



FMARD



**National Agricultural Extension and Research Liaison Services
Federal Ministry of Agriculture and Rural Development
Ahmadu Bello University, Zaria**

2017

AGRICULTURAL PERFORMANCE SURVEY

EXECUTIVE SUMMARY



website: www.naerls.gov.ng

NAERLS 2017 APS



**National Agricultural Extension and Research Liaison Services
Federal Ministry of Agriculture and Rural Development
Ahmadu Bello University, Zaria**

Vision Statement

The foremost institute for agricultural extension research and capacity development for effective delivery services, increased agricultural productivity, sustainable agricultural growth and wealth creation.

Mission Statement

Develop, collate, evaluate, disseminate agricultural technologies and conduct research in agricultural extension methodologies and policy; and provide leadership in capacity building of stakeholders to meet the present and future agricultural developmental challenges of the country.

Acknowledgment

The assessment of agricultural production in Nigeria is a key annual activity of NAERLS. The 2017 wet season assessment exercise was conducted between 20th - 27th August, 2017 in collaboration with:

- State Agricultural Development Programmes (ADPs) and Ministries of Agriculture
- Federal Department of Agricultural Extension (FDAE);
- Planning, Policy and Coordination Department (PPCD);
- National Bureau of Statistics (NBS);
- Federal Department of Fisheries (FDF);
- Nigeria Meteorological Agency (NIMET);
- Federal Department of Agriculture (FDA);
- Federal Department of Animal Production and Husbandry Services (FDAPHS);
- Federal Department Farm Inputs Support Services (FDFISS);
- National Productivity Centre (NPC);
- National Animal Production Research Institute (NAPRI) and
- Famine Early Warning Service Network (FEWSNET), Nigeria

Nineteen teams covered the 36 states and the Federal Capital Territory (FCT) involving 148 LGAs across the country. Six monitoring teams, one per geo-political zone monitored the survey. I wish to commend the teams that covered Borno, Yobe and Adamawa States for their sacrifices despite the restiveness in the area.

The same sincere appreciation goes to farmers and farmers' groups, officials of the State Ministries of Agriculture, State Agricultural Development Projects (ADPs), other Parastatals and LGA officials across the country that made all the necessary arrangements to facilitate the smooth conduct of the fieldwork and also provided the required data. The outputs of the evaluation exercise have been put together into 36 states/FCT reports and a national report. The reports are available to all stakeholders. The continued involvement of agencies such as NBS, NPC, NARIs, NIMET and FEWSNET continues to raise the scope and quality of the reports. The support of the Food and Agriculture Organization (FAO) of the United Nations (UN) through the provision of Android tablets facilitated electronic data capture during this year's survey. NAERLS will continue to explore options for improving the quality of the exercise as well as developing the capacity of key partners in data collection and management.

As usual, we welcome comments and suggestions for the improvement of the survey.

Prof. M. K. Othman
Executive Director, NAERLS
E-mail: director@naerls.gov.ng, mkothman@gmail.com
Website: www.naerls.gov.ng.

Methodology

- Nation Wide Field survey 36 States and FCT involving 148 LGAs undertaking between 20th- 27th 2017
- Questionnaire survey, Participatory Rural appraisal (PRA)
- Interviews were employed in data collection
- Dialogues with all ADPs/ States MANR and other stakeholders
- Farmers' interview using stratified sampling- two LGAs were selected and one community selected per LGA for all states nationwide.
- Input from crop models such as SARRA-H
- Wrap-up/validation with relevant stakeholders

PARTNERS

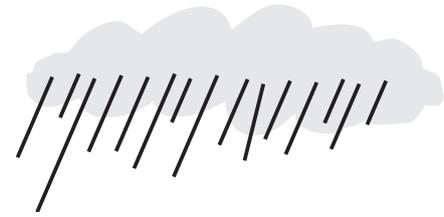
FAO	Food and Agriculture Organization
FDA	Federal Department of Agriculture
FDFA	Federal Department of Fisheries and Aquaculture
FDAPHS	Federal Department of Animal Production and Husbandry Services
IAR	Institute for Agricultural Research
IAR&T	Institute of Agricultural Research and Training
LCRI	Lake Chad Research Institute
NASC	National Agricultural Seeds Council
NBS	National Bureau of Statistics
NCRI	National Cereals Research Institute
NFRA	National Food Reserve Agency
NIFOR	National Institute for Oil Palm Research
NIMET	Nigerian Meteorological Agency
NRCRI	National Root Crops Research Institute
NPAFS	National Programme on Agriculture and Food Security
NPFS	National Programme on Food Security
NSPFS	National Special Programme for Food Security
P&PCD	Planning and Policy Coordination Department
RID	Rural Infrastructure Department
FEWSNET	Femine and Early Warning System
CDA	Center for Dryland Agriculture



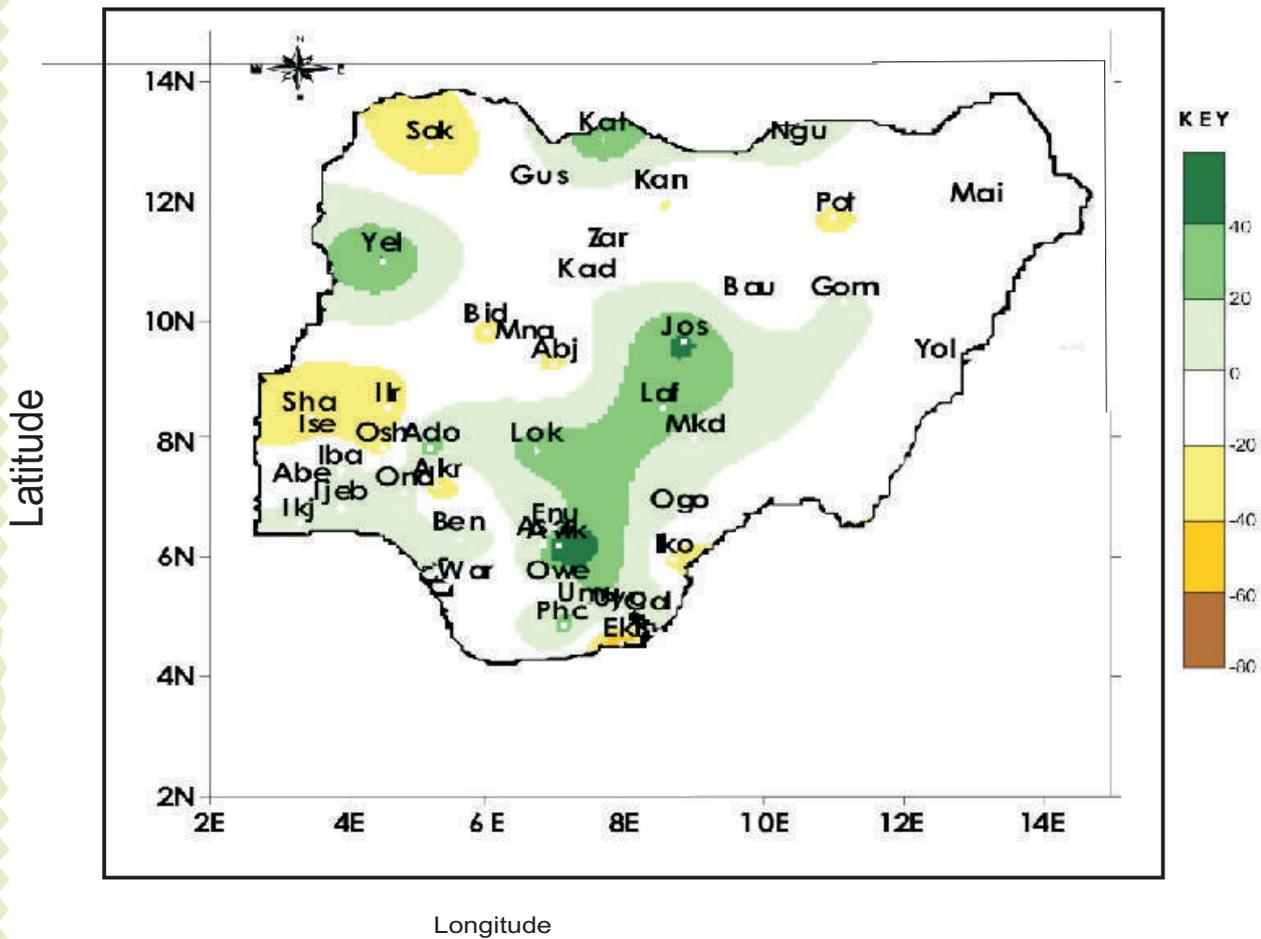
Table of Contents

Content	Page
Title Page-----	i
NAERLS Vision and Mission-----	ii
Acknowledgement-----	iii
Methodology-----	iv
Table of Contents-----	v
1.0 Rainfall Situation-----	1
2.0 Seed Procurement and Distribution-----	3
Cassava-----	3
3.0 Seed Procurement and Distribution-----	6
Maize-----	6
4.0 Seed Procurement and Distribution-----	10
Rice-----	10
5.0 Seed Procurement and Distribution-----	14
Soybean-----	14
6.0 Yam-----	17
7.0 Sorghum-----	19
8.0 Millet-----	22
9.0 Cowpea-----	23
10.0 Agricultural Mechanisation-----	25
11.0 Average Cost of Major Farm Operations Across the States-----	26
12.0 Livestock and Fisheries-----	27
13.0 Agricultural Development Programme Extension Activities-----	30
14.0 ADP Funding-----	31
15.0 Major Constraints To Agricultural Production (Framers Assessment)-----	32
16.0 N-power (Agro) by States-----	35
17.0 Summary, Conclusion and Recommendations-----	36

