

**MINISTRY OF AGRICULTURE AND
NATURAL RESOURCES BAUCHI STATE**

**BRIEF ON AGRICULTURAL DEVELOPMENT
IN BAUCHI STATE**

PRESENTED AT THE GOVERNORS FORUM

BY

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MINISTRY OF AGRICULTURE AND NATURAL RESOURCES,
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BAUCHI STATE ON 15th MARCH, 2010

INTRODUCTION

Bauchi State falls within the Savannah ecological Zone of the country located in the North-Eastern region. It has a distinct wet (rainy) season and a distinct dry season. Rainfall pattern ranges between 600 – 700mm in the Northern part and 1200 – 1300mm in the Southern part of the state.

Similarly, temperatures vary between 9 -10⁰c during cold season to as high as 45 – 50⁰c during hot season. It has a land mass of 49,200 sq.km and 80% of the population of the state are farmers who mostly live in the rural areas.

It is imperative to mention here that the soil type, abundant Fadama land and weather conditions obtain in the state are suitable for the productions of crops and livestock found in the state. The major crops grown include among other Maize, Soyabeans, Rice, Groundnuts, Cowpea, Sorghum, and Sesame etc while the major livestock include Cattle, Sheep, Goats and Poultry.

Similarly, it is important to note that the vehicle through which agricultural programmes and projects are formulated and implemented is the Ministry of Agriculture and Natural Resources which has its outfits for achieving the desired goals and objectives.

In this vein, the Ministry has seven (7) Directorates namely;

- i. Administration and Finance,
- ii. Planning, Research and Statistics,
- iii. Agricultural Service

- iv. Livestock Services
- v. Veterinary Services
- vi. Agric Engineering Services
- vii. Fisheries Services

The Ministry has the famous and enviable Bauchi State Agricultural Development Programme (BSADP) as its extension agency. It also has the Bauchi State Agricultural Supply Company (BASAC) which serves as source of farm inputs to our teeming farmers. last but not the least is the Fadama III Project which is currently being implemented with the full support of the State Government.

VISION AND OBJECTIVES

The vision of the Ministry is to ensure adequate agricultural production with a view to achieving food security, poverty reduction and income generation among the people as well as economic growth of the state in particular and the nation at large. Accordingly, the Ministry has the following as its objectives:-

- a. Increasing crop production for both domestic and commercial purpose;
- b. Boosting Livestock production through Livestock Veterinary extension services;
- c. Promoting quality control and preservation of agricultural produce;
- d. Management of personnel and manpower development for the achievement of set goals;
- e. Maintenance of effective liaison with related agencies and project;
- f. Promoting more efficient and effective agricultural mechanization;

- g. Encouraging fish production technology towards self-sufficiency in fish production;
- h. Provision of extension service in order to deliver new and sustainable technology to farmers and;
- i. Procurement and delivery of farm inputs at affordable prices for sustainable agricultural production.

ACHIEVEMENTS

The state was opportuned to have one of the first three (3) enclave Agricultural Development Programmes (ADPs) in the Country in 1976 i.e. The Gombe ADP (now in Gombe State) with others being Funtua and Gusau ADPs.

The track record of achievements in the Agricultural Development of Bauchi State cannot therefore be over emphasized. In fact, the Bauchi ADP was rated as the best in the country between 1980 and 1997 the States Fadama Project was also judged as the best in the country in 1997.

With the coming of the present administration in 2007, under the able leadership of Mal. (Dr.) Isa Yuguda (Matawallen Bauchi) he had not only wanted to maintain the tempo but also to reposition and transform the entire sector through various interventions. This was intended to make the sector more vibrant and attractive thereby contributing positively towards attaining food security and economic development of the state. These interventions cut across the various sub-sectors and are summarized as follows:-

a. Agricultural Services

- From 2007 to date, 84,685 metric tonnes of assorted fertilizers worth ₦8.469 billion were procured and distributed to farmers at least at 50% subsidy.
- Procurement and sales of 16,000 metric tonnes of assorted grains worth ₦868,668,144.00. These grains

were sold to the people of the state at subsidized rate of between 50-60% (a 50kg bag at ₦1,500.00) in 2008.

