

VISION

To build a market-driven seed industry for the production and distribution of high quality and improved planting materials that are available, accessible and affordable to all farmers.

MISSION

To transform the Nigerian Seed System into a leading seed industry in Sub-Saharan Africa worthy of generating foreign exchange, key employer of labour and contributing positively to the country's economy.

	Page
Table of Contents.....	2
List of Acronyms.....	3
List of Tables.....	4
List of Figures.....	5
Foreword by Chief O.J Shobowale , Executive Director, NASC.....	6-7
Executive Summary.....	8-11
Origin of the Council (NASC)	12
NASC's Mandate.....	12
Organization and Management.....	12-13
National Seed System in Nigeria.....	14
Foundation Seed Production and Management Department.....	15-19
Seed Certification, Quality Control, Crop Registration &Release Dept.....	20-28
Seed Industry Development, Technical Support & Commercial Services Dept....	29-37
Seed Information, Data Management & Capacity Building Dept.....	38-50
Legal Unit, Financial Report, & Internal Audit Report.....	51-53

LIST OF ACRONYMS

ADB	African Development Bank
ADPs	Agricultural Development Programmes
BS	Breeder Seed
CAADP	Comprehensive Africa Agriculture Development Programme
CBN	Central Bank of Nigeria
CBOs	Community Based Organization
CS	Certified Seed
CBSP	Community Based Seed Production
Coys	Seed Companies
ECOWAS	Economic Community of West African States
FAO	Food and Agriculture Organization
FASCOM	Farmers Supply Company
FCT	Federal Capital Territory
FRIN	Forestry Research Institute
FS	Foundation Seed
GDP	Gross Domestic Product
Ha	Hectare
IAR	Institute of Agricultural Research
IAR&T	Institute of Agricultural Research and Training
ICRISAT	International Cereal Research Institute for Semi- Arid Tropic
IFDC	International Centre for Soil Fertility and Agricultural Development
IFPRI	International Food Policy Research Institute
IITA	International Institute for Tropical Agriculture
Kg	Kilogramme
LCRI	Lake Chad Research Institute
MDAs	Ministry Department and Agencies
MT	Metric Tonne
NASC	National Agricultural Seeds Council
NBS	National Bureau of Statistics
NDE	National Directorate of Employment
NGO	Non Governmental Organization
NSCDC	Nigeria Security and Civil Defence Corp's
NARIs	National Agricultural Research Institutes
NCRI	National Cereal Research Institute
PPP	Public Private Partnership
RIFAN	Rice Farmers Association
SPEAR	Seed Policy Enhancement in African Regions
SEEDAN	Seed Association of Nigeria
UNDP	United Nation Development Program
WARDA	(AfricaRice Centre) West African Rice Development Association
WASA	West African Seed Alliance

	List of Tables	Page
Table 1:	Quantity of Breeder Seeds Procured from Research Institutes for Foundation Seeds Production, 2010 (Kg)	15-16
Table 2:	Summary of Quantity of Breeder Seed Procured from Research Institutes, 2010 (Kg)	16
Table 3:	Breeder Seed Production Target, 2010 (Kg)	17
Table 4:	Breeder Seed Distribution for Foundation seed Production by Source, 2010 (Kg)	18
Table 5:	Foundation Seed Production by Source, by Type, 2010 (MT)	19
Table 6:	Foundation Seed Increase at Sheda by Type, 2010	19
Table 7:	National- Certified Seed Field Inspection by Type, by Source, 2010 (Ha)	20
Table 8:	National-Certified Seed Field Inspection by Type, by Zone, 2010 (Ha)	21
Table 9:	Coys- Certified Seed Field Inspection by Type, by Source, 2010 (Ha)	22
Table 10:	NASC-Foundation Seed Field Inspection by Type, by Source, 2010 (Ha)	23
Table 11:	Breeder Seed Field Inspection by Type, by Source, 2010 (Ha)	24
Table 12:	Hybrid/Open Pollinated Maize (OPVs) Highway Demonstration and other High Quality Crop Varieties Trials, 2010	30
Table 13:	Average Weight of Varieties Nominated by Seed Companies under 2010 Highway Demonstration at Sheda.	31
Table 14:	Farmers Varietal Preference under the Highway Demonstration Program by Location, 2010	32
Table 15:	NASC-CBSP Certified Seed Production by Type, by Source, 2010 (MT)	33
Table 16:	NASC-CBSP Farmers Varietals Preference by Type, by Location, 2010	33
Table 17:	NASC-CBSP Certified Seed Field Inspection , 2010 (Ha)	34
Table 18:	NASC- CBSP Certified Seed Production by Type, 2010 (MT)	35
Table 19:	Certified Seed Production by Type, by Source, 2010 (MT)	40
Table 20:	Certified Seed Production by Type, by Source, 2010 (MT)	40
Table 21:	National-Certified Seed Production by Type, by Zone, 2010 (MT)	41
Table 22:	Coy-Certified Seed Production by Type, 2010 (MT)	42
Table 23:	CBOs/NGOs- Certified Seed Production, 2010 (MT)	45
Table 24:	ADPs-Certified Seed Production by Type, by Source, 2010 (MT)	46
Table 25:	Coys-Certified Seed Prices (Naira) by Source, by year	46
Table 26:	Production Quantity of Certified Seed Crops by Year (MT)	47
Table 27:	Field Inspection of Certified Seed Crop by Year (MT)	47
Table 28:	National-Production Quantity of Certified Seed Crops by Source and Year (MT)	48
Table 29:	Field Inspection of Certified Seed Crops by Source and Year (MT)	48
Table 30:	National-Average Producers' Seed Prices (Naira) by Year	48