1.0 Rainfall Situation

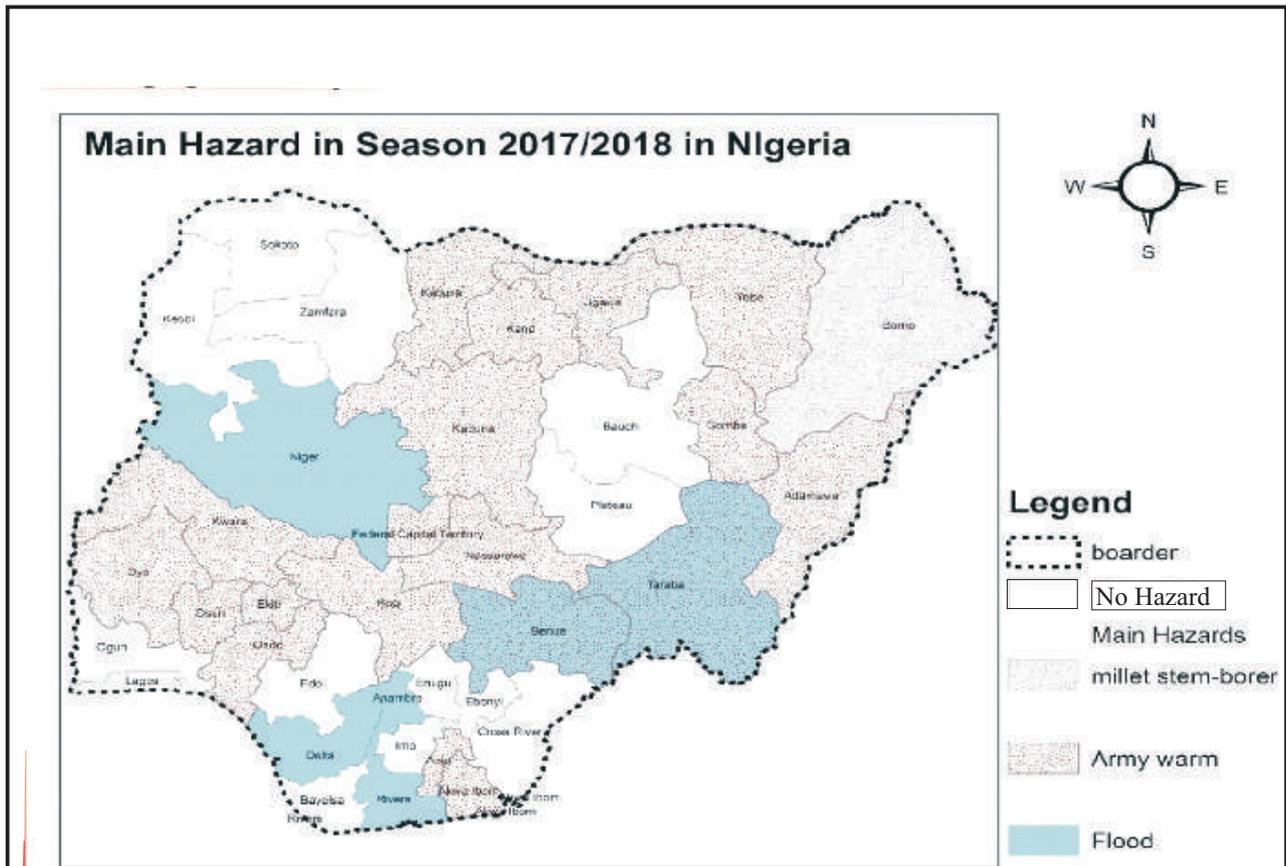


Percentage difference in rainfall between 2016 and 2017



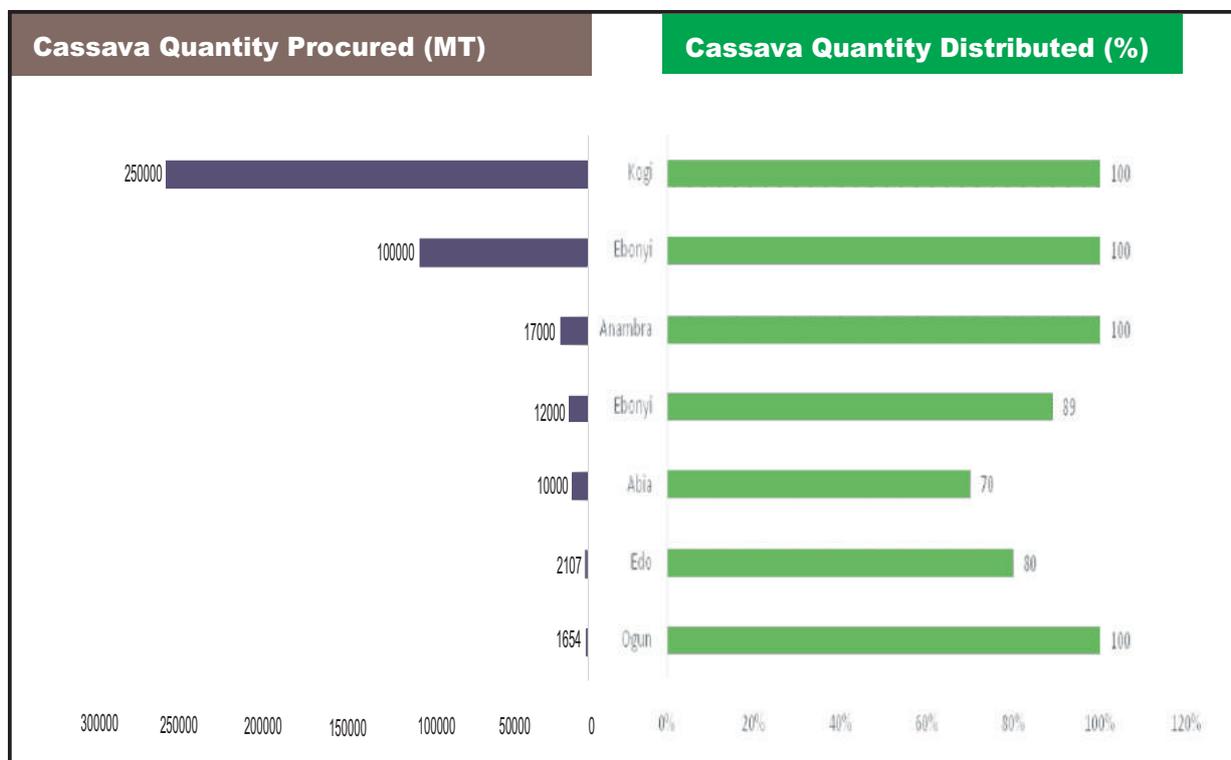
Source: NIMET 2017

Summary of flooding and Other Natural Disasters in 2017



2.0 Seed Procurement and Distribution in 2017

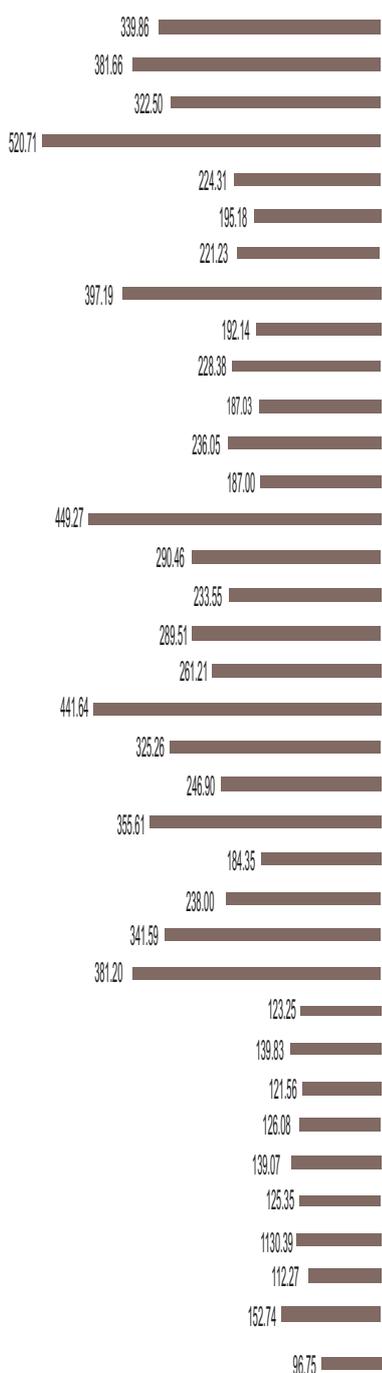
Cassava Cuttings



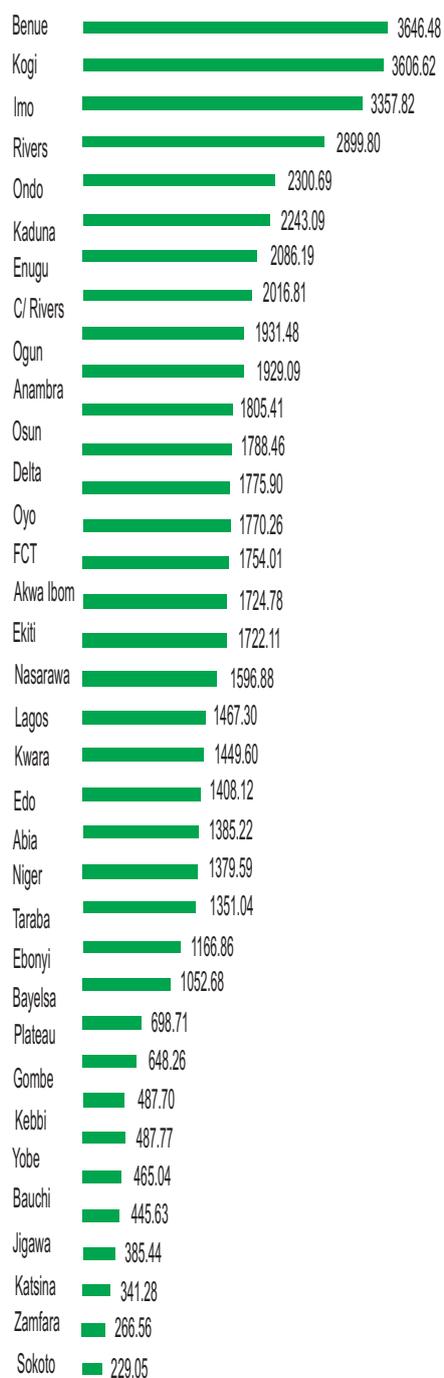
Cassava Production



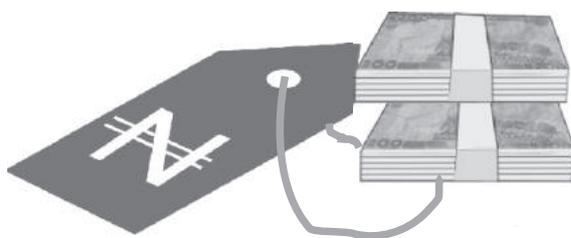
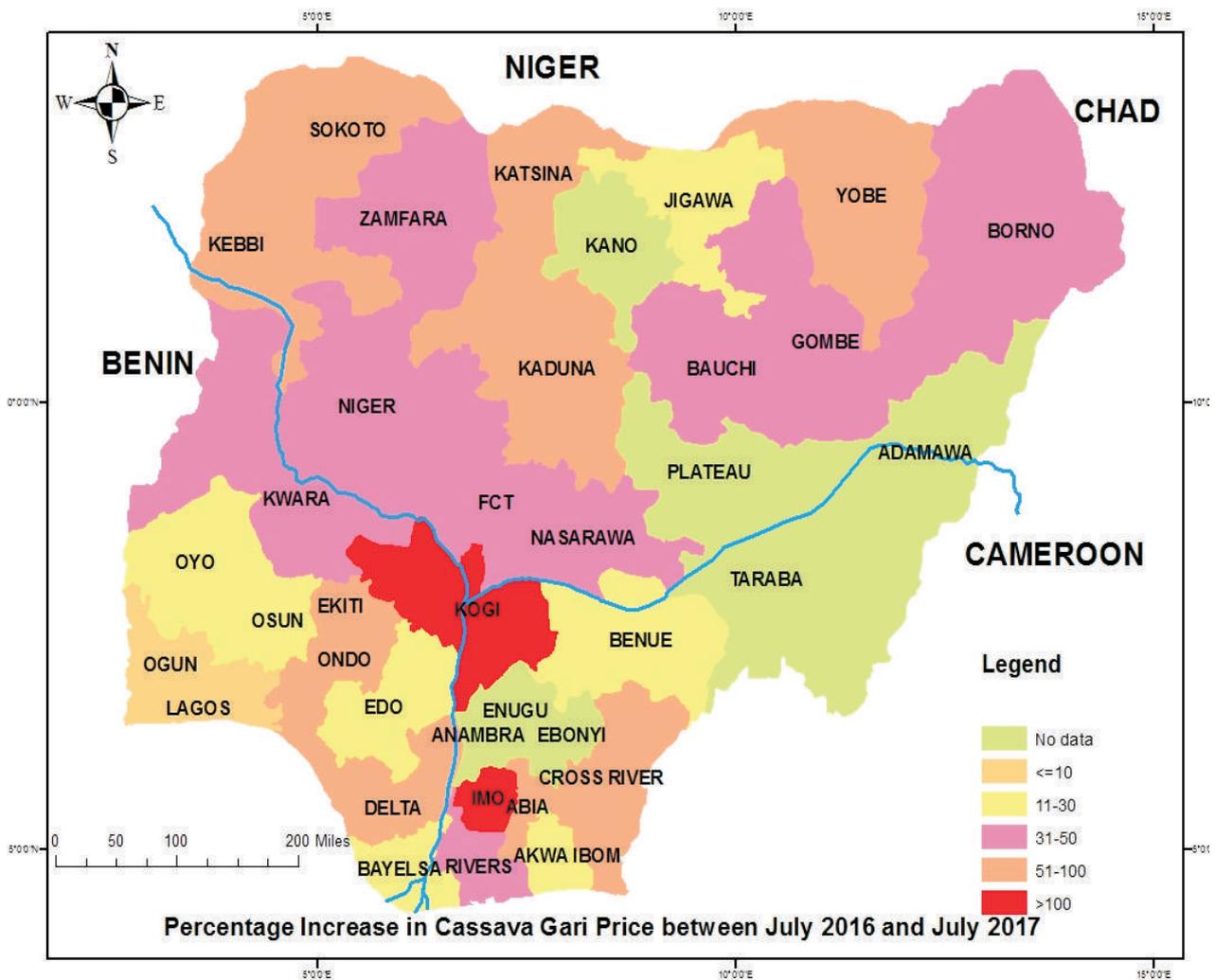
Land Area (Hectare)



Production (Metric Ton)

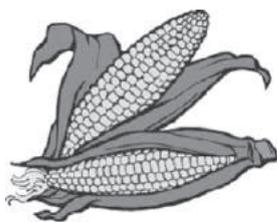
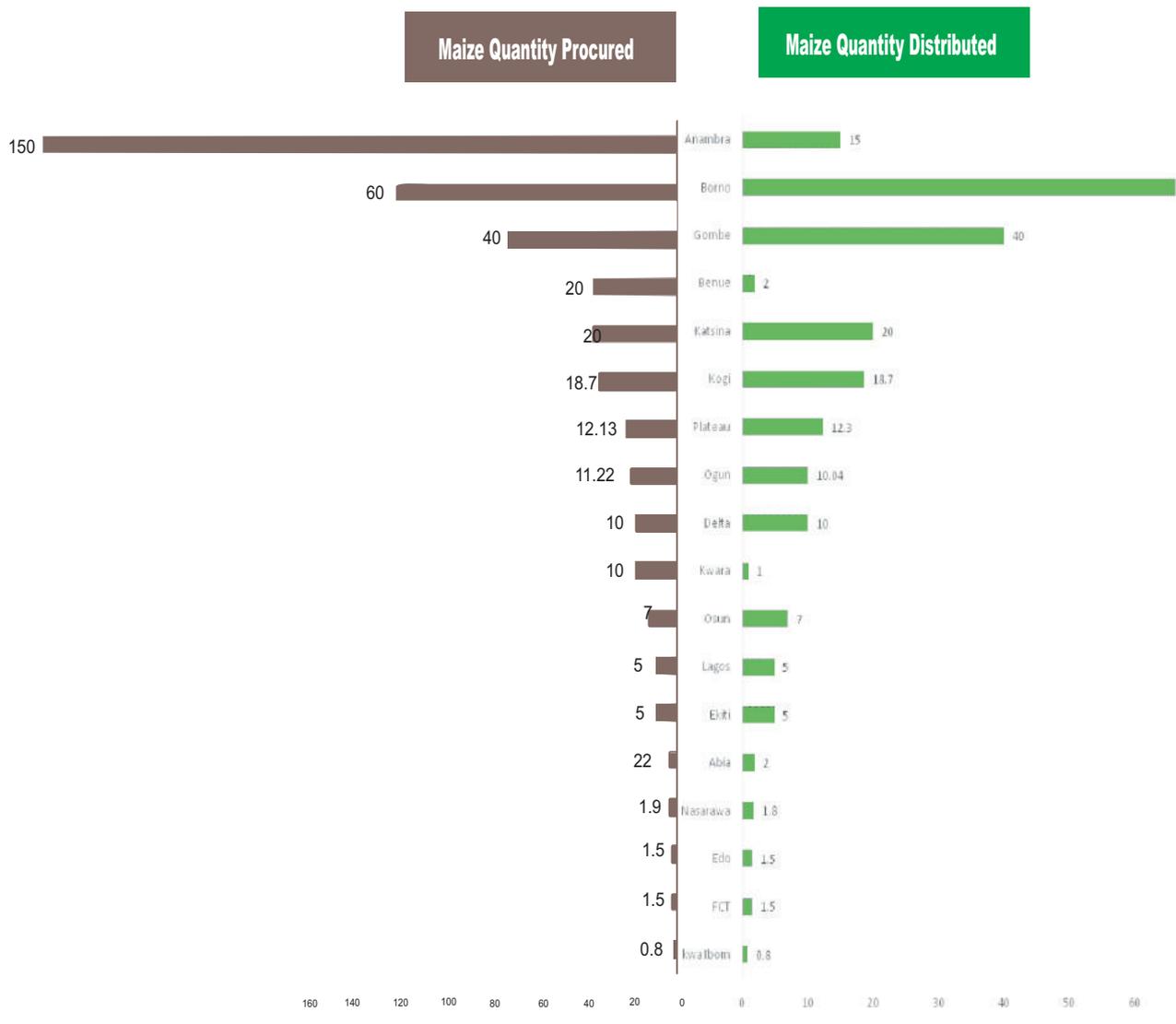


Cassava Commodity Price



3.0 Seed Procurement and Distribution in 2017

Maize Seeds



Maize Production



Land Area (Hectare)



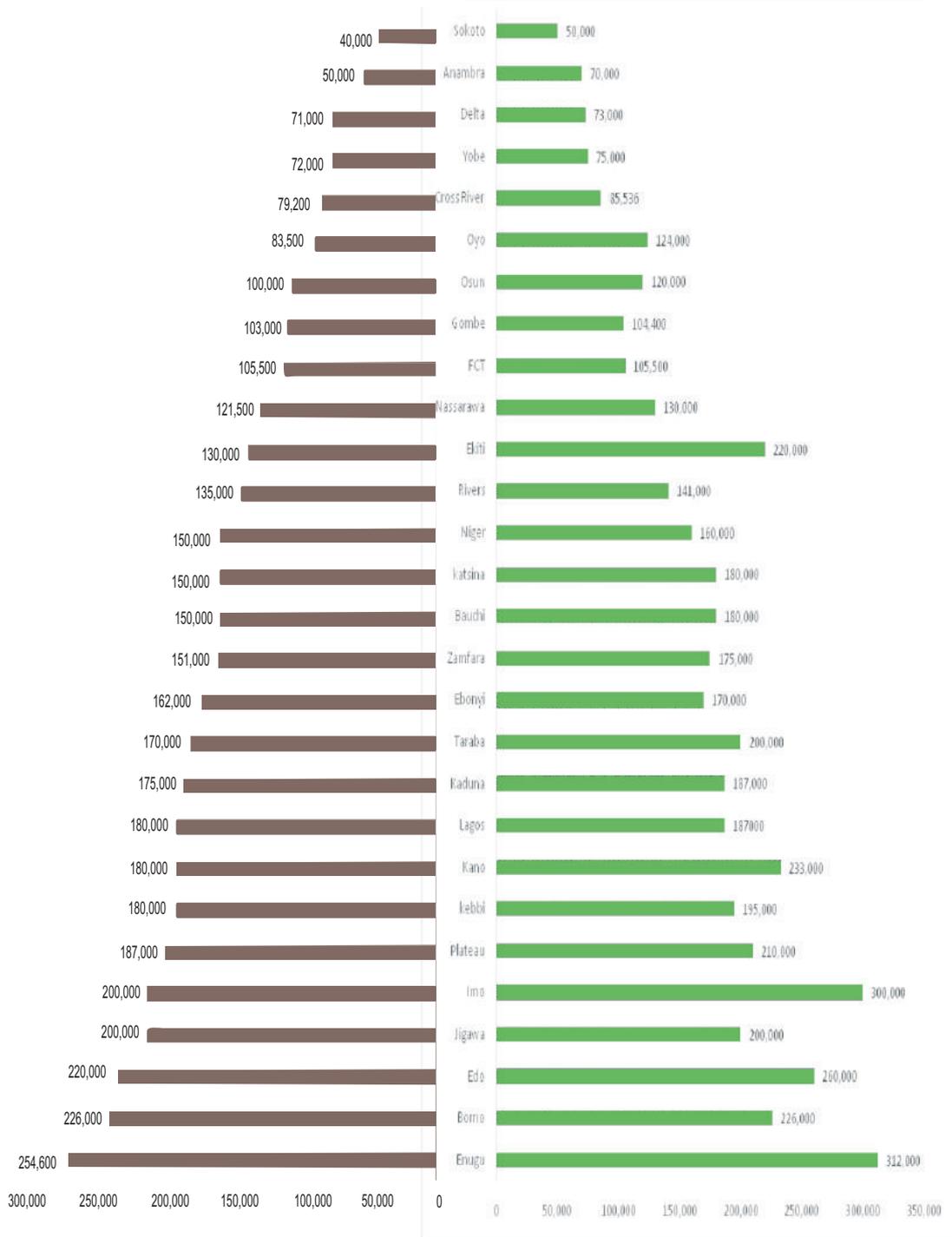
Production (Metric Ton)