- Release of ₦28,638,750.00 for the aerial control of grasshoppers in Tafawa Balewa, Toro and Jama'are Local Government Areas.
- In 2008 ₦50m was released as Revolving Fund for the supply of farm inputs for sale to farmers.
- Recruitment of 64 Produce Inspectors/Pest Control Overseers in order to control cases of killer beans and consumption of hazardous food items.
- Approval for the payment of hazard allowances to Agric. Extension Workers, Agric. Engineers, Fisheries personnel and Soil Scientist in order to attract students going into the profession.

b. Veterinary Services

- Construction of six (6) veterinary Clinics in Alkaleri, Dass, Kafin Madaki, Dambam, Itas and Katagum. Except for that of Katagum, all the other Five (5) have been completed and are awaiting commissioning at a total cost of ₦69,489,333.00.
- Veterinary equipments were purchase at the cost of ₦28,615,500.00 and another ₦10,351,000.00 was given as drug revolving scheme which has since taken off.
- ₦44,744,000.00 was released for conduct of the Annual vaccination against CBPP, PPR and Gumboro disease in all the twenty (20) Local Government Areas which started in 2007 to 2009.
- ₦10.8m was released for aerial spray against Tsetse flies in Alkaleri, Bogoro, Dass, Tafawa Balewa and Toro in 2008 ground control operation for same has also been carried out.

c. Livestock Services

- ₦3m was released for Pasture production – 40ha
- Demarcation of 120km at Yutare and Udubo grazing Reserves in order to minimize fire outbreak and human encroachment. To this effect motorcycles were procured for boundary surveillance at the cost of ₦9.9m.
- Desilting of Eight (8) Earth Dams and eight (8) loading/off loading rumps were constructed at the cost of over ₦13,800,000.00 and ₦4,900,000.00 respectively.
- Re-activated and restocking of two (2) poultry demonstration centres at Azare and Toro at a total cost of ₦3m.
- About ₦3m was expended on the re-activation of Misau Sheep Farm with supply of 135 sheep to add up to the existing stock.
- Reactivation of Bauchi Feed Mill at the cost of ₦5m.
- Reactivation of 3 boreholes at Yanda, Tashan Maje and Kafin Dilimi at the cost of ₦2m.

Bauchi State Livestock statistical data

1	Cattle	=	1,300,000
2	Sheep	=	2,100,000
3	Goats	=	2,800,000
4	Poultry	=	Over 6,000,000
5	Pigs	=	40,000
6	Rabbits	=	15,000
7	Dogs	=	80,000
8	Horses	=	21,000
9	Camels	=	4,000

d. Engineering Services

- Purchase of 1200 units of power Tiller from Steyr Nigeria Plc in 2008 at the cost of ₦469,995,756.00
- Purchase of 10MF tractors to boost the Tractor Hiring Unit (THU) fleet at ₦73m.
- Provision of 250 Animal traction loan packages to farmers in collaboration with FGN and NACRDB in ratio of:-
 - 50% Federal = ₦15m
 - 30% State = ₦9m
 - 20% LGAs = ₦6m
- General annual maintenance on the THU fleet totaling ₦30m from 2007 to 2009.
- Construction of tractor warehouse and renovation of workshops at a total cost of ₦44,503,749.95
- Fencing of THU premises for improvement of security at ₦3,602,422.50.
- Loan of 24 units of assorted capacity tractors to large scale farmers at the cost of ₦72,144,570.00.
- Completions of the 4,000mt silo complex at Boto (Tafawa Balewa LGA) and routine maintenance of the Bauchi and Azare silo complex's which are of 4,000mt capacity each at the cost of ₦140m.

e. Fisheries Services

- Construction of 3 concrete fish ponds at Zigau Fish Farm at the total cost of ₦1,980,000.00

