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Utilization of Cassava  
For Chips Among  
Four (4) Women Groups In Oyo State.

Project Proposal Submitted to SAFGRAD

BY

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# UTILIZATION OF CASSAVA FOR CHIPS AMONG FOUR WOMEN GROUPS IN OYO-STATE.

## Introduction

Cassava is the major crop grown in Nigeria and products like ethanol, starch, and livestock feeds is very minimal. FAO(1994) report indicated that Nigeria the worlds' largest producer of cassava, at 30 millions metric tons per annum.

Over two-third of the global output of cassava is processed into human food in Nigeria(IITA\UNICEF1990).

It is necessary to diversity cassava into other uses in order to generate more income, thereby improving the standard of living of our rural poor.

This project will work on the processing of cassava into chips and marketing the chips to ethanol industry and livestock farms for feed formulation.

## Methodology

Four women groups will be used per zone for this project. These groups will be cited in Ibadan, Shaki, Ogbomosho and Oyo operational zones of oyo state Agriculture Development programme.

Each of the group will cultivate 1 hectare each of cassava variety Tins30872, which will take between 9-12 months to harvest.

The cassava will be processed into chips and sundried or use an appropriate drier that will not gelatinize the starch content.

The dried cassava chips will be package into 100kg bags and sell to ethanol companies, Livestock companies and industries.

The marketing will be made through publicity as Radio, Television and internet.

## Approach

Farmer will provide the land for the cassava production.

SAFGRAD will provide the processing equipment and Agricultural Inputs

Oyo state Agricultural Development programme (OYSADEP) will provide the training personnels that will train the farmers on improved farming techniques, that will lead to uncreased production.

OYSADEP will also provide the marketing channels of the cassava chips.

## Benefits to be derived by the women farmers.

High production of cassava tubers with unproved variety and farming techniques to be given by OYSADEP.

Better income from the sales of cassava chips instead of the income receive from "gari", "lafun" and "fufu" (local foods made with cassava).

Have access to international markets for better income.

Less effort and time are needed for the production of cassava chips, which is an advantage are other cassava food products.

## Cost of production.

	₦	:	K
Land for cassava production (4 hectares of land)	250	000	
Land preparation (4ha)	50	000	

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(Tractorization etc)	
	N: K
Cassava cuttings (200bundles)	25,000
Labour costs (4ha)for	
The period of 12months	100,000
Including harvesting	
Cassava chipper (4)	200,000
For 4different groups	
Cassava Drier (4)	400,000
For 4different groups	
Packing materials	100,000
Transportation	100,000
Training programmer	400,000
For farmer (cost of training each group including	
Itmanium for staff)	
Fueling and other numar costs	100,000
Miscellaneous expenses	100,000
	<hr/>
Total	1,825,000
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**Estimated Income**

	N : K
NAFGRAD	1,824,300
(Other expenses)	
OYSADEP	400, 000
(cost of training)	
Farmer	250, 000
(Land for cassava production)	
	<hr/>
	1,825,000
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**Estimated Income**

Cassava production with the average of 15.2 metric tin per ha. The 4ha will produce 60.8metric tin.

The cost of fresh cassava is between ~~₦30-₦35,000~~/ton .  
The 60.8 metric ton fresh cassava will cost between

₦1,824, 000

₦2,128, 000

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For dried cassava the 60.8 metric ton fresh cassava will yield 21 metric tons on dry matter basis with 60% water content .

The cost of dried cassava chips per ton is estimated as ~~₦ 80-₦190,000~~/ton

Therefore the 21 tons dried cassava chips will be between.

₦3,780,000-₦3,990,000

This trade will really benefit the women farmers, if it is continued for along period of time

#### References

COSCA report on cassava production in Nigeria (1992)

IITA|UNICEF Report (1990)

FAO Report (1985)

#### Timeline Chart

Jan –Feb	Land preparation
March-April	Planting of cassava
Aug-Sept	Maintaince of cassava field
June(Following Year)	Harvesting
July- Aug	Processing of cassava chips
Sep-Dec	markerting of cassava chips

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