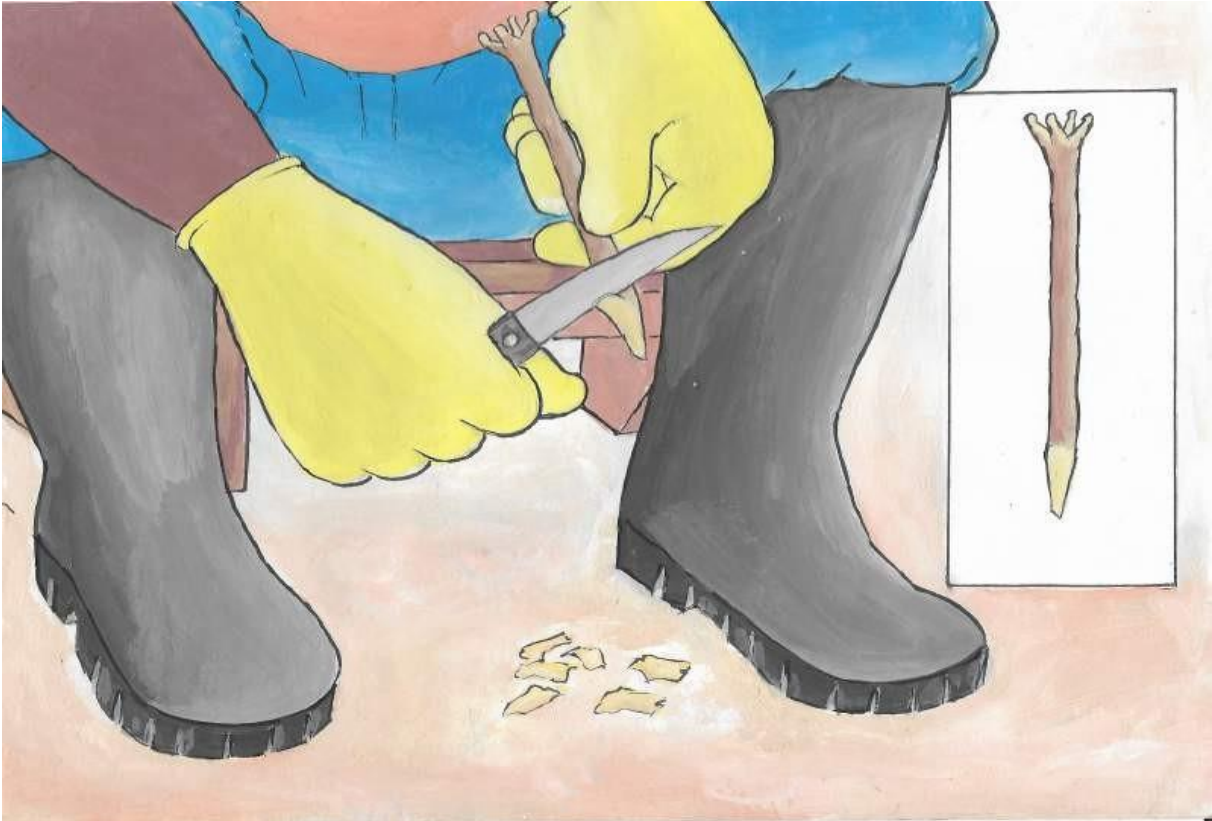


Picture 6 : Rootstock cross-section



Picture 7: Opening of the slot

- Preparation of the graft



Picture 8 : bevelled cut

- Graft placement



Picture 9: Graft placement

- Binding of the junction point



Picture 10 : ligation of the junction point

1 - Fastening band

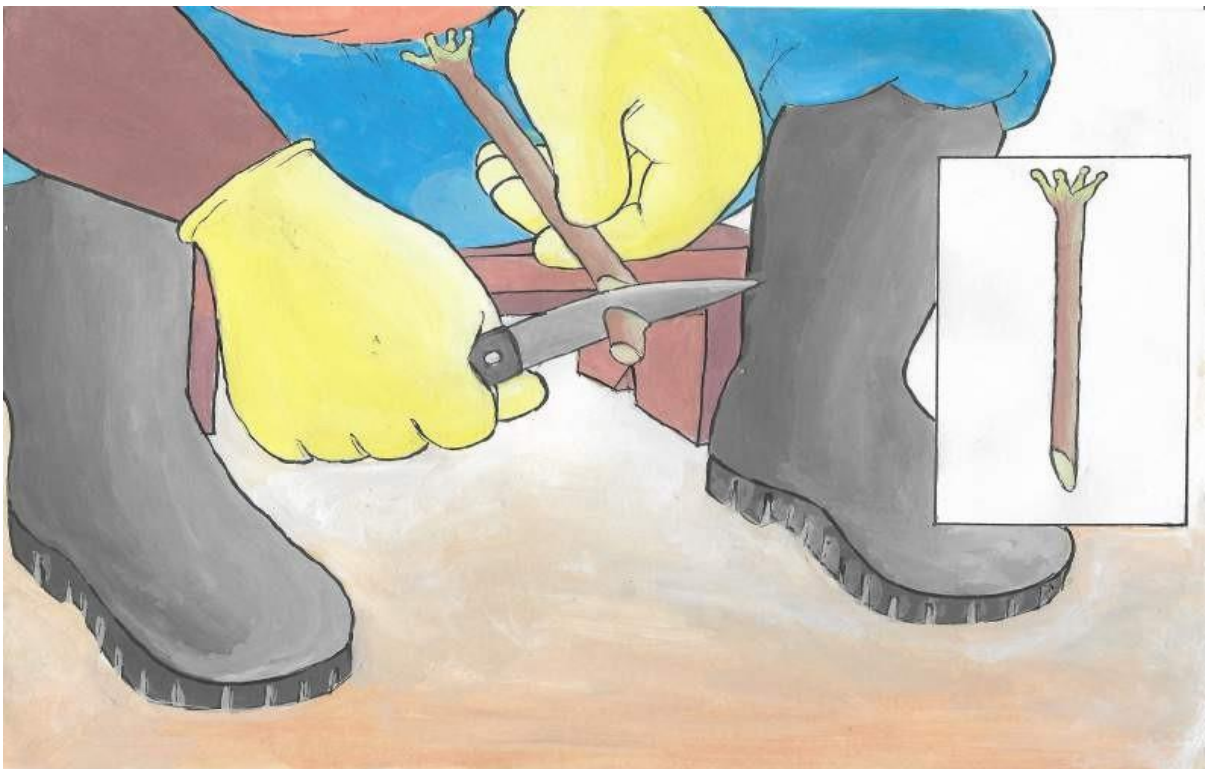
2 - Protective strip