Cost of Maize Production

**Cost of Maize Production in 2016
(Naira Per Hectare)**

**Cost of Maize Production in 2017
(Naira Per Hectare)**

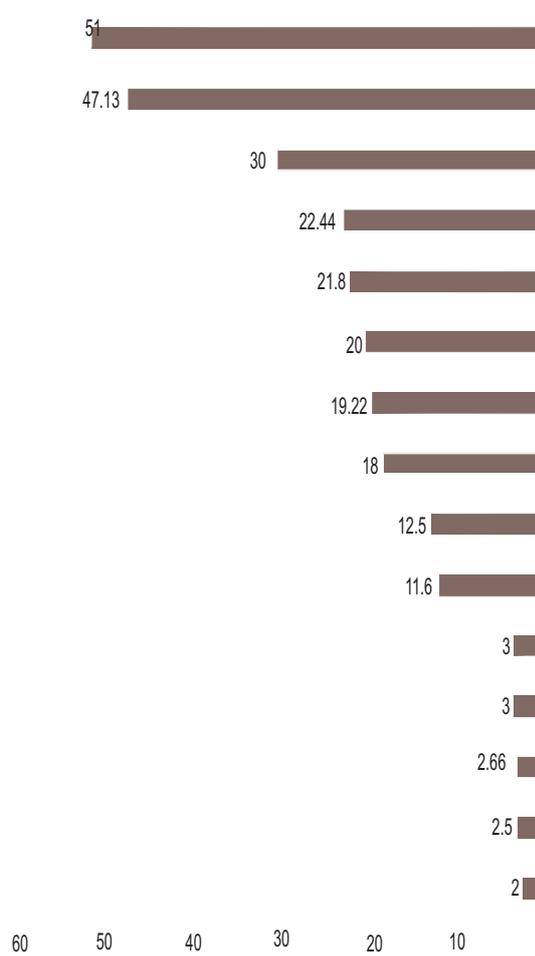


4.0 Seed Procurement and Distribution in 2017

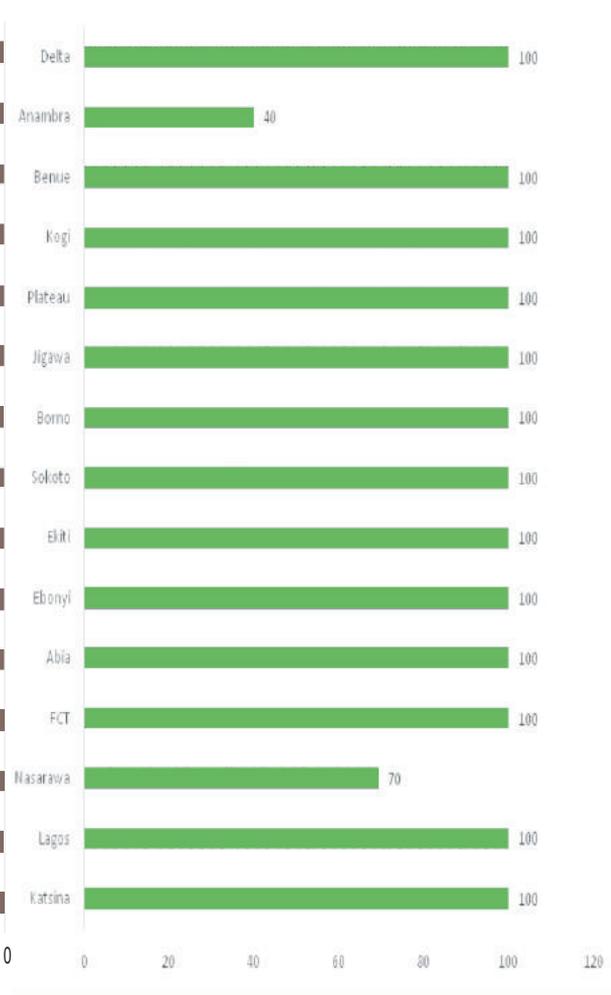
Rice



Rice Quantity Procured in (MT)



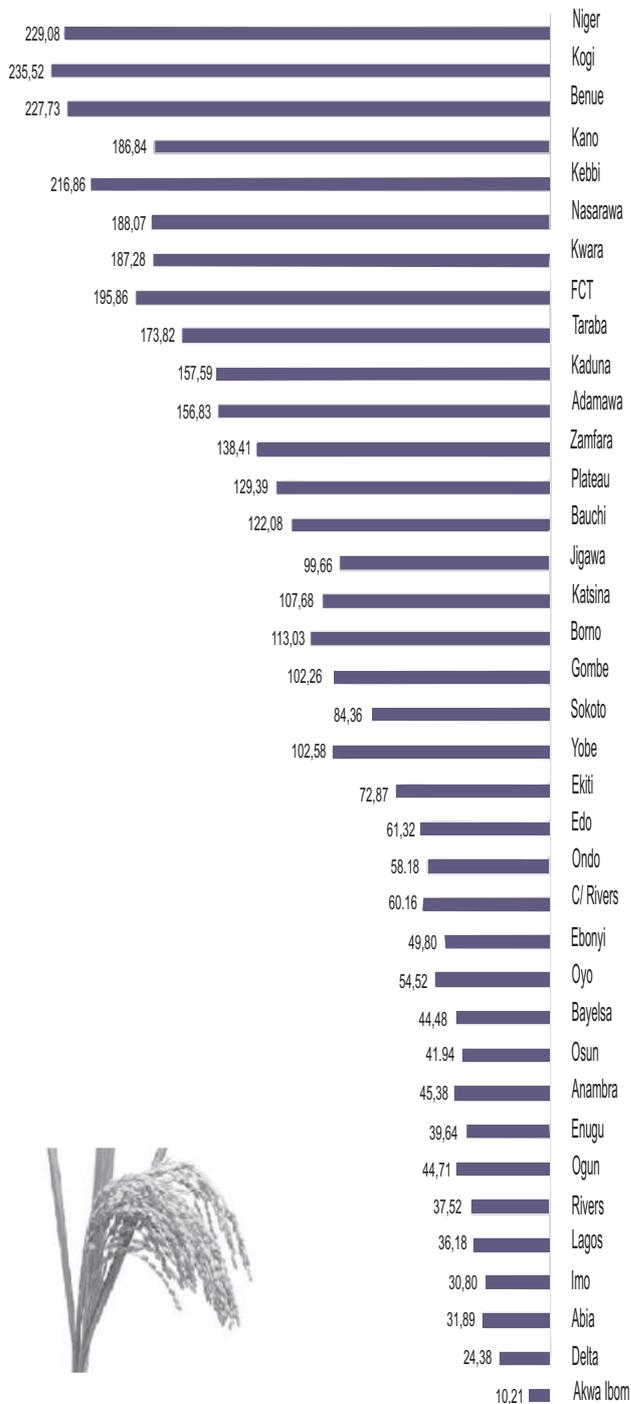
Rice Quantity Distributed in %



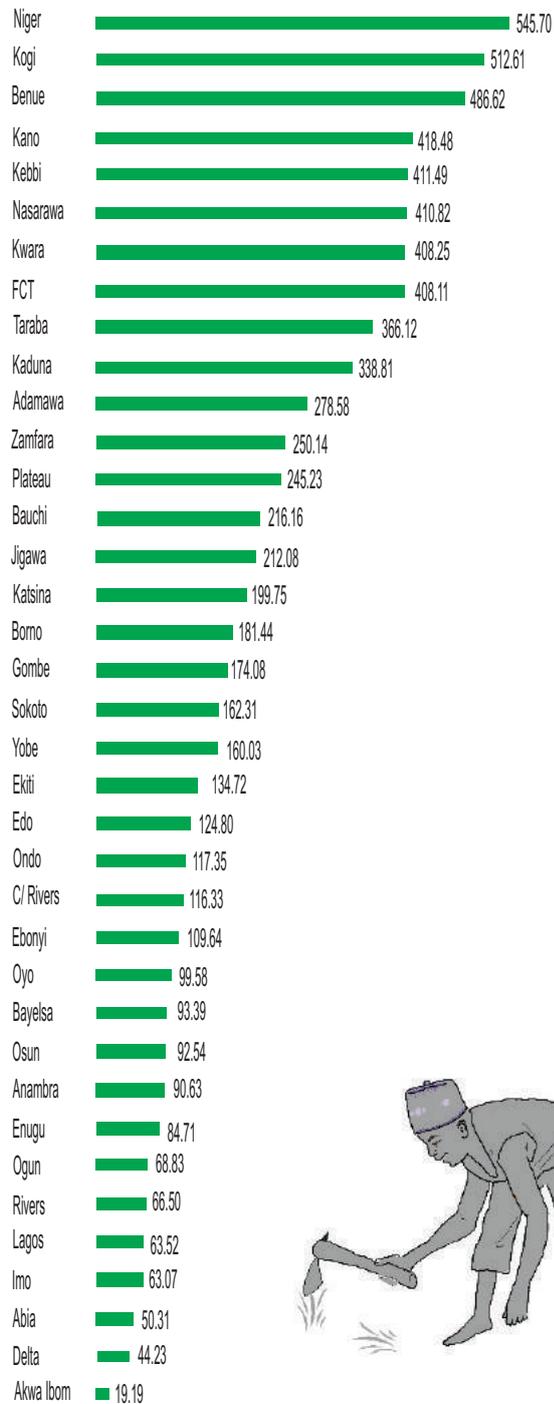
Rice Production



Land Area (Hectare)



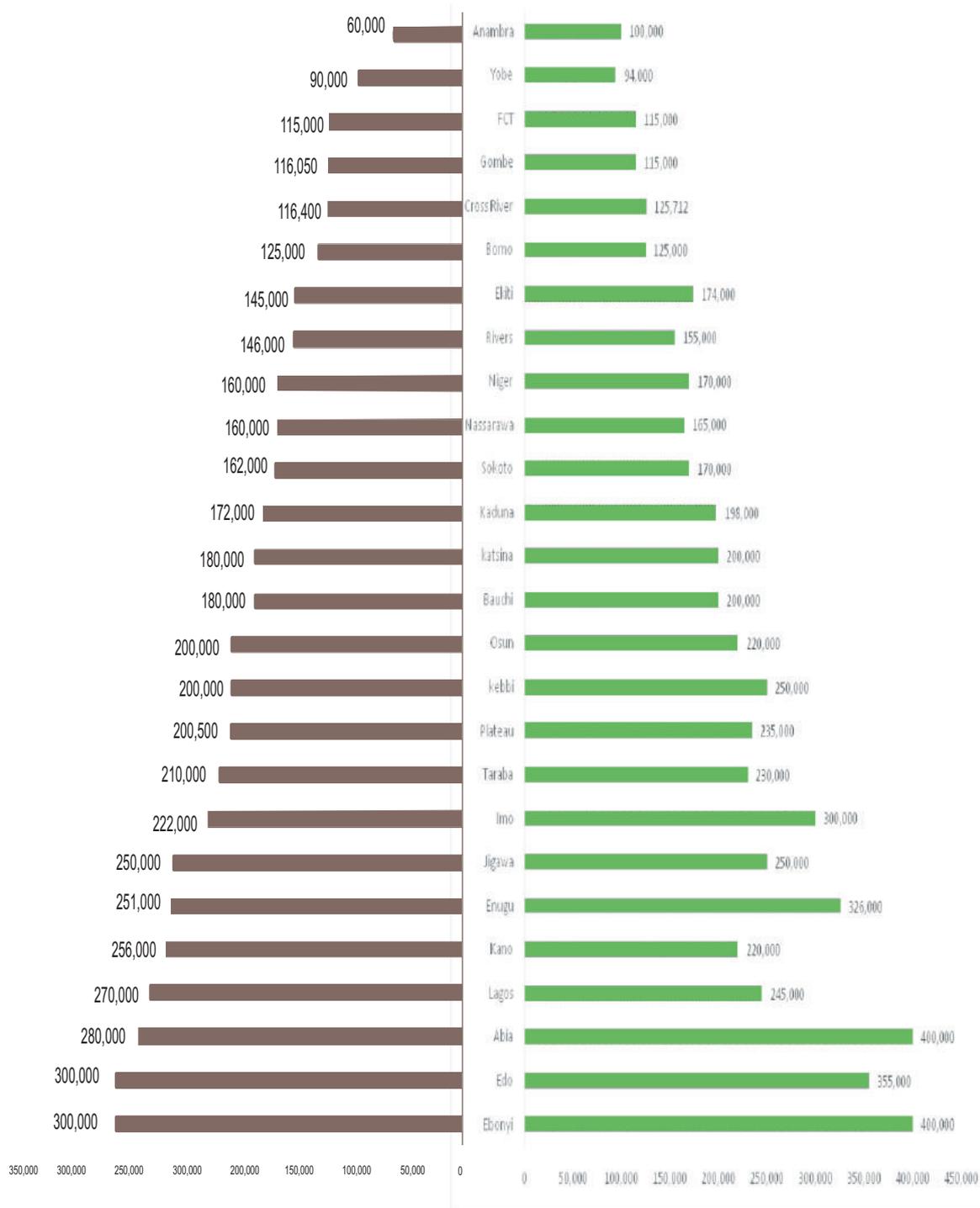
Production in Metric Ton



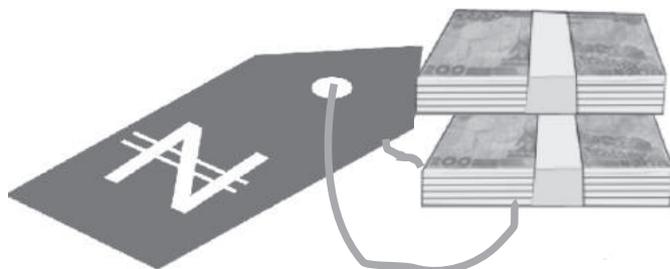
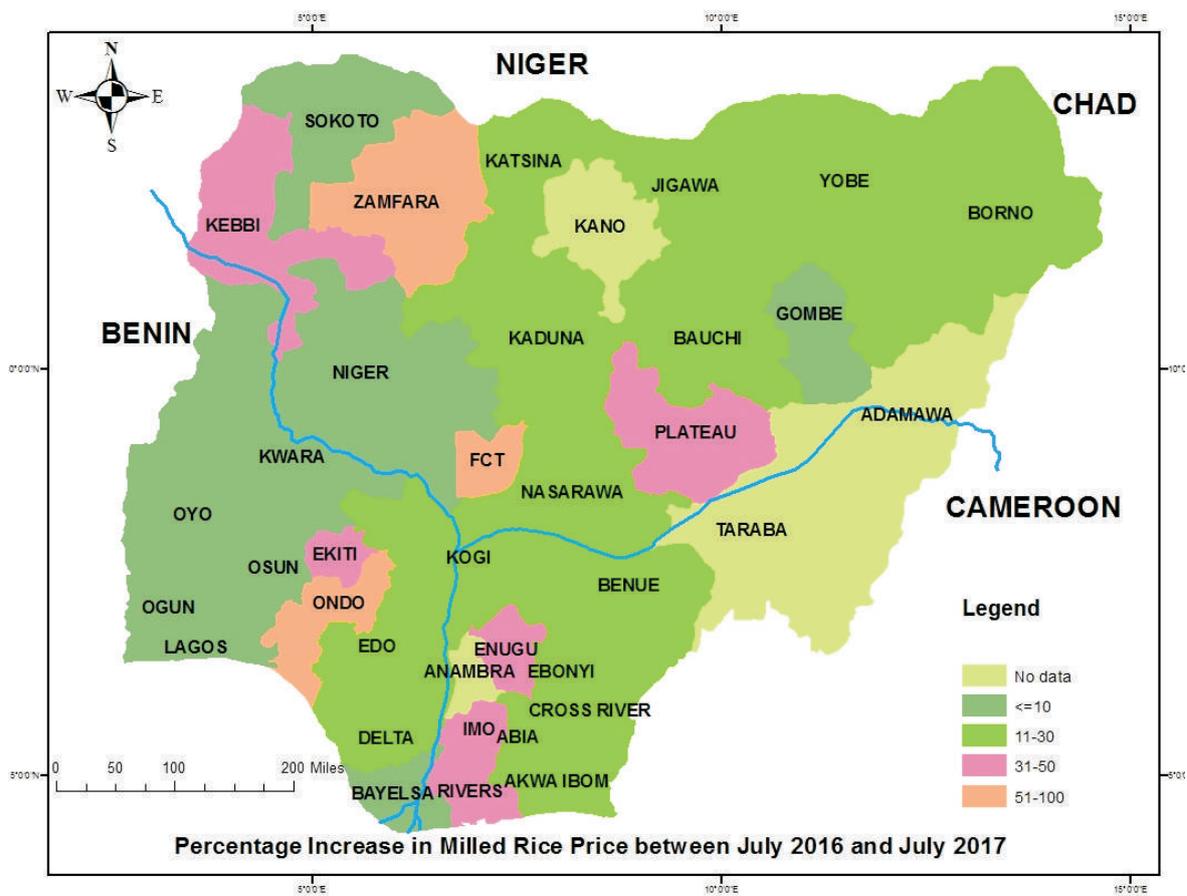
Cost of Rice Production

