



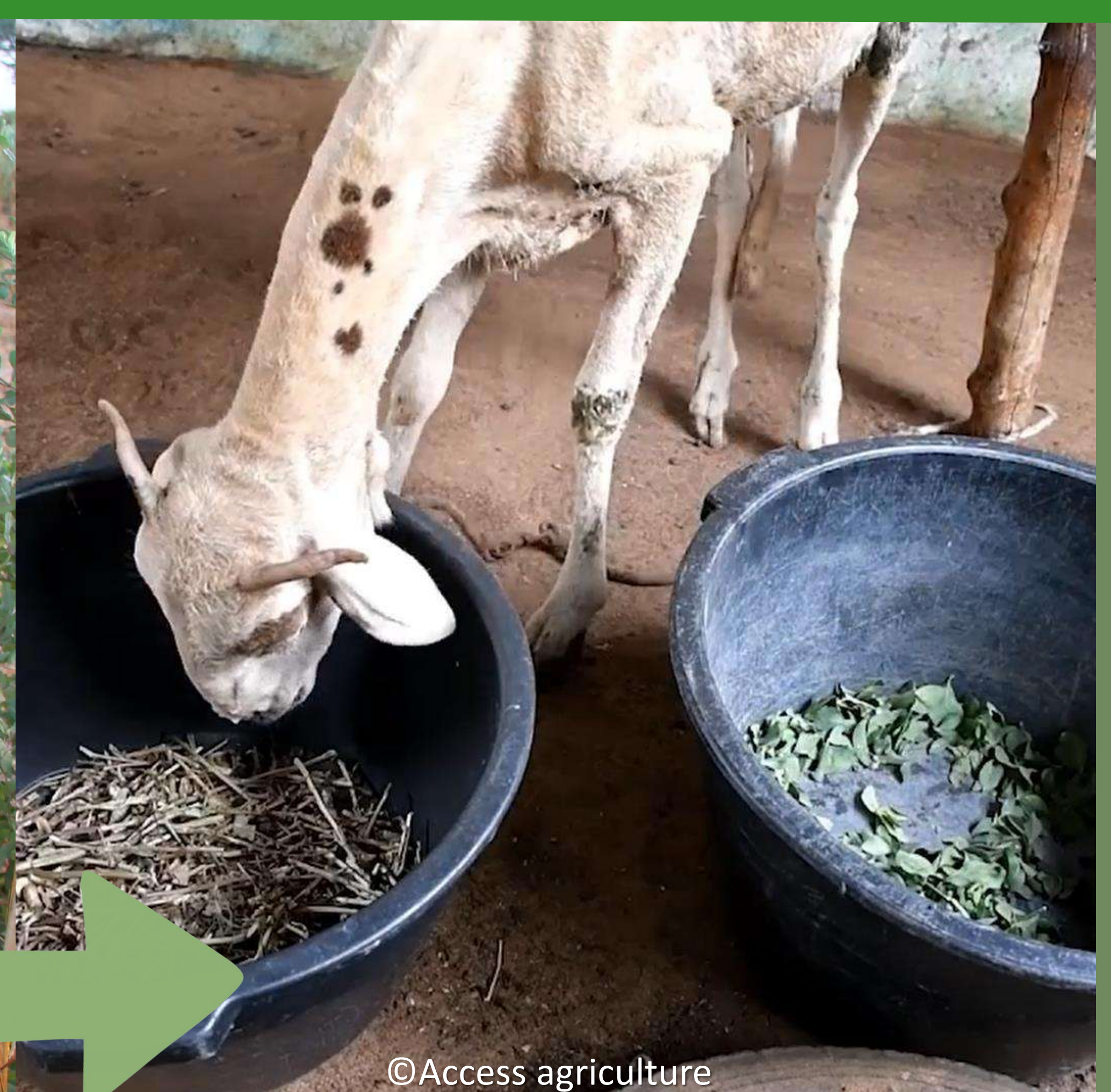
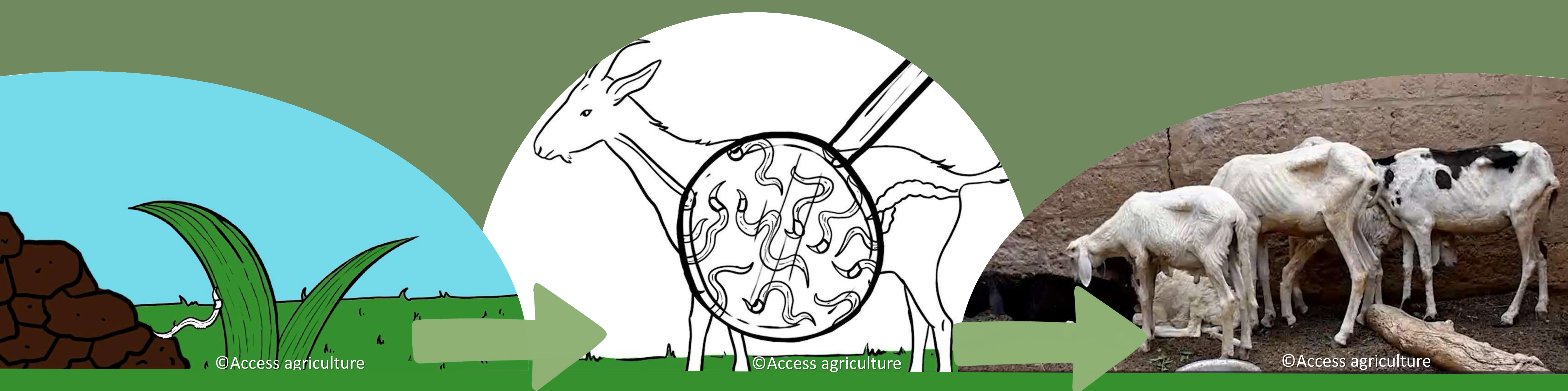
# Healthy animals thanks to medicinal trees