- English grafting
 - Rootstock preparation



Picture 11: Bevelled cut of the rootstock

- Preparation of the graft



Picture 12 : English cut of the graft

- Graft placement



Picture 13: graft placement

- Binding of the junction point



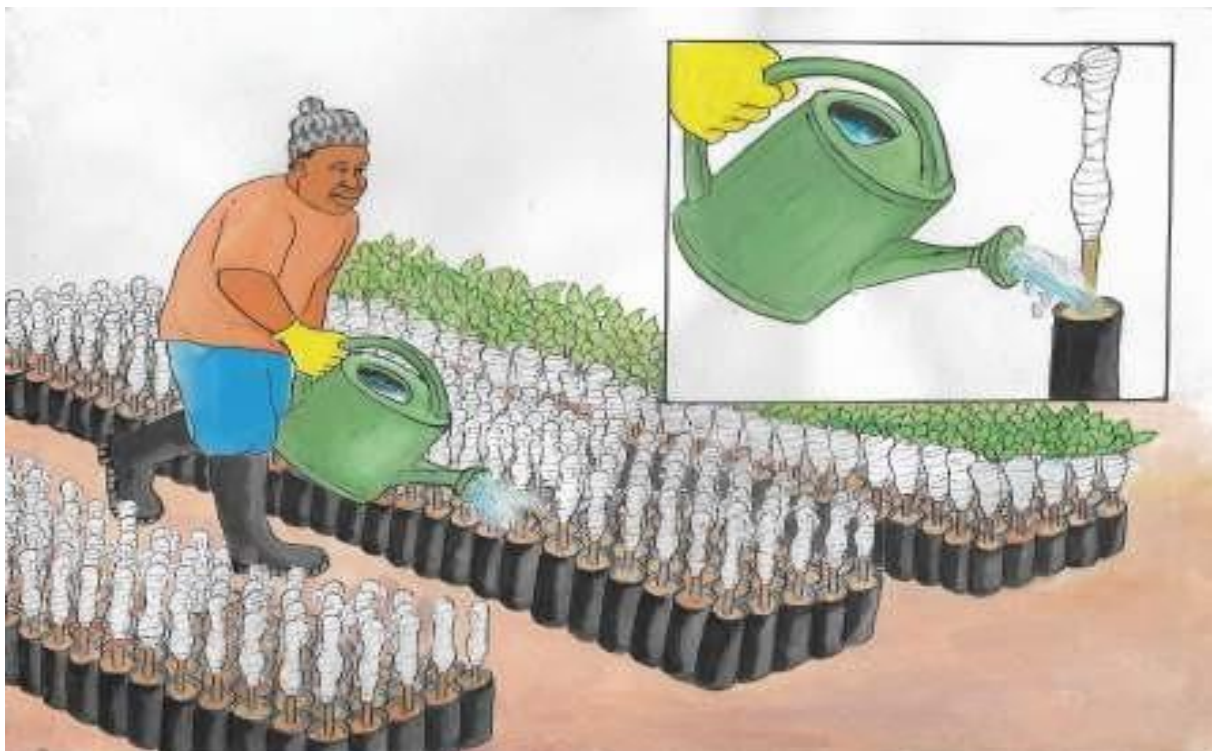
Picture 14: ligation of the junction point

- Maintenance
 - Protection