**Cost of Rice Production in 2016
(Naira Per Hectare)**

**Cost of Rice Production in 2017
(Naira Per Hectare)**



Rice Commodity Price



5.0 Seed Procurement and Distribution in 2017

Soybean

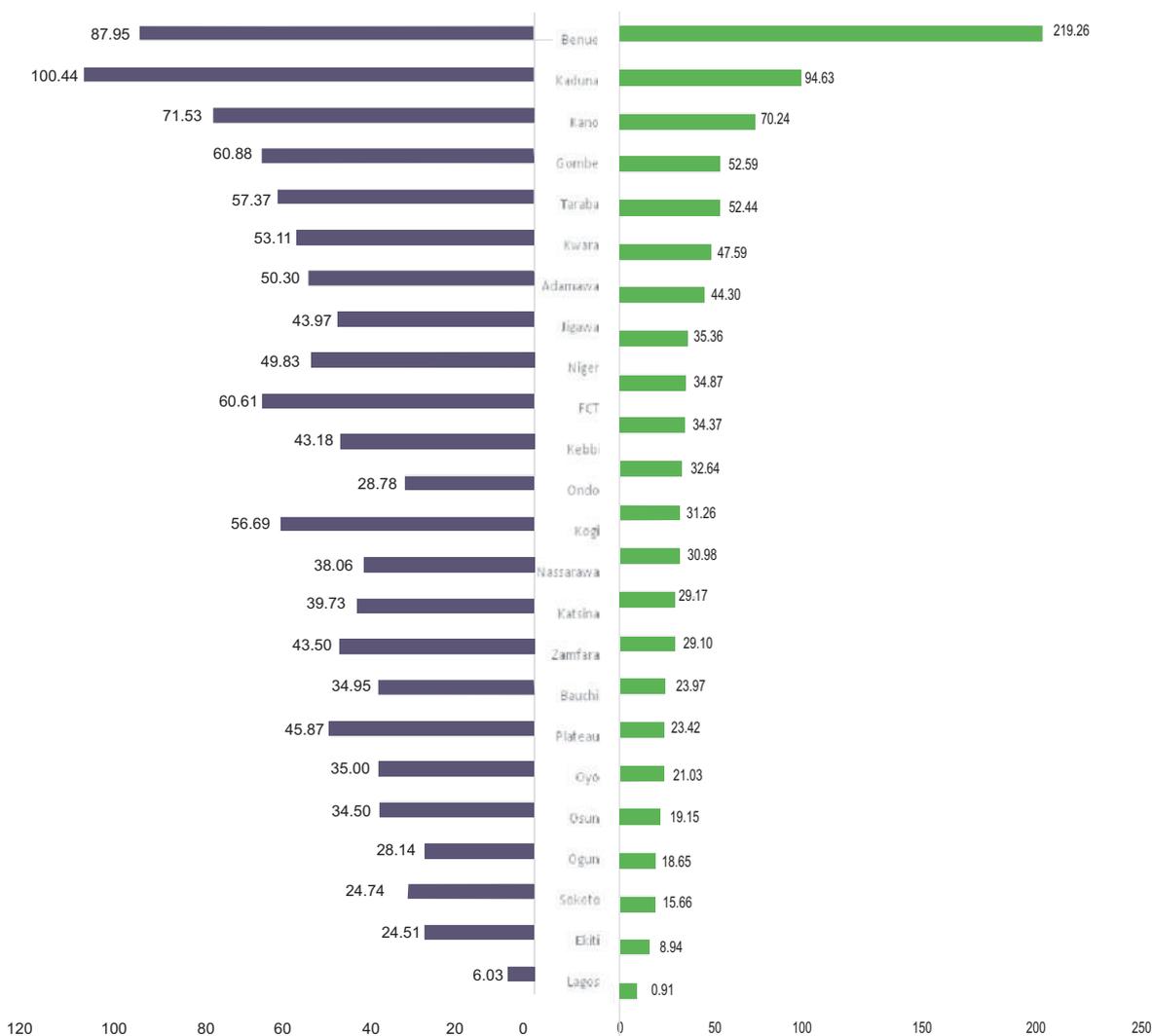


Soybean Production

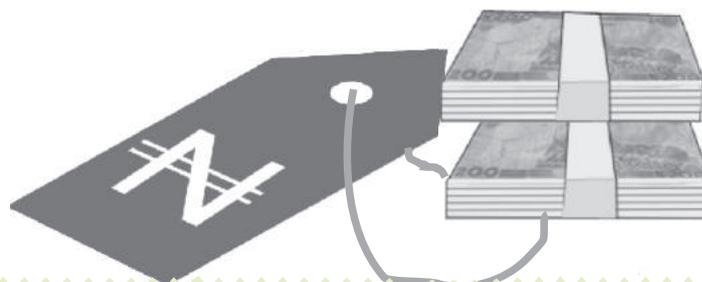
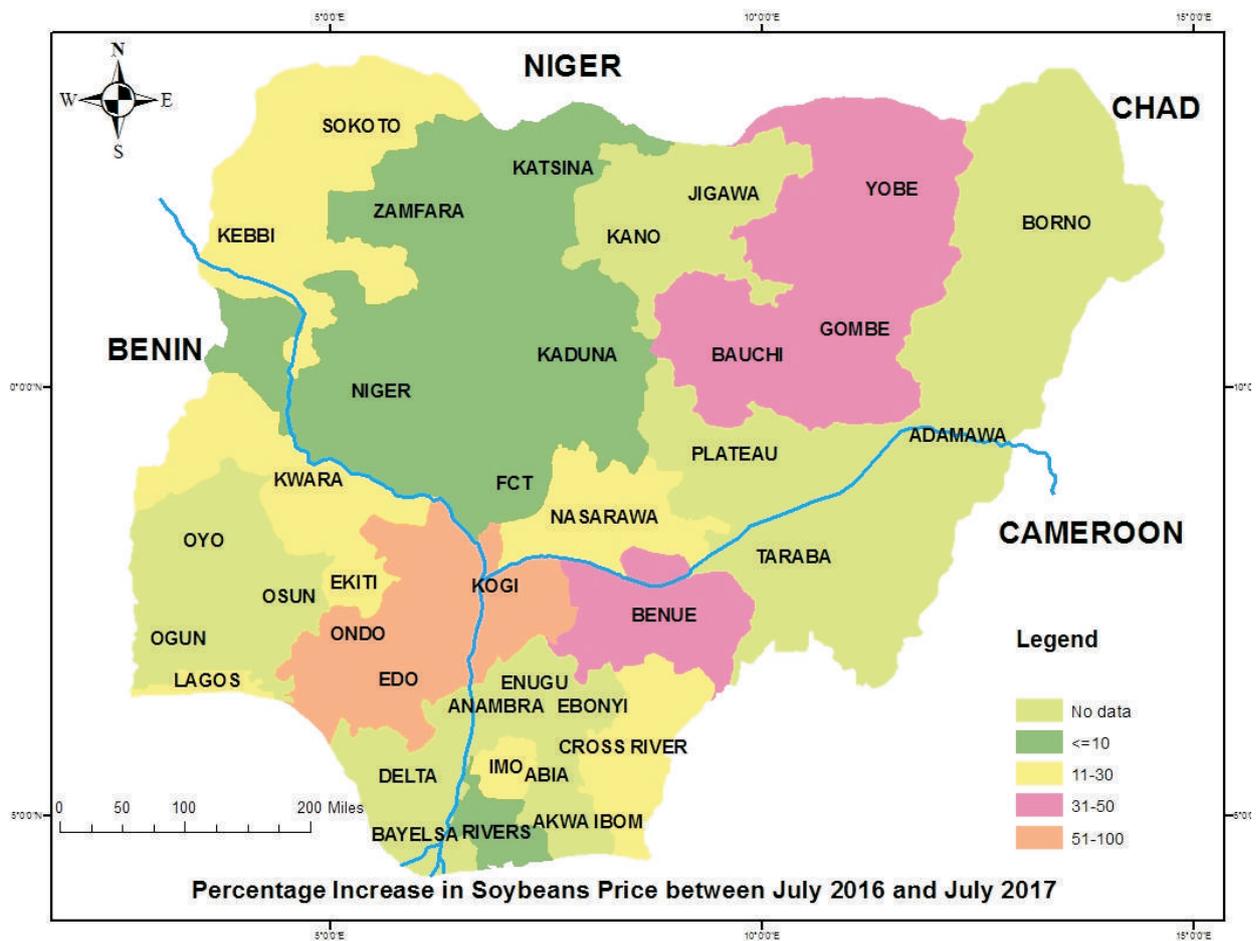


Land Area (Hectare)

Production (Metric Ton)



Soybean Commodity Price



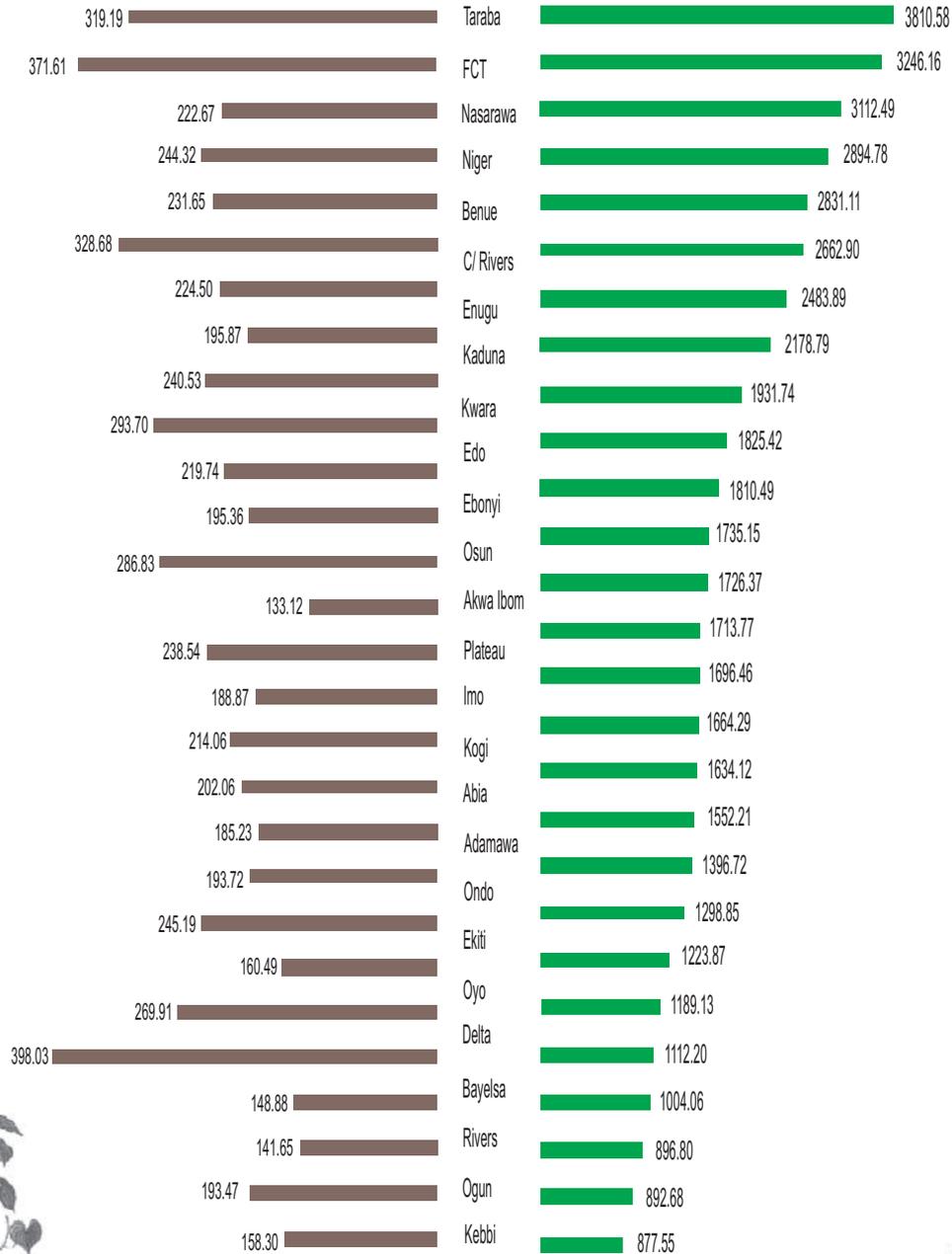
6.0 YAM

Yam Production

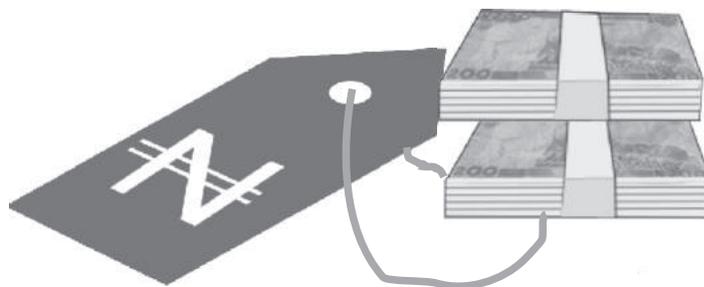
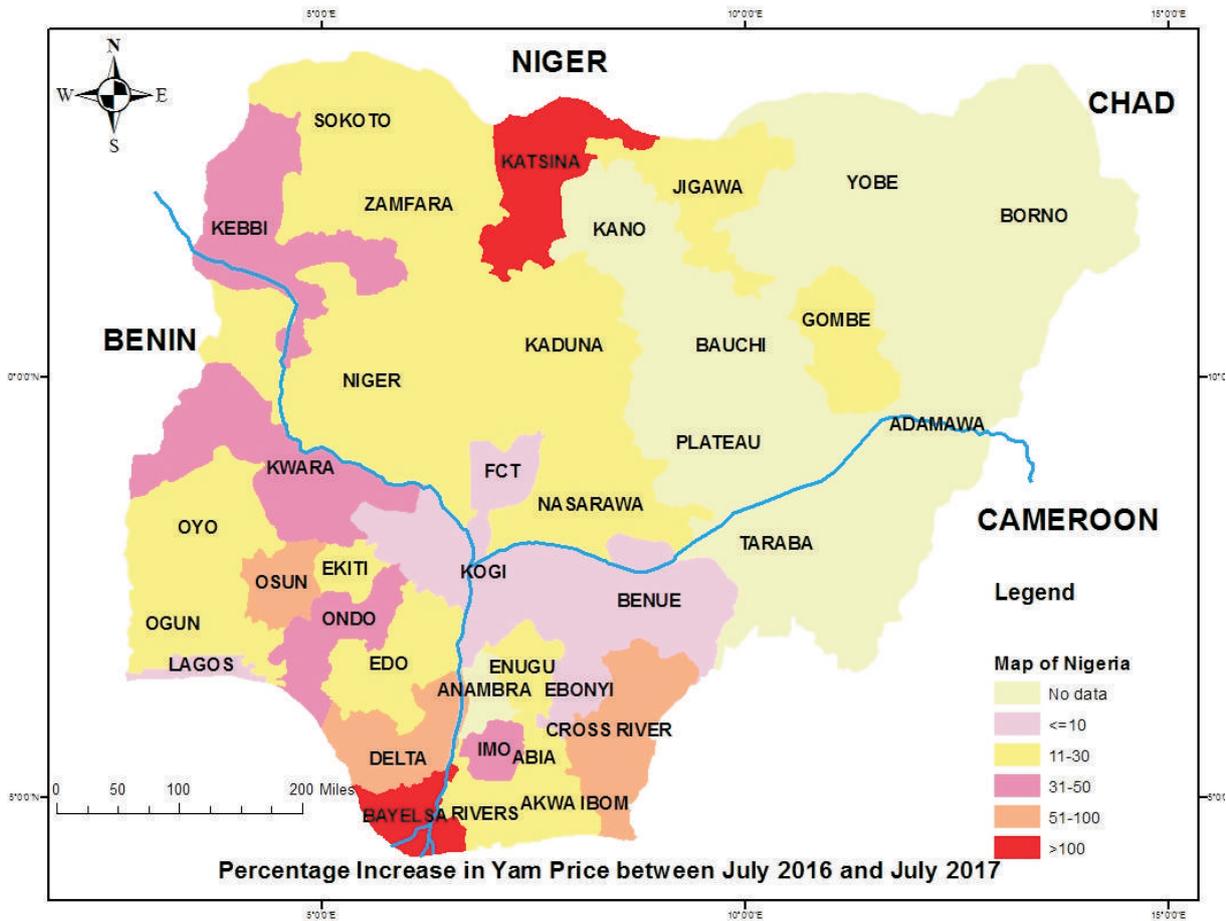


Land Area (Hectare)

Production (Metric Ton)



