

Warburgia ugandensis: This highly medicinal species can be easily grown on-farm.

aches, constipation, toothache, cough, fever and general body pains. The wood has high oil content and burns well. It has good timber for building and furniture

Kigelia africana (Luganda: Mussa)

A medium tree that can grow up to 25 m tall. It's used for treating bladder trouble/kidney disease, wounds, sores and cuts. Unripe fruits are said to be used as a remedy for syphilis. The tree also provides good firewood.

Rauvolfia vomitoria

A small tree up to 8 m tall and considered endangered. It's mostly found in forest regrowth. Wildings are transplanted and cultivated. Propagation is by cuttings and natural stump regrowth is possible.

Roots for medicinal use may be harvested non-destructively annually by cutting them 10 cm from the taproot. Used to treat psychiatric patients and leprosy.

Syzigium cordatum (Luganda: Kanzironziro)

A medium-sized tree, 6-15 m tall commonly growing along fresh watercourses. It's believed to indicate presence of underground water. *Syzigium* can be regenerated using seedlings or wildings. It's used in the treatment of stomach-aches and other diseases. The tree provides good firewood and shade for animals.

Conclusion

Many highly valued species have been exploited unstainably in their natural habitats. Current efforts to save these species are geared towards promoting the growing of these species on-farm.

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More tree species on-farm for improved livelihoods



"Rather than people moving to the forests, let's move trees to the people"

Introduction

In an effort to develop new technologies, the Agroforestry research and development programme is undertaking research in identifying more tree species that can give a variety of tree products and services on-farm. This is aimed at:

- ❖ Enhancing welfare and income of farmers by providing tree options with market potential
- ❖ Conserving tree diversity by bringing useful tree species onto people's farms for cultivation

a) How to get more species for your farm?

The process involves;

(i) bringing forest tree species into wide cultivation through a farmer-driven or market-led process.

(ii) Identification, multiplication management and adoption of high quality planting materials from all available sources.

Why bring trees from the forest?

- ☑ Bring useful products like medicine, timber and fruits from the forests to peoples' farms
- ☑ Reduce pressure on natural ecosystems: ***"Rather than people moving to the forests, let's move trees out of the forest onto farmers' fields"***



Debarking of ***Prunus africana*** in Mabira forest. The highly medicinal species can be easily grown on-farm.

- ☑ Ensure continuity in use and availability of tree products and services

Increasing tree varieties

This is a process of increasing the type and number of tree species on-farm. The overall aim is to provide a variety of products and services to the farmers.

You can increase variety of tree species through:

1. Increasing number of tree species by planting many different fruit, timber, fuelwood and medicinal trees on-farm
2. Ensuring a more balanced percentage of all the planted tree species on farm

Why a variety of tree species?

- In case one specie doesn't perform well, the other tree will give products.
- Get a variety of tree products such as fruits, timber, fuelwood and medicine
- Ensure a variety of functions (e.g. wind protection, soil conservation, clean and cool atmosphere and shade
- Avoid dependence on markets for a single tree product
- Ensure regular availability of products and income over the years.
- It ensures a variety of tree species from which you can collect good quality planting material
- A variety of tree species on-farm can cross pollinate to ensure adaptation to changing environmental conditions.

A variety of species can be planted to provide the different products. The following forest species (not common on-farm) have been identified as very good for planting on-farm because of their recognized values and market both locally and internationally.

Warburgia ugandensis *(Luganda: Mukuzanume)*

An evergreen tree 5-30 m tall, that grows in forests, bushland and grasslands. It is highly medicinal and is used as a remedy for stomach-