

FOUNDATION FOR THE ASSISTANCE OF FURTHER STUDIES AND RESEARCH (FAFSAR)



FAFSAR SHADE TREE FOR CAMEROON(FASTEC)

We noticed the threatening wild trees intended to shade and beautify our streets as an error. These trees on maturity become a danger to habitation. Our research in six(06) towns had the same. FAFSAR had to research towns and on the hills to identify which tree can perform this miracle. *Alstonia scholaris* commonly known as the miracle tree became the perfect alternative, contrary to the wild hazardous trees growing in our streets. We immediately sought to domesticate this miracle tree, looking at the various advantages it provides. This gift from nature has the unique qualities to shade, beautify and lots more to homes, streets, public places.



Wild trees around the central police Limbe



Wild trees at Central Gendarm



Wild trees at down beach, Limbe



1) *Alstonia scholaris* tree at the limbe 1 district hospital



2) Preparing nursery for *Alstonia scholaris*



Umbrella pruned shape *Alstonia scholaris* at Bota hospital, Limbe.

OUR OBJECTIVES:

- ◆To replace the present wild trees on the streets and utilize the *Alstonia scholaris* as it has well defined canopy sturdy branches.
- ◆To minimize damage caused by the felling down of present trees as felling down always destroys cables, fences and some branches cause accident.
- ◆To give these cities a uniform and neat look as *Alstonia* can be pruned into whatever shape leaving the cities beautiful.
- ◆To positively affect climate change
- ◆To reduce the cost of felling down trees and having to replant when it can not longer be managed as *Alstonia scholaris* has the ability to regenerate after being kept down.



Regenerating *Alstonia scholaris* opposite Bota hospital, limbe



Alstonia scholaris at Bota labour club.

RESEARCH FOR THE WELL-BEING OF HUMANITY

EXPECTED OUTCOME:

- ◆Increase green cover contributing to cooler local temperature and reduce urban heat
- ◆Improve air quality as this tree has abilities to purify the air
- ◆To beautify the streets, build uniformity in residential areas and give individual residence a fresh atmosphere
- ◆Within the period of five years, all wild trees must have been replaced by the *Alstonia scholaris* as we have a nursery with capacity to produce thousands of resistant seedlings which can survive all weather conditions.

METHODOLOGY

- ◆Nursery trials with varied soil types
- ◆Rooting success in cutting
- ◆Monitoring over seasons

BENEFITS

- ◆ Good for immune system and a variety of other health issues like respiratory support, digestive aid, anti-inflammation etc.
- ◆ It purifies the air, its large leaves help absorb pollutants and dust improving urban air quality an perfect for shade
- ◆Strong roots help for wind resistance and prevent soil erosion
- ◆ Improve social life of the people as they can sit under to socialize e.g. eating, marriages, cooling down etc.



FASTEC Nursery

WHO WE ARE:



FASTEC team at the nursery

JOIN US:

A step toward creating sustainable and resilient urban and rural landscapes by harnessing the natural benefits of the miracle tree, we can make significant strides in environmental restoration and climate action.

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Alstonia scholaris at Mokindi residence



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Alstonia scholaris at Bota hospital yard Limbe, Cameroon

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