Yam Commodity Price



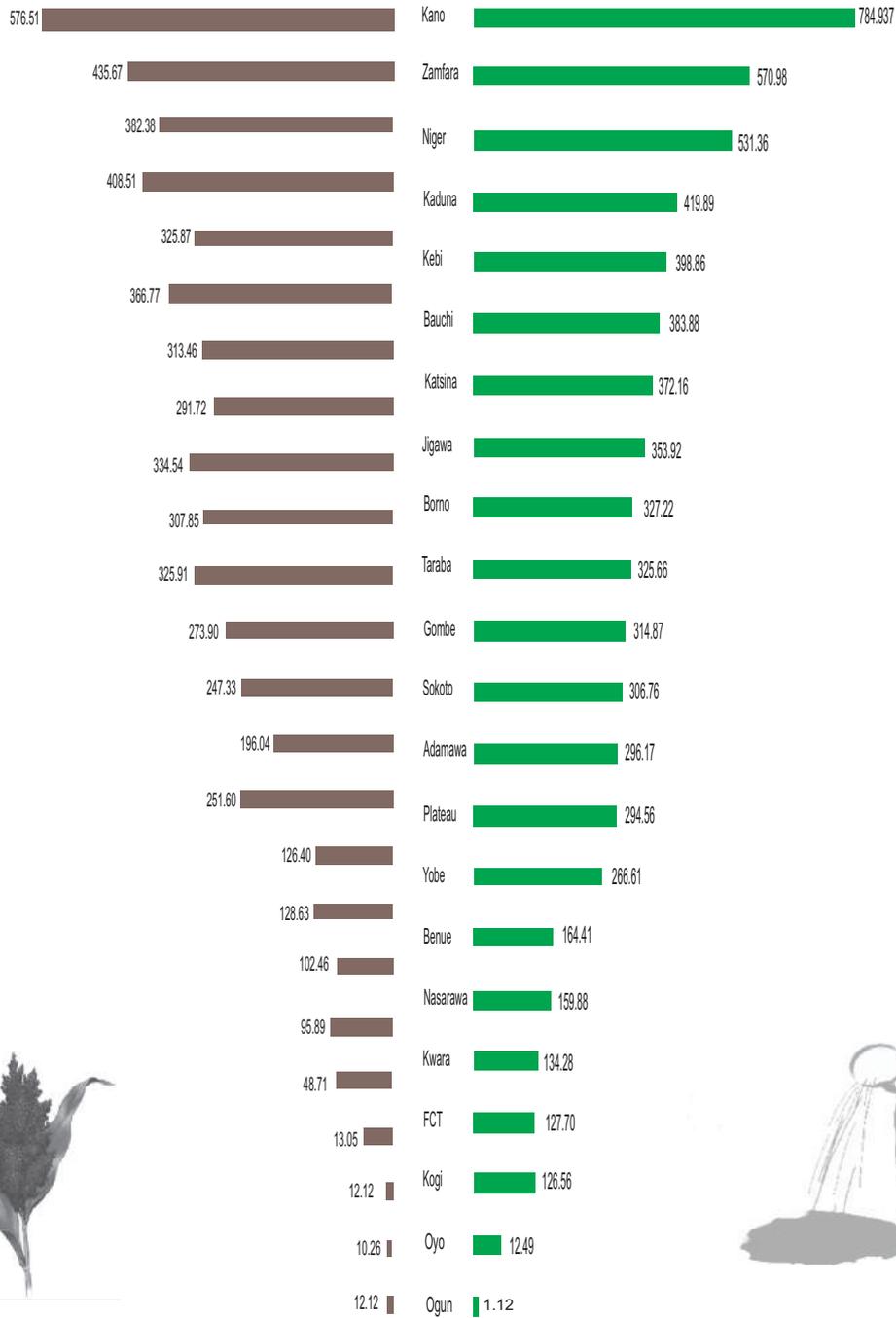
7.0 SORGHUM

Sorghum Production



Land Area (Hectare)

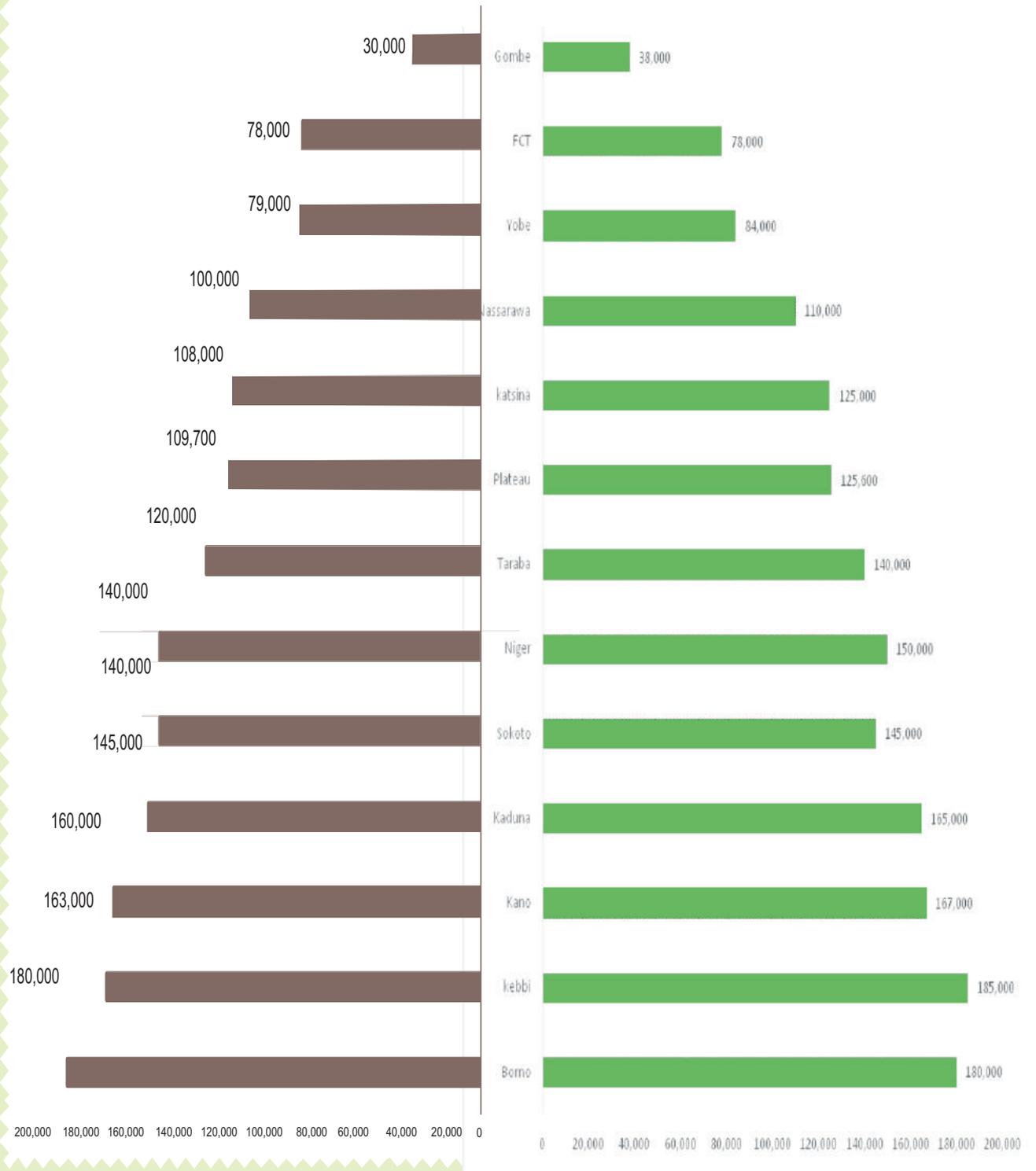
Production (Metric Ton)



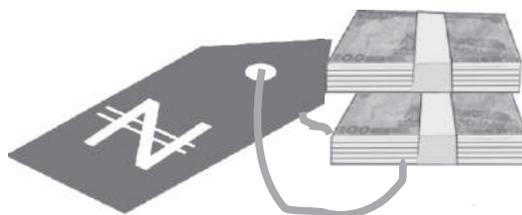
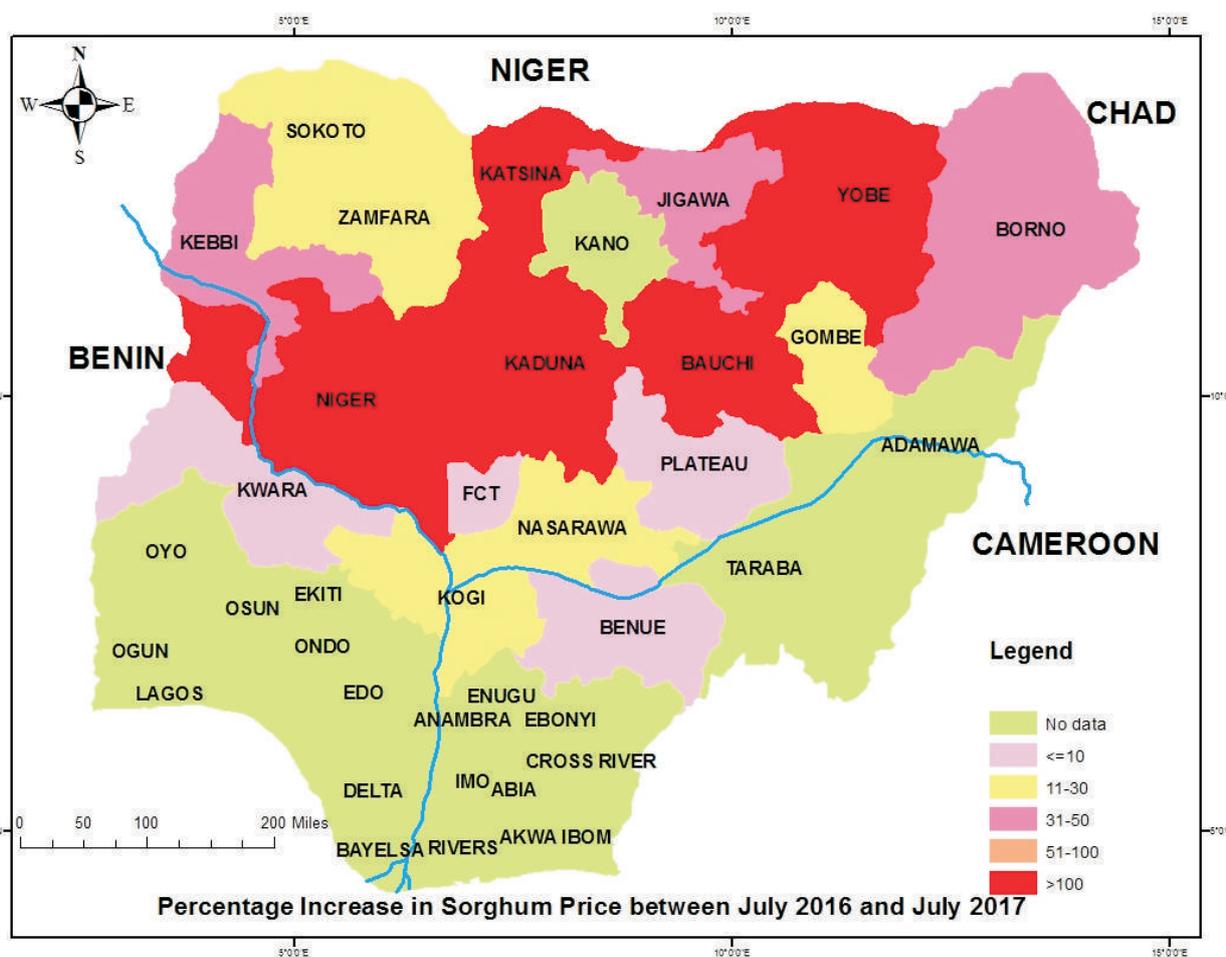
Cost of Sorghum Production

**Cost of Sorghum Production in 2017
(Naira Per Hectare)**

**Cost of Sorghum Production in 2018
(Naira Per Hectare)**



Sorghum Commodity Price



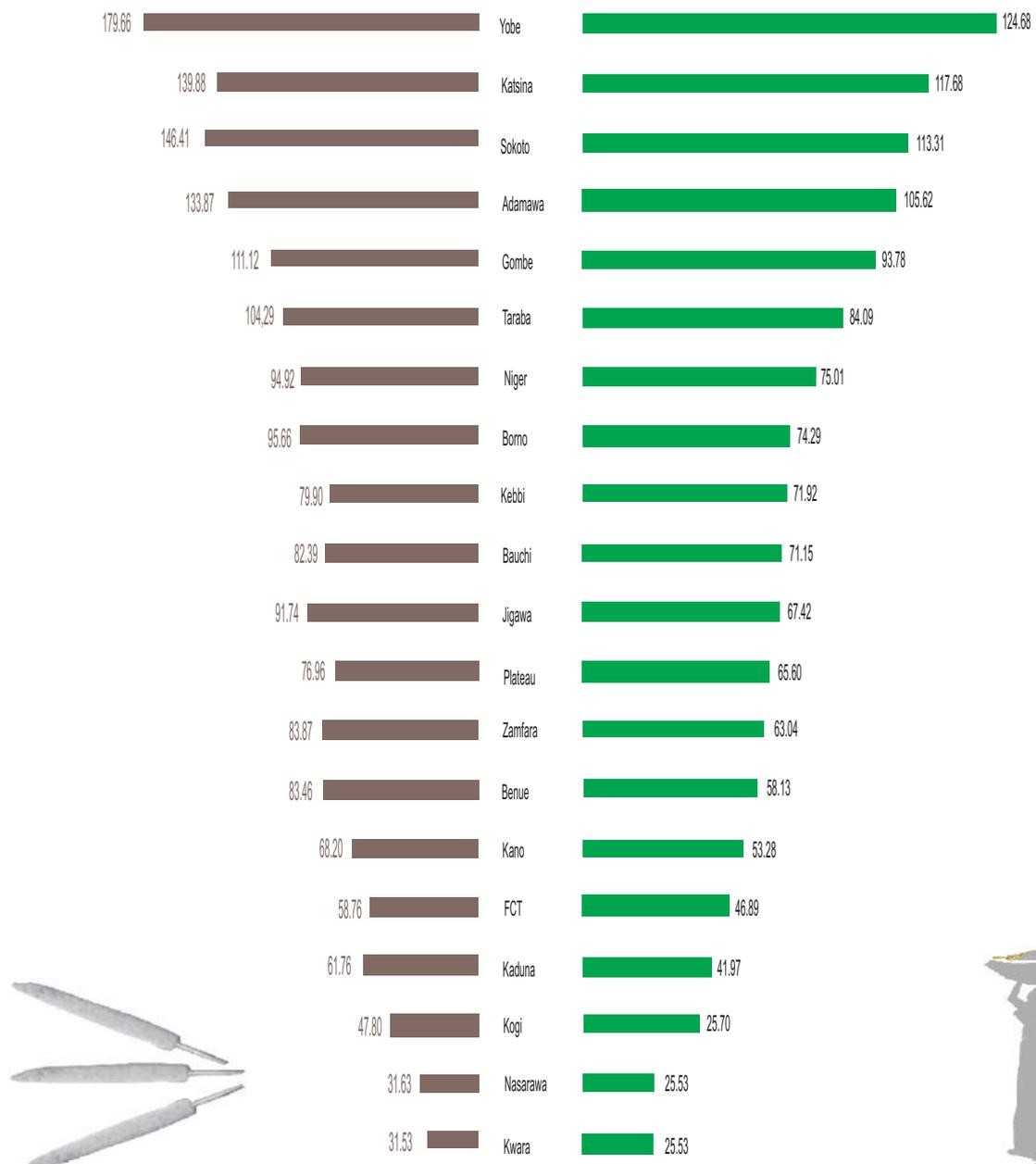
8.0 MILLET

Millet Production



Land Area (Hectare)

Production (Metric Ton)