	List of Figures	Page
Figure 1:	Organogram of the National Agric Seeds Council	12
Figure 2:	Quantity of Breeder Seed Distributed for FS Production, 2010 (Kg)	16
Figure 3:	Breeder Seed Production Targets, 2010 (Kg)	17
Figure 4:	National-Certified Seed Field Inspection by Type, 2010 (Ha)	21
Figure 5:	National-Certified Seed Field Inspection Share by Source (Ha)	21
Figure 6:	National- Certified Seed Field Inspection Share by Zone, 2010 (Ha)	22
Figure 7:	Coys-Certified Seed Field Inspection Share by Type, 2010 (Ha)	23
Figure 8:	Coys-Maize Certified Seed Field Inspection Share by Type (Ha)	23
Figure 9:	Coys-Rice Certified Field Inspection Share by Type, 2010 (Ha)	23
Figure 10:	Breeder Seed Field Inspection Share by Type, 2010 (Ha)	24
Figure 11:	Breeder Seed Field Inspection by Research Institutes, 2010 (Ha)	24
Figure 12:	NASC-CBSP Certified Production by Type, 2010 (MT)	35
Figure 13:	National-Certified Seed Production Share by Type, 2010 (MT)	40
Figure 14:	National-Certified Seed Production Share by Source, 2010 (MT)	40
Figure 15:	National-Certified Seed Production Share by Zone, 2010 (MT)	41
Figure 16:	National-Maize Certified Seed Production Share by Type, 2010 (MT)	41
Figure 17:	National-Rice Certified Seed Production Share , 2010 (MT)	41
Figure 18:	Coys-Certified Seed Production Share (MT) by Type, 2010	42
Figure 19:	Coys- Maize Certified Seed Production Share by Type, 2010 (MT)	42
Figure 20:	Coys-Maize-Hybrid Seed Production Share by Source, 2010 (MT)	43
Figure 21:	Coys- Maize OPVs Seed Production Share by Source, 2010 (MT)	43
Figure 22:	Coys- Rice Certified Seed Production Share, 2010 (MT)	43
Figure 23:	Coys-Sorghum Certified Seed Production Share by Source, 2010 (MT)	44
Figure 24:	Coys-Soyabeans Certified Seed Production Share by Source, 2010 (MT)	44
Figure 25:	Coys-Cowpea Certified Seed production Share by Source, 2010 (MT)	44
Figure 26:	CBOs/NGOs-Certified Seed Production by Type, by Source, 2010 (MT)	45
Figure 27:	ADPs-Certified Seed Production Share by Type, 2010 (MT)	46

FORWARD/STATEMENT BY THE EXECUTIVE DIRECTOR

It is a pleasure for me to present this Second Annual Report of the National Agricultural Seeds Council (NASC) since my assumption of office as the Executive Director. As in the previous years, the report covers the operations of the Council towards ensuring and fast tracking the achievements of food security in the country in the year 2010.

Let me start by specially appreciating the Chairman and Members of the Governing Board of the National Agricultural Seeds Council (NASC) for the numerous support and Co-operation.

There is no gain-saying that our collective challenge is to take the Nigerian Seed Industry to higher levels consistent with the demands of modern agriculture as well as the fulfilment of the **Council's Vision and Mission**. Our goal is to quickly restructure and strengthen the NASC to be the hub of the Nigerian food security and by extension in West Africa; and to engineer the emergence of Nigeria as West Africa's Seed Technology Centre. In 2010, we aggressively embarked on several activities at Institutional and Policy levels to realize the set goals and to reposition the NASC as the active Seed Policy and Regulatory institution rather than a bureaucratic site.