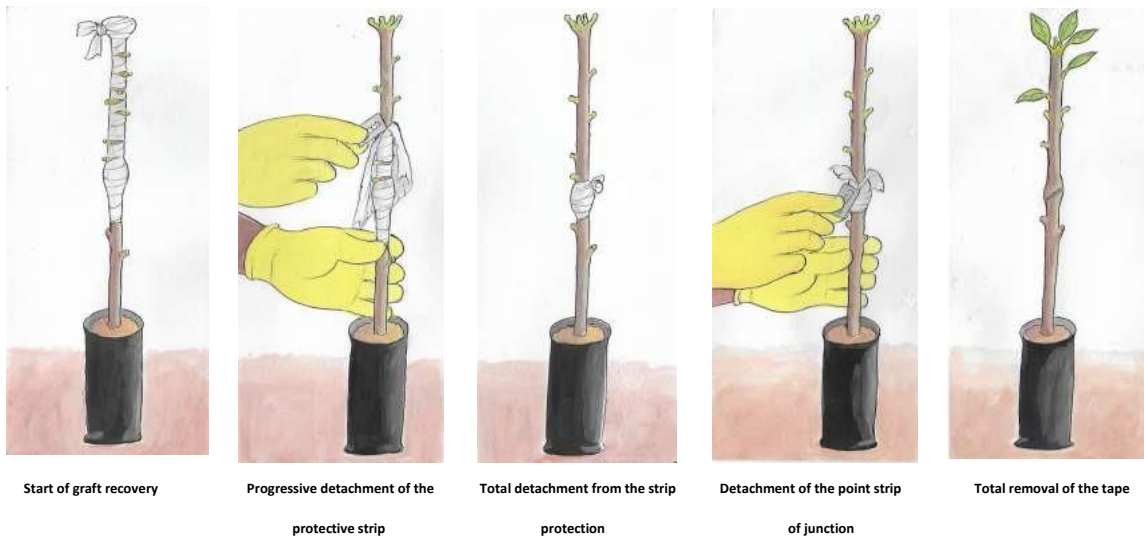
Picture 15 : Technical protection

- Watering



Picture 16 : Technical watering

- Weaning



Picture 17: Technical weaning

NB: for simple plating, weaning (cutting off the aerial part of the rootstock after budburst).

References



Institut Sénégalais de Recherche Agricole



Other references

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