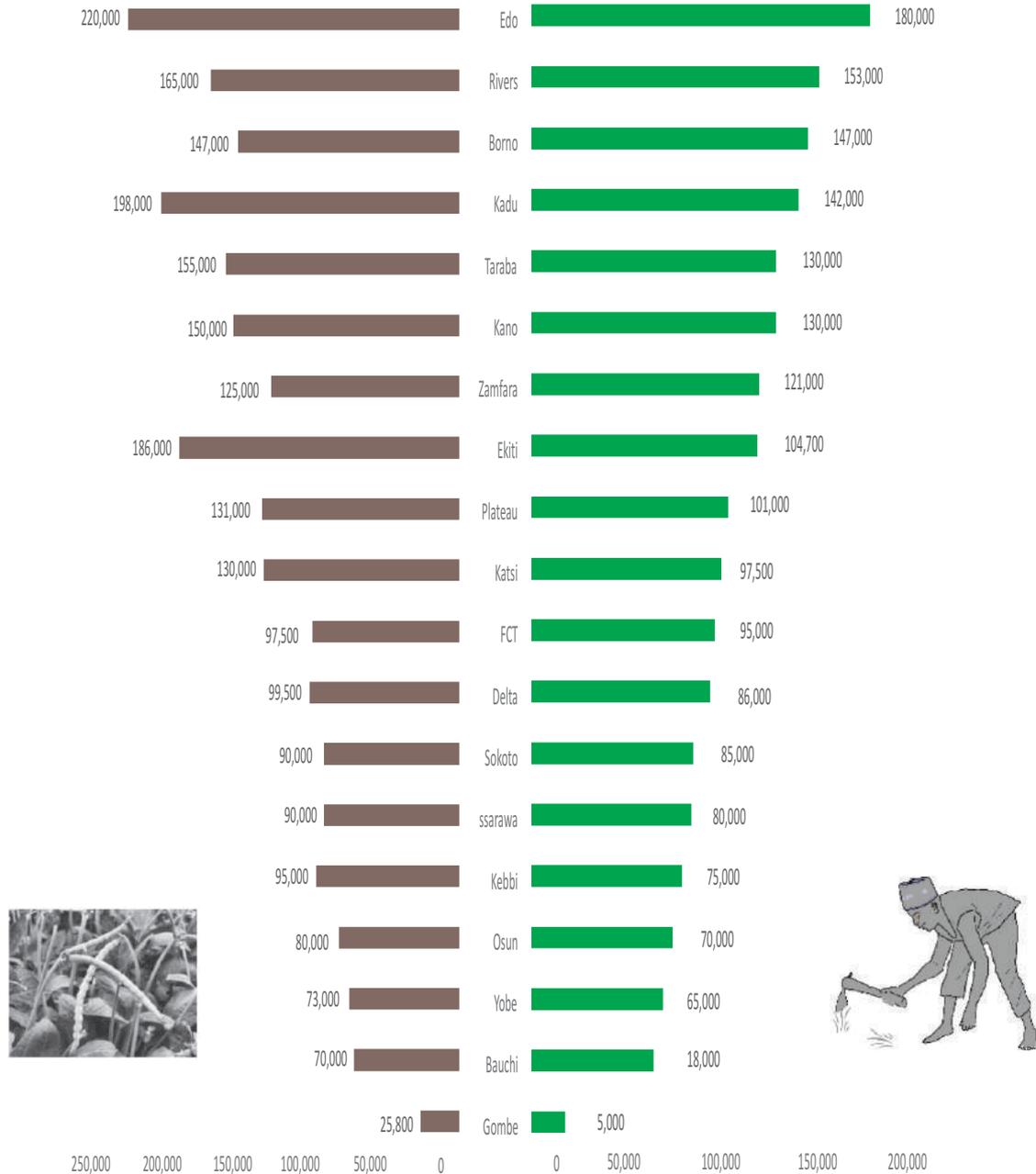
9.0 COWPEA

Cowpea Production



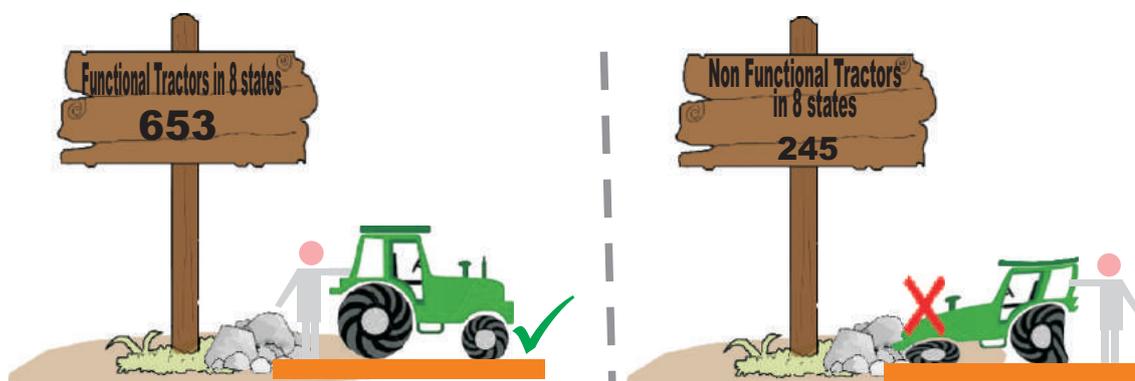
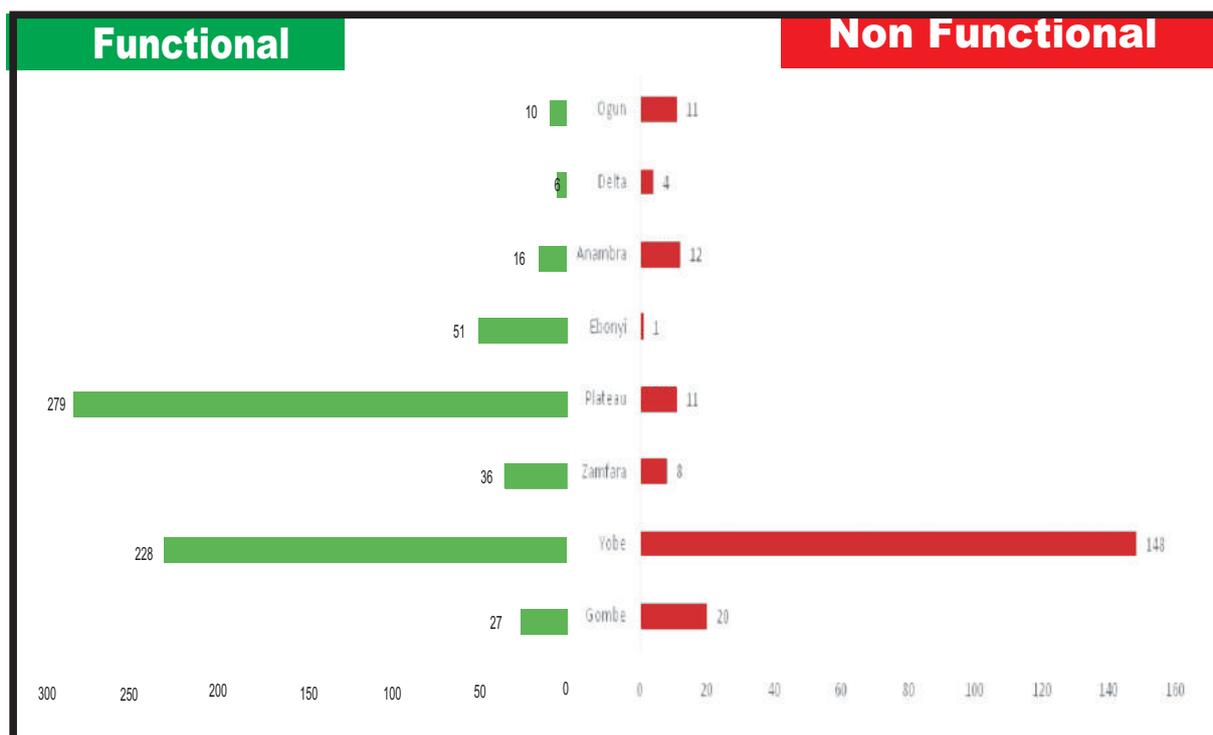
Land Area (Hectare)

Production (Metric Ton)

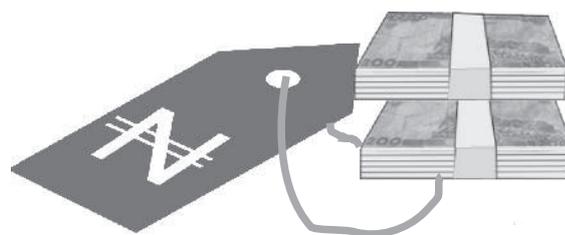
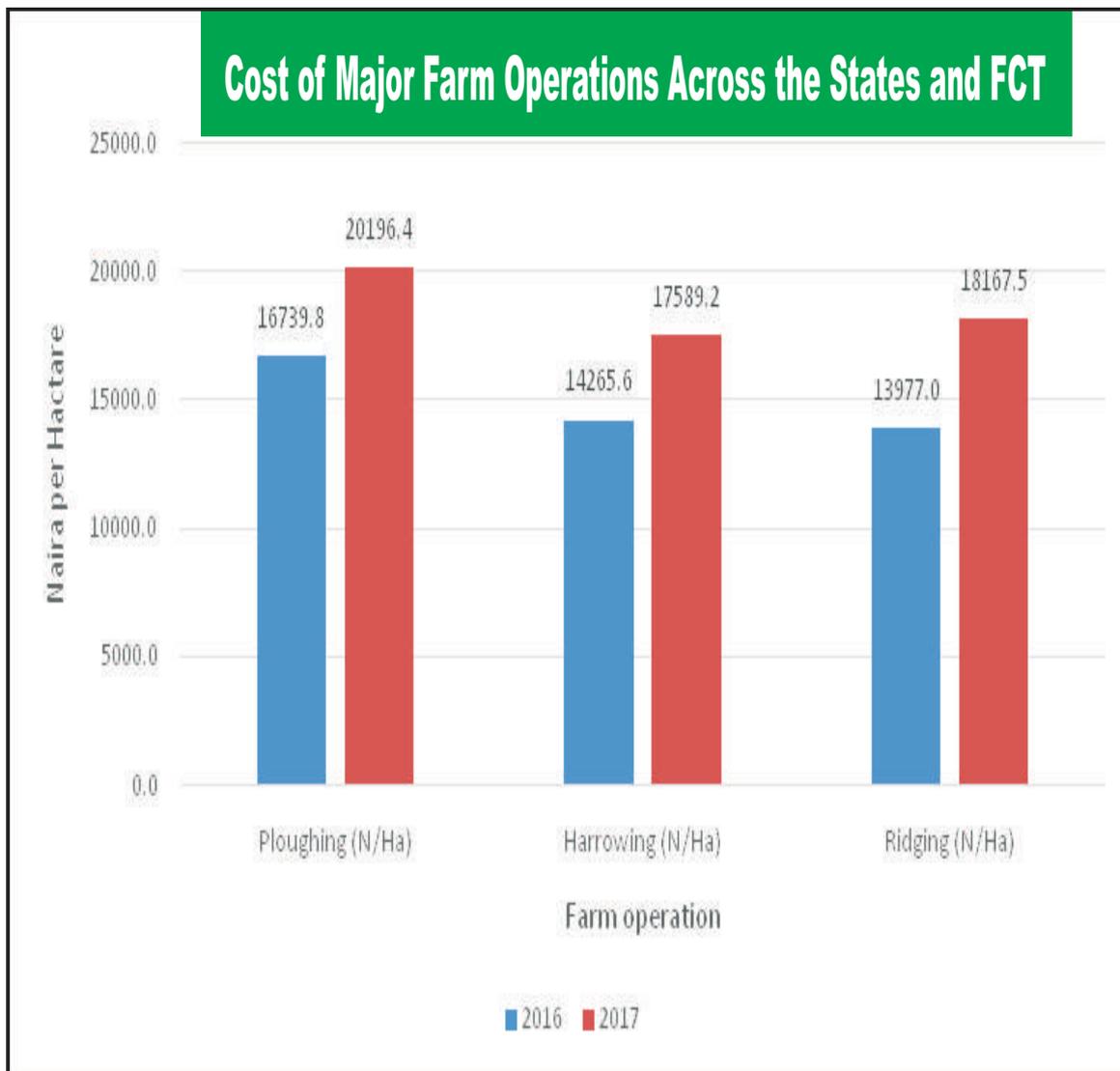


10.0 Agricultural Mechanisation

Status of Government Owned Tractors



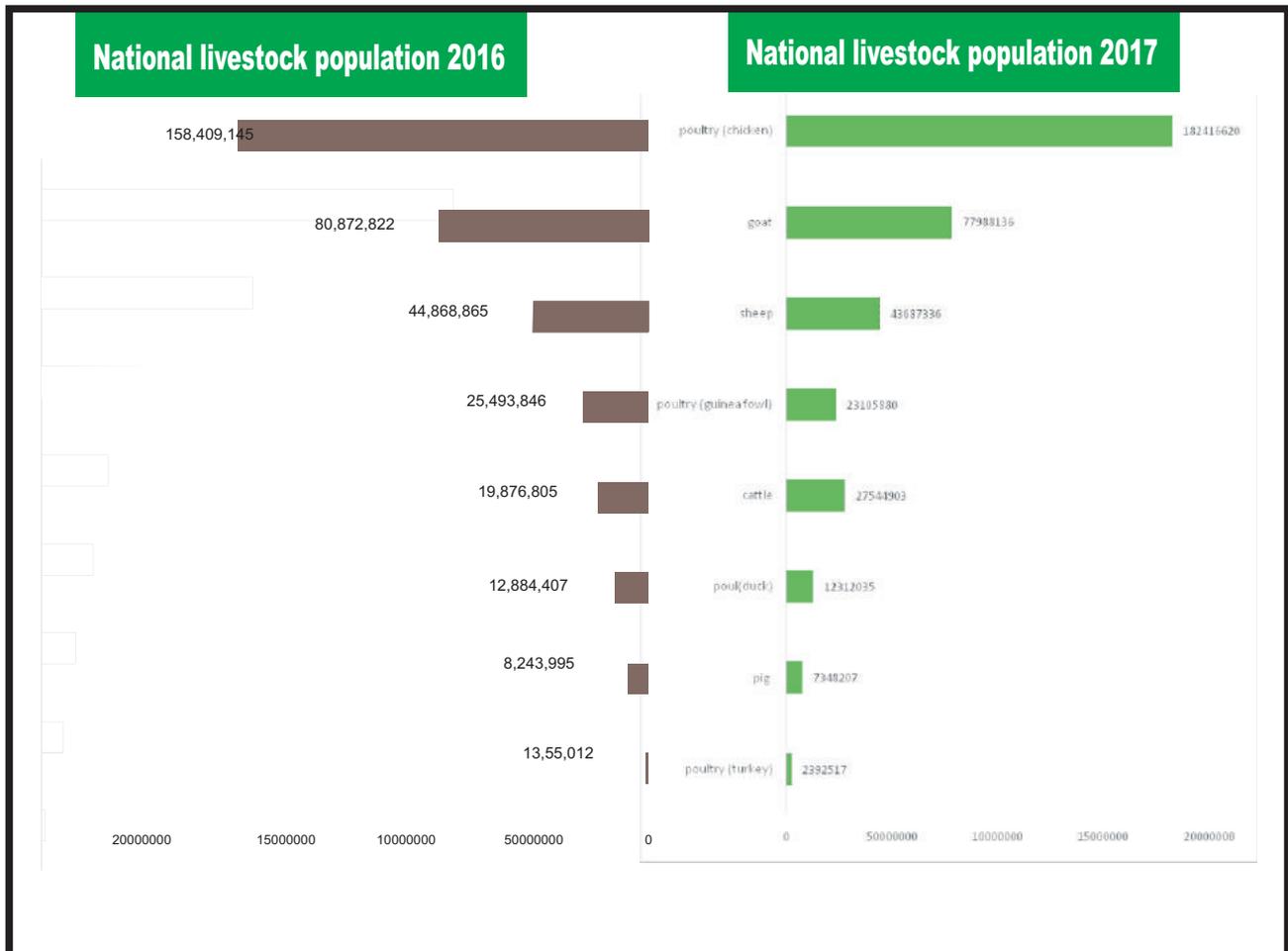
11.0 Average Cost of Major Farm Operations Across the States