- Construction of 2no semi detached two (2) bedroom flats at Piro village of Gubi Dam area to house staff in charge of the fish farm at the cost of ₦5,956,624.36.
- Indoor fish hatchery is under construction at the same site at the cost of ₦5,695,831.40.
- Supply of 40 mobile fish Tanks to the 20 LGAs of the State at the cost of ₦9,361,250.00
- Training of farmers and HODs at the cost of ₦2,964,000

f. Planning, Research and Statistics

- Establishment of Bauchi State Agricultural Statistic Coordinating Committee (SASCCO).

h. BSADP Extension Services

- To mitigate the problem of food poisoning especially through consumption of wrongly treated cowpea with inappropriate storage chemical, the state government is promoting non chemical storage of cowpea popularly known as PICS Perdue Improved Cowpea Storage in collaboration with Purdue University (USA), IITA and Research Into Use (RIU). Over 5,000 farmers are involved in the demonstration in 2009/2010. ₦4m million for Extension Agents allowance as counterpart funding
- Implementation of ADB Community-Based Agriculture and Rural Development Project (AfDB-CBARDP). Already capacity building and income generation funds, 18Nos. tree nurseries and 9No of homestead fisheries were distributed to participating communities. In addition 1 Hilux Double Cabin and 100 units of motorcycles have been procured and distributed to facilitate extension delivery. ₦16m was expended

- Training of 20,000 farmers of Sasakawa Global 2000 technology at the cost of ₦18m.
- Training of 2,000 youths on contract spraying and were issued loan at the end of the training in order to gainfully engage them at the cost of ₦9.5m.
- Recruitment of 110 extension agents 20 enumerators and 26 other staff.
- Five (5) vehicles were allocated to the BSADP for programme implementation.
- A total of 1000 water pumps were procured for distribution on loan to Fadama farmers at the cost of ₦67m.
- Full implementation of the National Programme for Food Security (NPFS) nine (9) LGAs of the state.
- In this connection the state has been selected as the best state in the implementation of Farmer Field School programme FAO in conjunction with NFRA will come to the state for graduation ceremony in April this year and all the states of the Federation are expected to be represented.
- Radio and TV programmes for farmers guidance
- As a result effort by BSADP in partnership with Magnum and Olan, 30% of sesame produced in the country is produced in Bauchi State (USAID Report).

i. Agric. Input Supply (BASAC)

- Renovation of Farm Service Centers and BASAC Headquarters
- Fabrication of 192 ox-drawn Ridges, 97 Double furrow Ridges, 22 Triple furrow Ridges 4 ox-draw card as well as rehabilitation of 50 disc ploughs and by BASAC. It had also fabricated 689 school beds (Double Bunk).

- Release of five (5) vehicles to BASAC for smooth operation of its activities.

j. Counterpart contributions

- Timely payments of state Governments counterpart contribution of ongoing projects such as AfDB-CBARDP, NPFS, Fadama III Project, NATSP/NFDP sustainability. So far, a total of ₦733,162,000.00 has been paid. Only recently executive approval was secured for the counterpart contribution for the newly conceived Rural Institution Building Programme (RUFIN) for which the state is among the twelve (12) states selected in the country. The state also hosts the Zonal Office.

CHALLENGES

The state is dependent mainly on rainfed agriculture. The climatic change particularly incessant drought and desert encroachment therefore constitute a major challenge to the agricultural developments of the state. This is indeed what informed the decision of the state government to ensure the pursuance and execution of the Kafin Zaki Dam Project. When completed, the project would not only boost our agricultural potential but also further enhance our economic development through power generation, wealth and job creation etc. it is expected that 120,000ha of the land will be put under irrigation. About 1,000,000 tonnes of sugarcane will be produced annually. 500,000 tonnes of paddy rice in wet season and 360,000 tonnes in dry season and over 750 tonnes of vegetable will also be produced in dry season. In addition, 50,000 metric tonnes of table size fish will be produced annually.

Another major constraint is the area of food preservation, processing and marketing especially for perishable food items. A lot of farm produce is lost due to lack of good preservation and processing techniques as well as poor market outlets.

