

Introduction of cashew nut for income security for poor farmers in Northern Uganda

Project nr: W 08.270.102

Cashew value chain

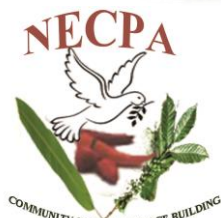
Northern and Eastern Uganda

Presented by: Acham Ketty Elungat.

Mobile: 0772-489682

Email: necpalira@gmail.com

www.necpaug.org



Impact

Increase in food production and income security at 5.000 farmers in Northern and Eastern Uganda, planting 300.000 trees, with an estimated total income of 1 million Euro per year, 5 years after the end of the project

1,000,000 seedling available in 2019

5,000,000 seedlings planted by 2021

Humidity: moisture content of the nut (6-10%)



From output to outcome



Business cases

- Production of seedlings: 67 nursery operator with 1,000,000 seedlings available
- Production of the nuts: farmer (group) 450 farmer groups formed
- Processing of the nuts: processor

Nursery: sustainable production model

- Seedlings on farmer's demand
- A profitable activity: gross margin per seedling between 60-80%, with 40,000 seedlings
- Various techniques of seedling production: successful grafting (85%)

Business model

Production

- 40 trees per acre

With high yielding varieties:

- First yield after 3 years; full production after 10 years with a yield of 15-35 kg RCN/tree, double the production: 300 kg RCN/acre; turnover: **600.000 UGX/acre**
- 106,613 trees -> 1,9 billion UGX = **525 kEur/year potential yield**

-> trust in the cashew nut tree <-



Outcome

1. Increase in farm level production :

Output: 2018:

- 1800 producers
- 6,500 existing trees at farmers + central farm with 11,678 trees
- 264,020 new trees planted with a survival rate of 65% it results in 171,613 new trees
- 4,290 acres
- 25 Mt cashew nuts produced
- 1,000,000 seedlings produced
- 48 nursery operators contracted by NAADS to supply farmers with seedlings
- Collaboration between various actors on the basis of added value