12.0 Livestock and Fisheries



National Livestock Population 2016/2017



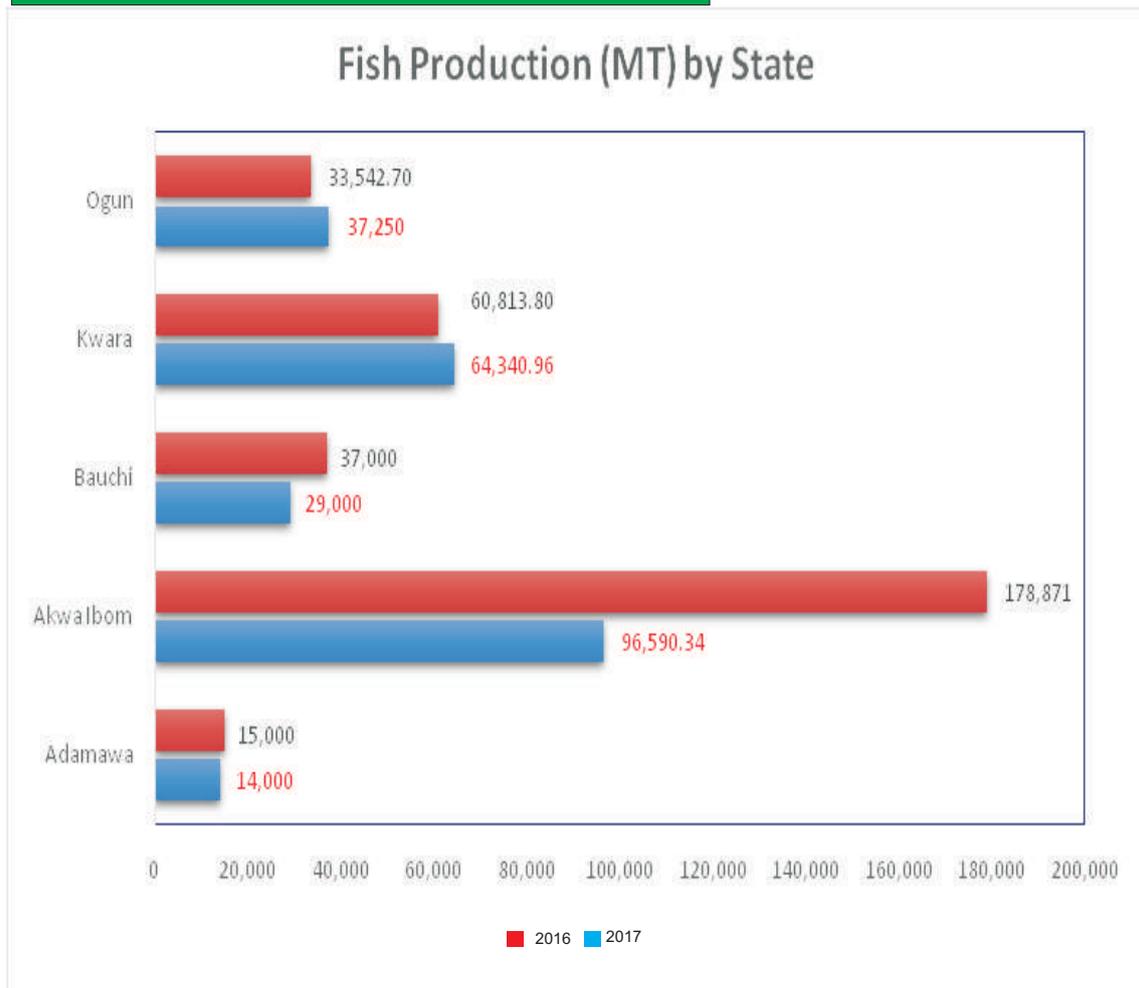
SOURCE: FDAPHS



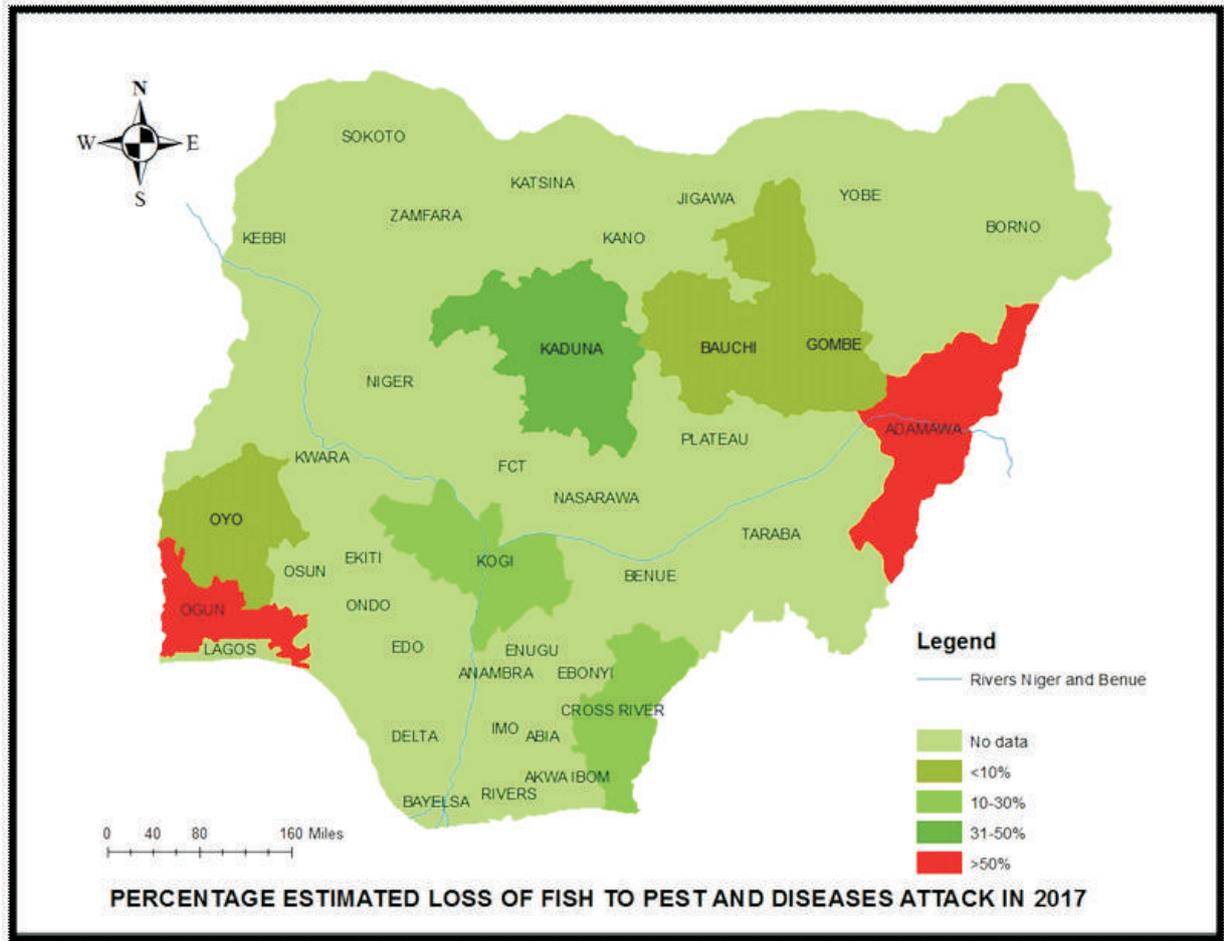
Aquaculture and Fisheries



Fish Production by states in 2016 and 2017

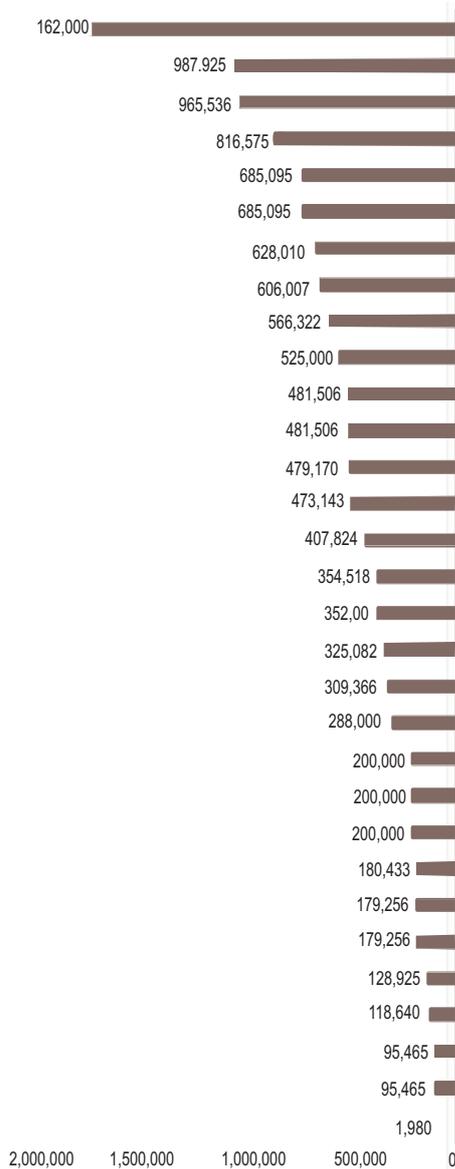


Percentage Estimated Loss of Fish to Pest and Diseases Attack in 2017

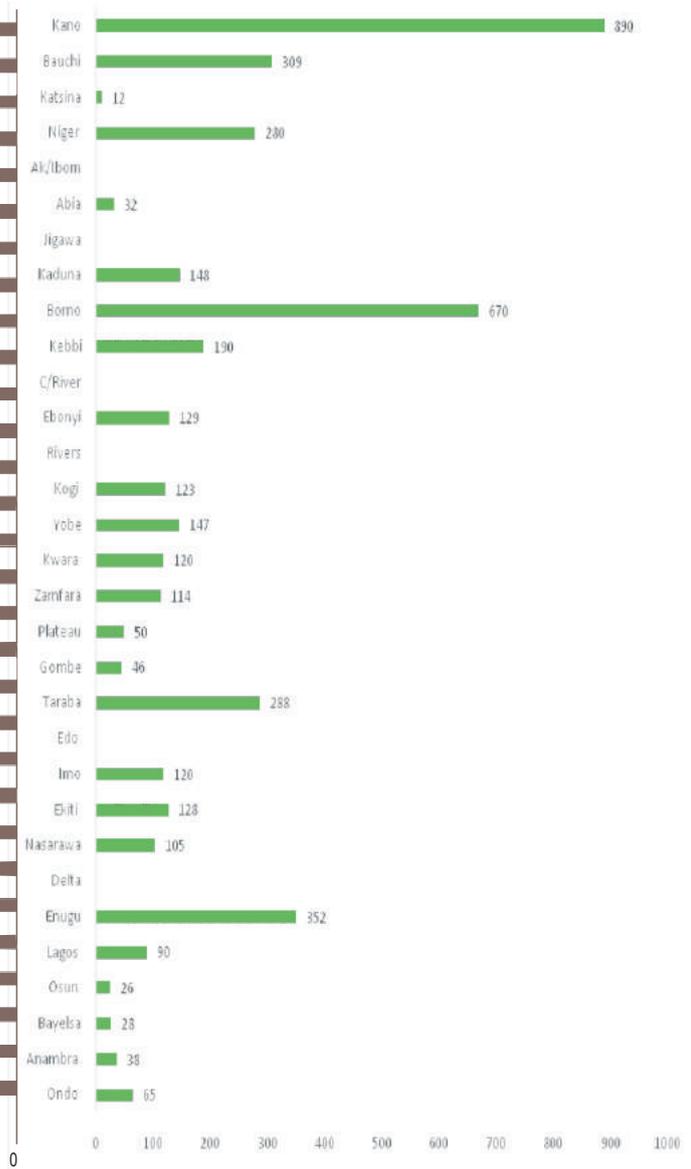


13.0 Agricultural Development Programme Extension Activities

**Farm Families 2017
in Thousand**



**Extension Agents 2017
in Hundred**

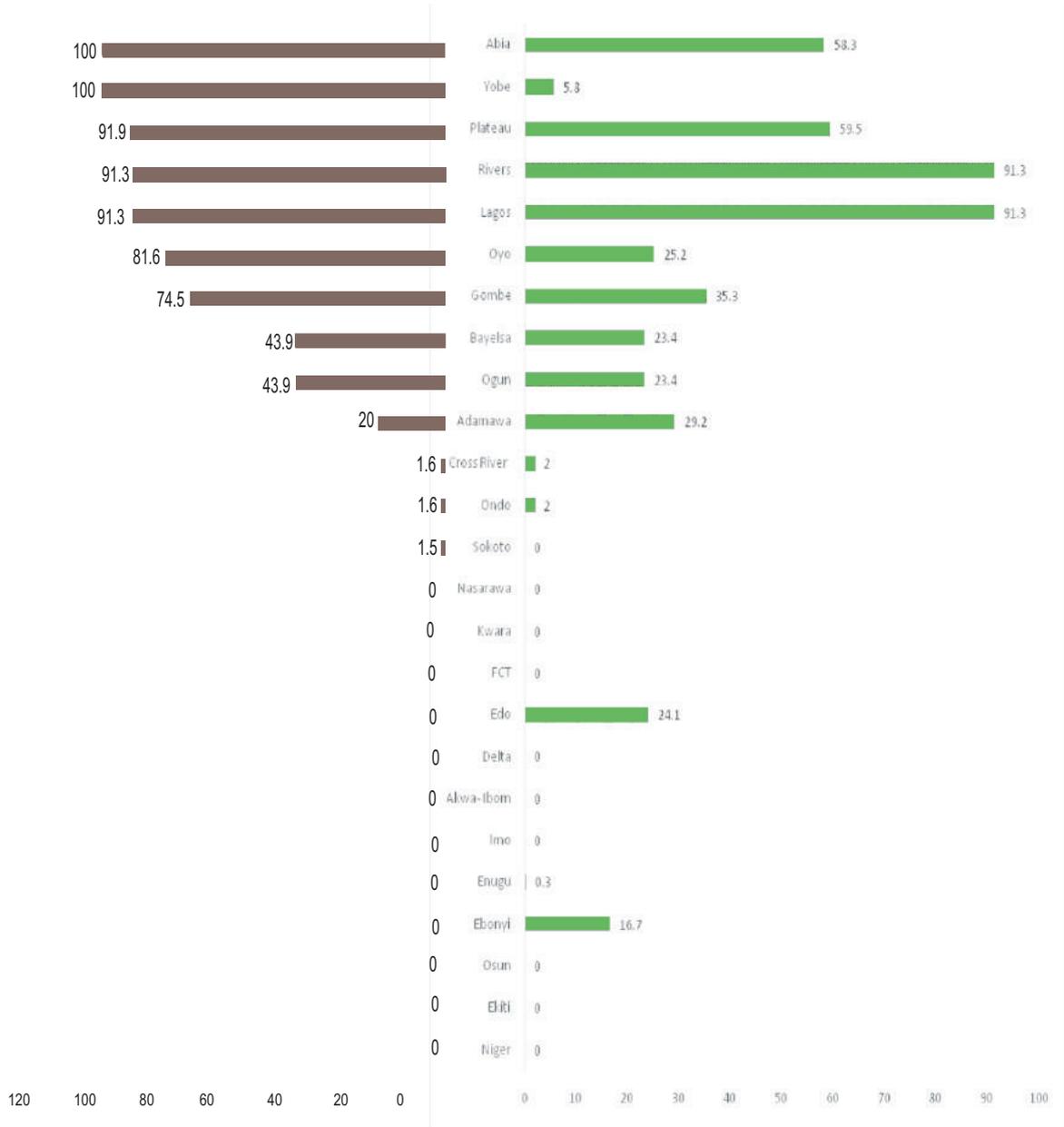


14.0 ADP Funding



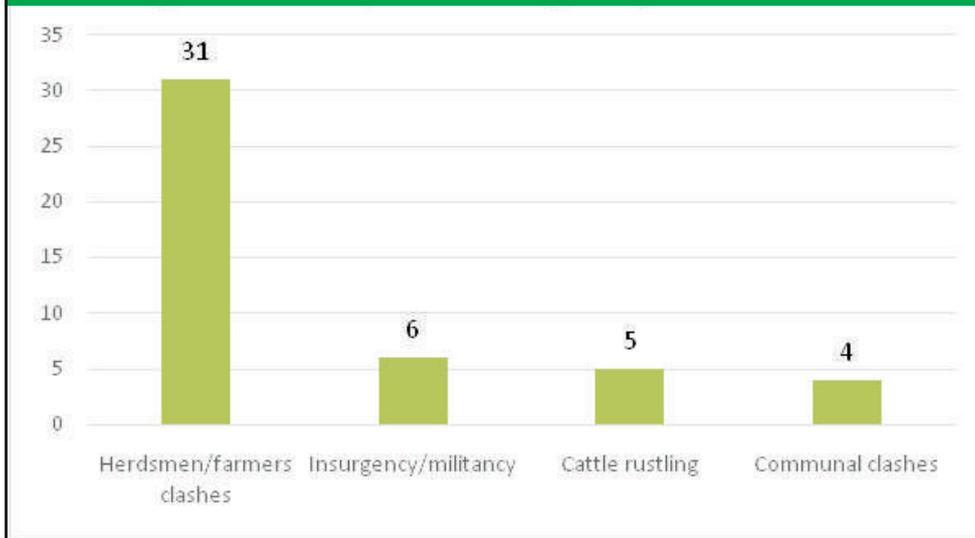
% Released in 2016

% Released in 2017

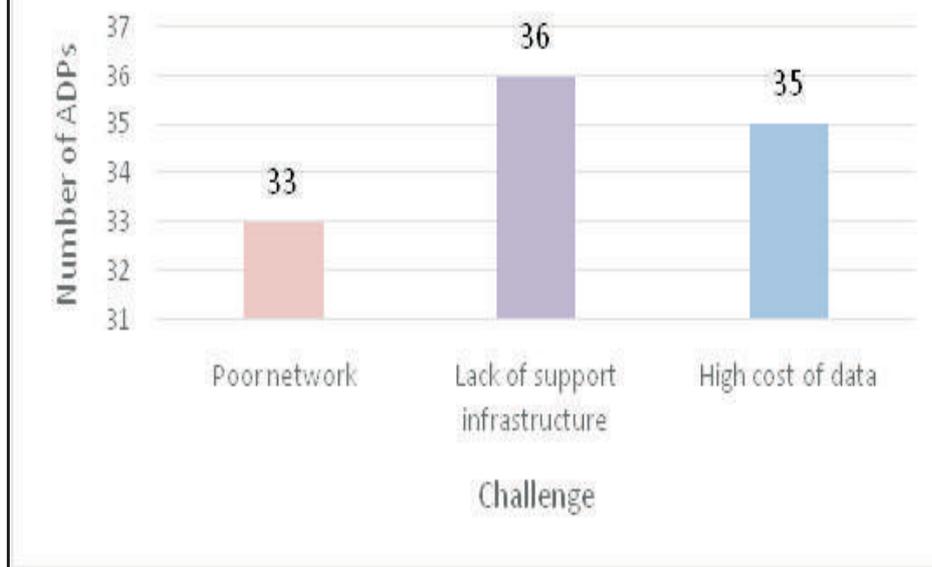


15.0 Major Constraints to Agricultural Production(Farmers Assessment)

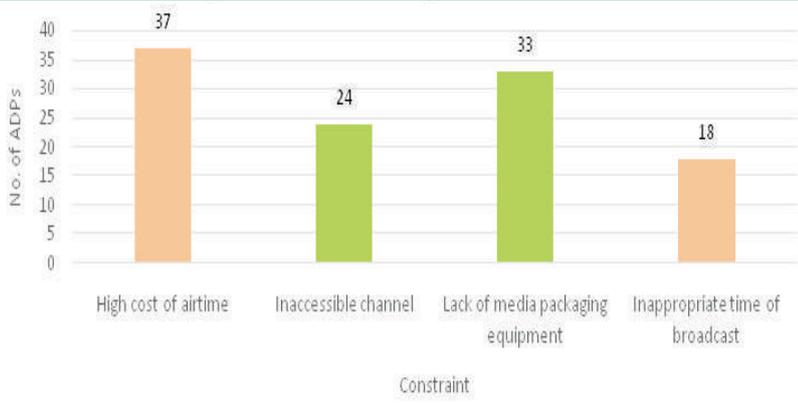
Security Challenges to Agricultural Activities



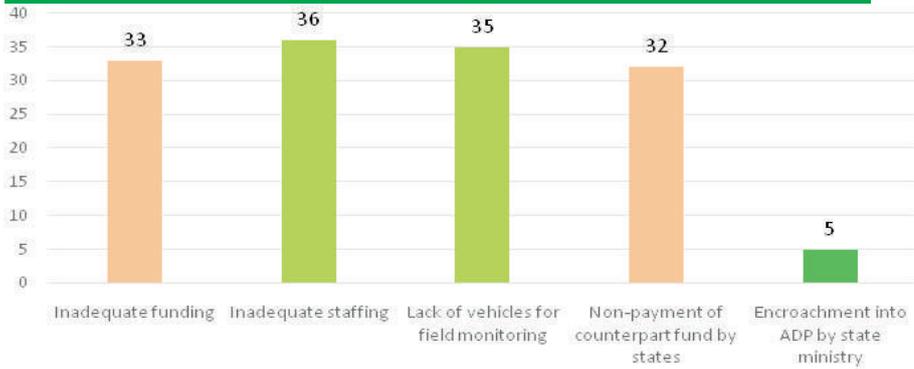
Constraints to e-extension



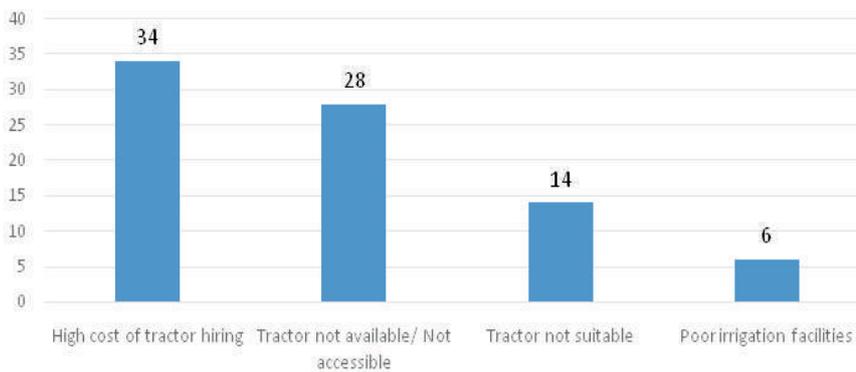
Constraints to Agricultural Broadcast

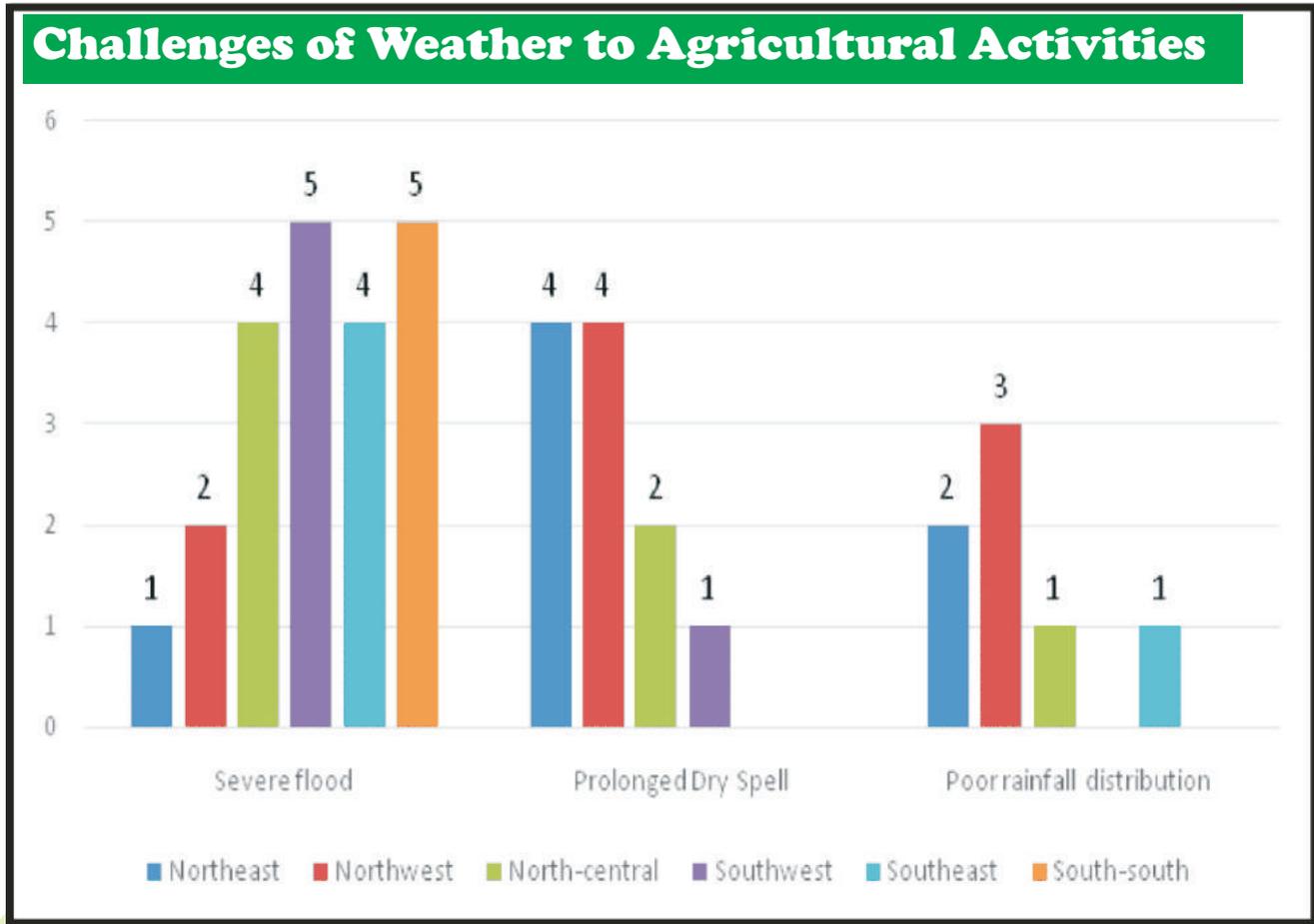
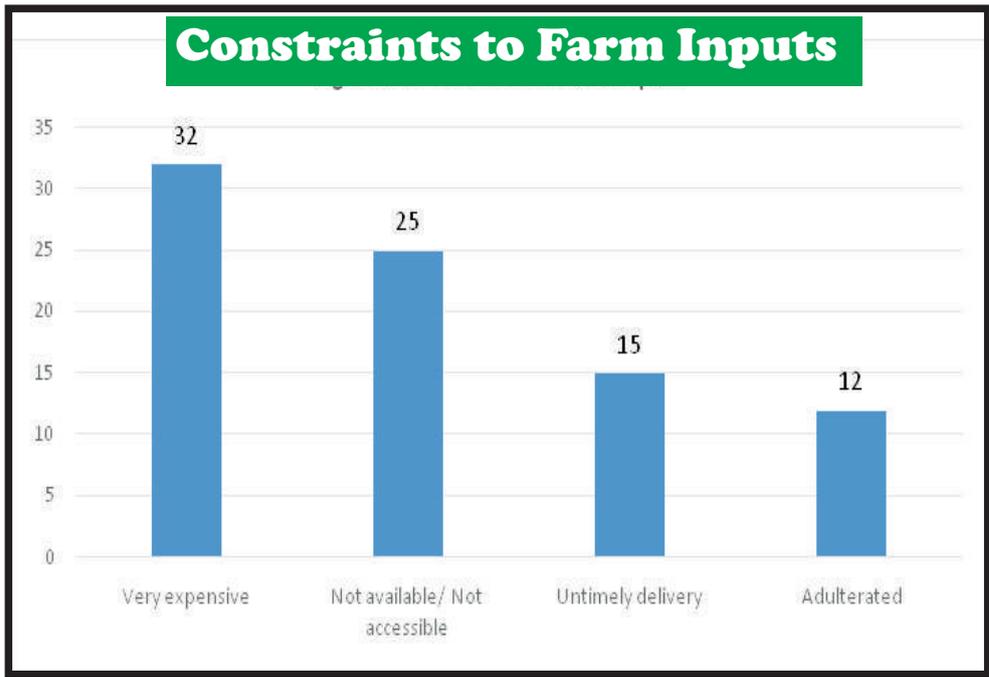


Constraints to extension activities



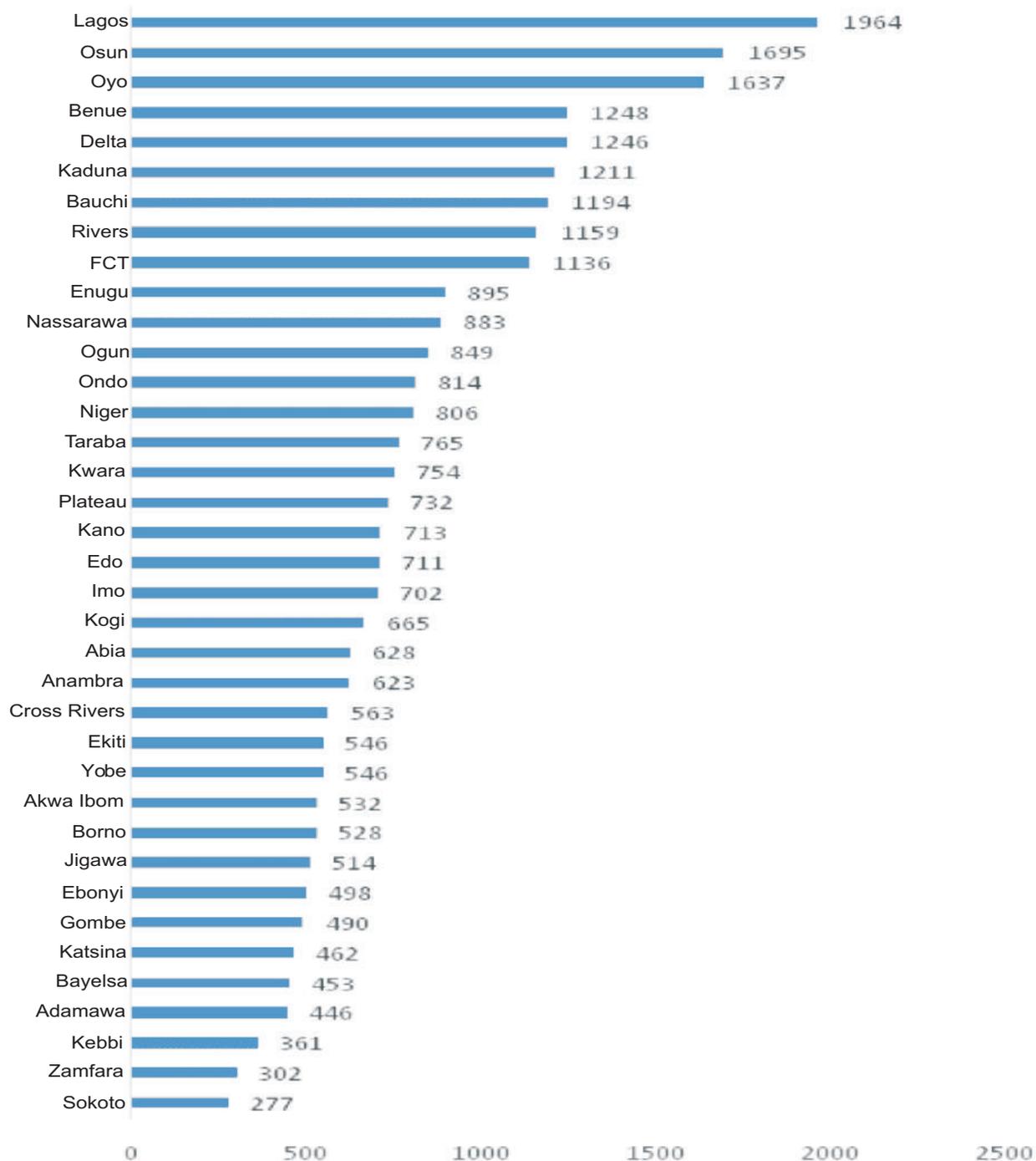
Constraints to Farm Mechanization





16.0 N- Power (Agro) by States

Number of Participants Per State



17.0 Summary, conclusion and recommendation

The 2017 Wet Season Agricultural Performance Survey in Nigeria was conducted with the support and collaboration of all state Agricultural Development Programmes and Ministries of Agriculture. The study documented increased land area for crop production and an increase in production above that of 2016 in all areas of agriculture. However, this is expected to be marginal for livestock and aquaculture. Nevertheless, overall farm yields would remain below global and African averages for all the subsectors. Based on the various observations, findings and challenges from the field, as well as the conclusion, the following recommendations are made:

- I. Strengthening the capacity of NBS and all other agencies (including the FMARD and NAERLS) involved with Agricultural data capturing to put in place a strategy for collective action to generate high quality agricultural performance data.
- II. FMARD and FMEnv to develop a strategy for fund appropriation to support strategic research and extension activities towards mitigating the effects of climate change.
- III. FMARD is recommended to make the promotion of agricultural mechanization as a national priority.
- IV. Improve Funding and Recruitment of Extension Personnel: State and local government are urgently recommended to provide needed funds, recruit more personnel and build capacity and strengthen extension service delivery in the States and local government areas..
- V. State and local government authorities are encouraged to actively engage N-Power (Agro) for their volunteer period as well as recruit same as agricultural extension staff.
- VI. FMARD is recommended to collaborate with relevant partners such as the National Broadcasting Commission (NBC) develop options for increased partnership with the Private Sector for increased dissemination of agricultural information through such mechanisms as corporate social responsibility.
- VII. Proactive strategies involving all government security agencies and stakeholders towards controlling and eventual elimination of the security challenges should be developed and implemented by the FGn.
- VIII. FMARD is recommended to work with relevant stakeholders to develop a cost-effective and efficient support strategy across the value chains for enhancing agricultural production
- IX. FMARD to work with the Federal Ministry of Finance to create an enabling environment for accelerating agribusiness.