**“With the introduction of Baobab, Jujube, and Desert date leaves, we have seen a marked improvement in animals infested by intestinal nematodes.”**

*Fatou Cissé, farmer*

**If you notice that a goat or sheep is not eating or drinking, it may be infested with intestinal worms/nematodes.**



**To prevent the infection spreading to other animals, we recommend isolating the affected animal.**

**We recommend to harvest the leaves of medicinal tree species and prepare them as fodder for the infected animal.**

**Feeding infected animals these leaves for two weeks ensures their successful recovery, allowing them to return to the herd.**



**“We remember the great usefulness of trees and shrubs for treating animals. In particular *Faidherbia albida* and Baobab.”**

*Massila Silla, farmer*





# Tree and shrub species for treating sheep and goats against intestinal worms/nematodes

## Dattier du désert

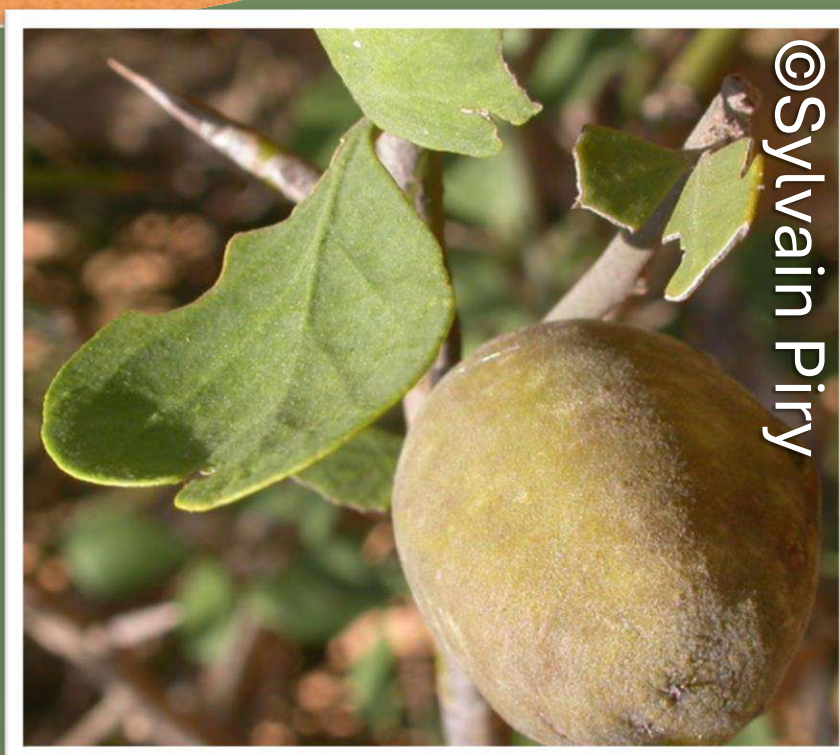
*Balanites aegyptiaca*



©Philippe Birnbaum



©Sylvain Piry



©Sylvain Piry

## Baobab

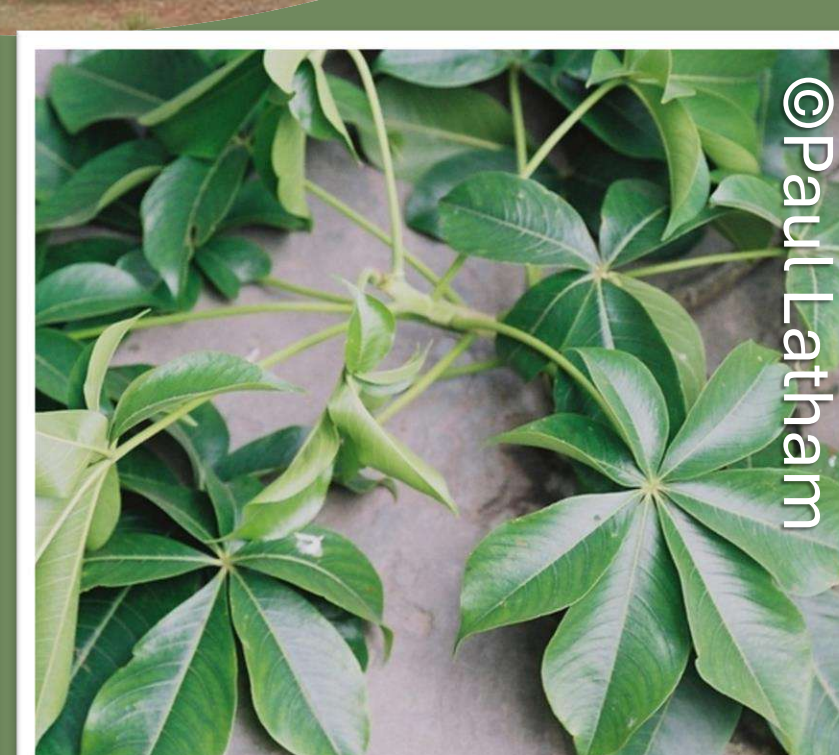
*Adansonia digitata* L.



©Philippe Birnbaum



©Willy Brüche



©Paul Lathain

## Faidherbia albida

*Acacia albida*



©A.Audebert



©Günther Baumhann



©Sylvain Piry

## Jujubier

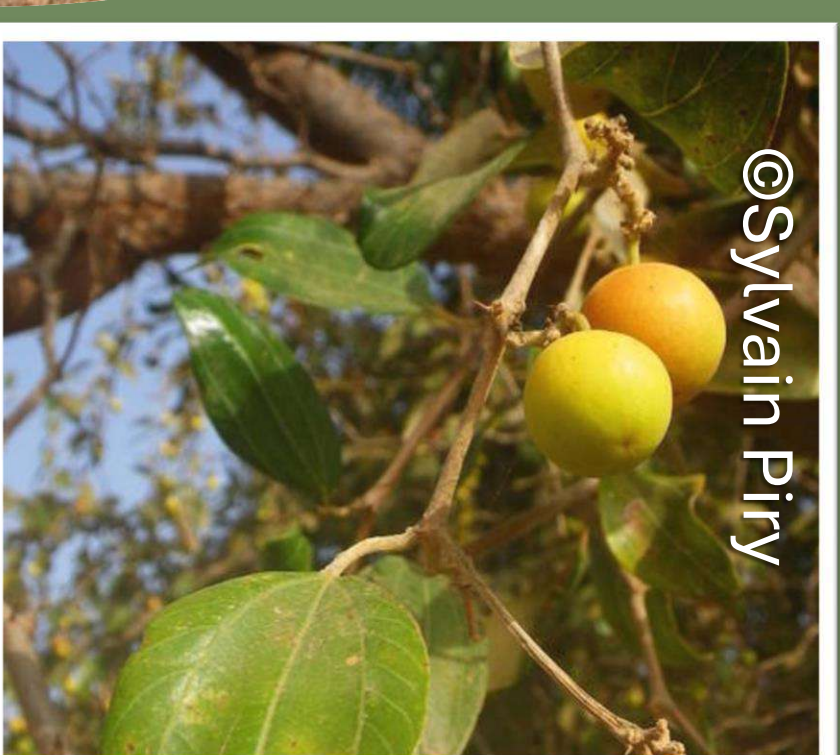
*Ziziphus mauritiana* Lam.