Similarly, despite the efforts by the Federal Government to commercialize the sector by injecting ₦200 billion through

commercial banks, small holder farmers still find it difficult to access credit facilities from the banks.

PROSPECTS

With the abundant natural resources abound the state, the turnaround of the economy, the new drive towards Public-Private-Partnership (PPP), as well as the personal commitment of His Excellency the Executive Governor of the State Mal. (Dr.) Isa Yuguda (Matawallen Bauchi) towards revitalizing the sector, it is hoped that sky will be the limit. Posterity will be there to judge the legacy that will be written in Golden pen.

Full execution of the Kafin Zaki Dam project will no doubt assist the region in getting to the Promised Land.

Thank you for your attention!

Table 1: Basic Statistics on SG 2000 Priority States

	Adamawa	Bauchi	Gombe	Jigawa	Kaduna	Plateau	Kano	Zamfara	Total for the 8 states	Total for Nigeria	% of Total
Population, Total,	3,168,101	4,676,465	2,353,879	4,348,649	6,066,562	3,178,712	9,383,682	3,259,846	36,435,896	140,003,542	26
Agriculturally Active	1,900,860	2,805,879	1,412,327	2,609,189	3,639,937	1,907,227	5,630,209	1,955,907	21,861,535	84,002,125	26
Key Crops, Average annual production, in '000 metric tons, 1994-2006											
Sorghum	114	300	153	198	596	268	660	432	2719.87	5,280	52
Millet	4	262	278	254	398	129	508	323	2155.69	4,631	47
Maize	135	140	200	6	896	338	140	43	1896.44	5,269	36
Rice	115	42	78	27	591	61	99	22	1034.91	2,935	35
Cowpeas	42	73	86	46	154	33	159	153	745.76	1,687	44
Soybeans	-	-	-	-	-	-	-	-	-	-	-
Groundnuts	65	103	43	28	379	74	378	122	1191.43	2,573	46
Livestock Population*											
Cattle	909,834	1,122,508	1,036,162	563,649	1,003,732	595,191	586,657	663,636	6,481,369	14,828,171	44
Sheep	713,274	1,439,853	1,329,095	1,220,657	538,347	505,406	1,270,479	792,797	7,809,908	21,870,035	36
Goats	1,082,388	1,798,663	1,660,304	1,337,053	966,140	970,069	1,391,627	778,383	9,984,627	3,3039,512	30
Extension staff, #'s											
ADPs	429	234	250	255	309	454	850	1200	3,981	-	-
Dept of Agric, LGAs	250	154	165	168	205	199	560	540	2,241	-	-
Total	679	378	415	423	514	553	1,410	1,740	6,222		

Source: Nigeria National Bureau of Statistics 2007.

*1992 survey on the Nigerian Livestock Resources of the Federal Department and Pest Control Services

	Cattle	Sheep	Goats
Adamawa	909,834	713,274	1,082,388
Bauchi	1,122,58	1,439,853	1,798,663
Gombe	1,036,162	1,329,095	1,660,304
Jigawa	563,649	1,220,657	1,337,053
Kaduna	1,003,732	538,347	966,140
Plateau	595,191	505,406	970,069
Kano	586,657	1,270,479	1,391,627
Zamfara	663,636	792,797	778,383
Total for the 8 States	6,481,369	7,809,908	9,984,627
Total for Nigeria	14,828,171	21,870,035	33,039,512
% of Total	44	36	30



State	Average Annual Production ('000 metric tons, 1994-2006)					
	Sorghum	Millet	Maize	Rice	Cowpea	G/nuts
Adamawa	114	4	135	115	42	65
Bauchi	300	262	140	42	73	103
Gombe	153	278	200	78	86	43
Jigawa	198	254	6	27	46	28
Kaduna	596	398	896	591	154	379
Plateau	268	129	338	61	33	74
Kano	660	508	140	99	159	378
Zamfara	432	323	43	22	153	122
Total for the 8 States	2,720	2,156	1,896	1,035	746	1,191
Total for Nigeria	5,280	4,631	5,269	2,935	1,687	2,573
% of Total	52	47	36	35	44	46