This report summarizes several of the key outcomes of our activities resulting from improved management. Also, the report has witnessed major changes in both structure and content. Aside from the repositioning of the Seed Council for better services, facilities at the Sheda Complex and the Regional Offices were rehabilitated. We embarked on massive enlightenment of the farming Public on the benefits accruing from use of Quality Seeds. We also went all out to curb the activities of overnight seed merchants who sabotage the good efforts of genuine seed entrepreneurs. These actions are critical to ensuring seed security and at large food security for the Nation.

The Council lifted a total of 16,430kg of Breeder Seed from research institute in 2010 and held meetings with the NARIs where Breeder Seed target of 20,587 Kg was set for the year 2010. The Council was able to generate 508.10 MT of Foundation Seeds from the Breeder Seed received from the NARIs through its network of trained out-growers. The FS was sold to stakeholders for the production of CS.

During the year also, the NASC inspected 4,713.83 hectares and carried out seed sampling and testing activities on 1,890 seed samples of various crops varieties throughout the nation with the objective of ensuring that CS produced by companies meet the required seed quality standard.

It is envisaged that the quality of traded seeds will improve to enable farmers' derived maximum benefit from use of improved seeds.

Overall, the Annual Report is presented in simple manner with tables and figures; and pictures that gives the status of the emerging Nigerian Seed Industry. I therefore, strongly encourage the Public to peruse the entire report and make constructive suggestions on how best we can improve the structure and presentation in order to make it more reader friendly.

Finally, I wish to sincerely thank the Board, management and the entire staff of the NASC for their tireless and invaluable contributions during the year. We can only build the Seed Council of our dream through team work and I thank all of you for the strong support and hard work. By the grace of God, we shall continuously improve upon the repositioning of the NASC and our performance in future. I must also thank the Honourable Minister of Agriculture, the National Assembly (especially the Committees on Agriculture), the SEEDAN, and all key stakeholders of the Nigerian Seed Industry for their unflinching support and Co-operation during the year.

CHIEF OLASUNKANMI JOSEPH SHOBOWALE

Executive Director.

EXECUTIVE SUMMARY

This report provides an overview of the operations of the National Agricultural Seeds Council (NASC) in the year 2010. It is structured in a simple manner with different sections reporting the activities of the five key departments of the NASC. The highlights of the report are as follows:

THE NASC BOARD AND ITS ACTIVITIES

The Board of the NASC under the stewardship of the Chairman; Dr. (Prince) James Bala Angbazo held a series of Board meetings and many committee meetings during the year under review. The Board meetings are as indicated below:

- (1) 3rd Meeting of Governing Board held on the 17th – 18th March, 2010;
- (2) 4th Meeting of Governing Board held on the 15th & 22nd July, 2010.
- (3) 5th Meeting of Governing Board held 22nd September 2010.
- (4) 6th Meeting of Governing Board held on the 24th November, 2010

NASC OPERATIONS

The Foundation Seed Production and Management Department lifted a total of 16,430kg of Breeder Seed (BS) from Research Institutes in the year 2010. This represents the quantities that the research institutes were able to produce in year 2009.

The BS was distributed to the NASC out-growers and Seed Companies through the regional offices for multiplication into Foundation Seeds. A total of 508.10 MT of foundation seeds were generated from the BS distributed. In order to ensure continuous availability of quality seeds through adequate planning, meetings were held with the NARIs between April and July 2010. The meetings resulted in setting the BS target of 20,587kg for the year 2011.

Other activities of the Council under the Foundation Seed Programme included the procurement of goods such as seed labels, packaging bags, seed treatment chemicals and seed bag sewing machines which are essential in value addition to produced seeds.

The Council carried out monitoring and supervision of seed fields of registered out-growers of the NASC and fields of NCRI, IAR&T, IAR and LCRI where Breeder seed were produced.

The monitoring of Seed Production activities in line with set minimum standards was rigorously pursued during the year with a total land area of 4,934.33 ha of various crop varieties planted by Seed Companies, ADPs and NARIs duly inspected throughout the Nation.

Furthermore, a total of 1,890 seed samples of traded seed drawn from 35 agencies were analysed during the year for seed quality assurance.

Consequent upon widespread activities of unscrupulous Seed merchants nationwide, the Council carried out an aggressive educational and enlightenment campaign in the South West and North Central Zones where it was featured on the NTA and AIT network news.