©Lilienthal Müsch



©Arne Erpenbach



©Sylvain Piry

## Cailcedrat

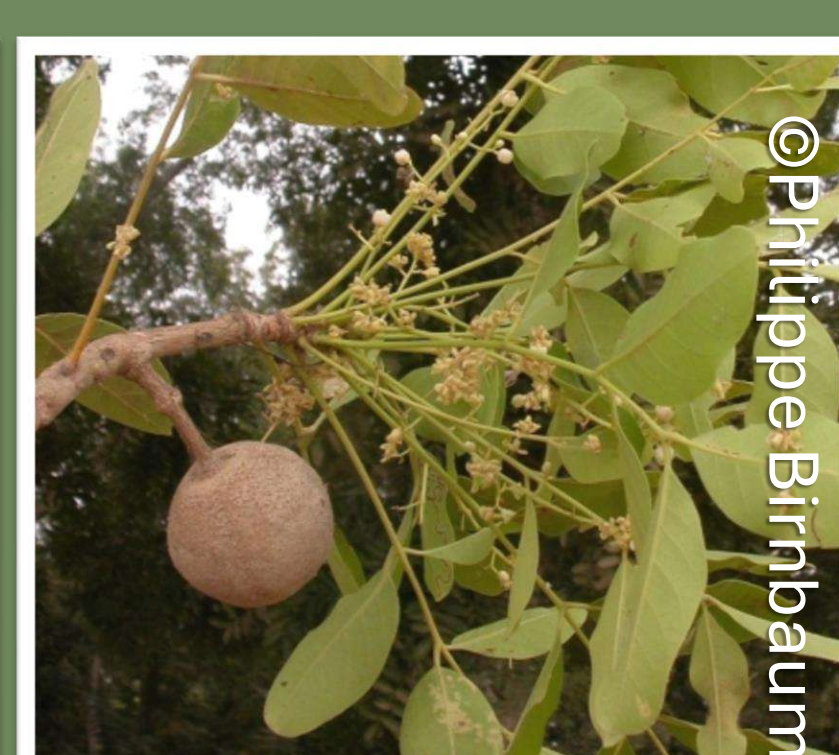
*Khaya senegalensis*



©Fernando Sousa



©Georg Goergen



©Philippe Birnbaum

## L'arbuste indigène

*Guiera senegalensis*



©Fernando Sousa



©Arne Erpenbach



©Marco Schmidt

Chemical treatments against intestinal worms/nematodes are increasingly ineffective due to the development of resistance.

“We have observed that the leaves of these trees are more effective than chemical medicines.”

*Mamadou Demba Ndiaye, farmer*



©Access agriculture

### Impressum:

Produced by: Lilian Beck, Fernando Sousa, 2024

### Sources:

• Beye, A., Traoré, L.C.G., Coulibaly, M., Mbaye, T., Schlecht, E., Fall Ba, M., Ngom, D., Heckendorn, F., Roessler, R., Sanon, H. and Coulibaly, D., 2023. Use of trees and shrub by farmers to control gastrointestinal nematodes (GIN) in extensive livestock production systems of West Africa. *Tropentag 2023. Competing pathways for equitable food systems transformation: trade-offs and synergies. Book of Abstract*, pp.366-367.

• Gestion des nématodes intestinaux chez les petits ruminants, <https://www.accessagriculture.org/fr/gestion-des-nematodes-intestinaux-chez-les-petits-ruminants>  
Vidéo pour le projet Sustain sahel produit par Access agriculture, 2024

• African plants - A Photo Guide. [www.africanplants.senckenberg.de](http://www.africanplants.senckenberg.de). Forschungsinstitut Senckenberg, Frankfurt/Main, Germany. [November 2024]