In order to further enhance the capacity of the Seeds Council in curtailing the activities of unscrupulous seed merchants involved in the sale of spurious seeds to farmers, a collaborative framework between the NASC and the Nigeria Security and Civil Defence Corps (NSCDC) and the Nigeria Police was formed. The Strategic Surveillance Activity was carried out at Ilorin, Kano, Kaduna, Zaria, Funtua and Gusua. During the exercise about 560Kg of seed that were not properly packaged, and with no Seed Label and Seed Tag attached from Premier Seeds, Maslaha Seeds, Value Seeds, Seed Project Coy, and an unnamed Producer in Kaduna were confiscated and burnt openly in the presence of the public at Sheda – Abuja on the 20th October, 2010 to serve as deterrent to others.

A total of 61 seed entrepreneurs applied to the National Agricultural Seeds Council in various categories as stipulated in the National Agricultural Seeds Act No 72 of 1992, out of which 35 successful applicants were issued with certified seed certificate of accreditation by the Honourable Minister of Agriculture and Rural Development, Prof. Sheik Ahmad Abdullah on the 7th December 2010 during the commissioning ceremony of some facilities at the NASC Technical Headquarters, Sheda – Abuja

Significant success was achieved in the Seed Industry Development, Technical Support & Commercial Services Department (SIDTS&CS) with the procurement of two (2) units each of Mobile Seed Processing Equipment; Rice Reapers; and Maize Shellers. These equipment were sold to two small-scale seed producing organizations namely Jirkur Seed Producers Cooperative Society in Biu, Borno State; and Maina Seeds Ltd Kano, Kano State to promote the production of quality seeds in

the rural communities. Also, a total of 37 Branded Seed Kiosks was constructed to improve access of farmers to high quality seeds at the rural level.

In a bid to encourage the growth and development of community seed producers and ensure diffusion and use of high quality seeds, the Council through the Seed Industry Development, Technical Support & Commercial Services Department (SIDTS&CS) identified and supplied quality seeds to six (6) farmer-groups in 6 locations across the country. This culminated in the establishment of 6.0 Ha of community seed production plots. About 9.14 MT of certified seed was harvested from the six locations for sale by the community seed producers to neighbouring farmers.

In collaboration with Seed Companies a total of six (6) Highway Demonstration plots were established in 6 locations across the country to demonstrate to farmers the advantage of using high quality seeds over local ones to farmers.

Furthermore, Radio jingles and Television documentaries in 3 major Nigerian languages were produced and broadcasted to sensitize farmers on the need to use improve seeds and guide against the use of fake seeds.

The relevance of Seed Information and capacity building of staff to the repositioning of the NASC for efficient service delivery cannot be played down. Thus, significant attention was paid to the publication and production of Documents such as Brochures, Pamphlets and bulletins. Also, the Council successfully embarked on the preparation and production of a National Seed Policy Document.

To ensure that adequate and proper provision is paid to human capacity building of staff, a Skill Gap Analysis and Training Needs Assessments was carried out. A survey of seed production activities to assess the country's seed situation covering the 36 states and FCT was successfully carried out in the year under review. A total of fourteen staff attended local and foreign training courses during the year. Mr Abdul Danlami attended the International Hybrid Rice Technology Training course at Hunan Rice Research Institute, Changsha, China. Furthermore, eleven technical staff was trained in hybrid sorghum production techniques organized by WASA at Zaria. Additionally, two staff attended a sensitization workshop on the new public service rule at Minna in Niger State.

The Council in accordance with its new status has established excellent working relationship with other Ministries, Departments and Agencies such as Federal Ministry of Finance, Budget Office, Office of the Accountant General of the Federation, Central Bank of Nigeria, NDE, NSCDC, National Bureau of Statistics

(NBS), ECOWAS, IFPRI, FAO etc. This has gone a long way in easing the Department's problems in particular.

The Council has embarked on a number of measures to boost its revenue generation as returns from the regional Offices indicated that such measures have started yielding results. A total sum of **N23,314,836.98** (Twenty Three million, Three Hundred and Fourteen thousand, eight hundred and thirty six naira, ninety eight kobo) only was generated as at December 2010 from its various activities and same remitted to the Consolidated Revenue Fund with the Central Bank of Nigeria.

The Council has staff strength of Two Hundred and Ninety Six (296) people consisting of one hundred and eighty six (186) senior staff and one hundred and ten (110) junior staff.

1.0 ORIGIN OF THE COUNCIL (NASC)

The National Agricultural Seeds Council (NASC) was established in December, 2007 by the Federal Executive Council as an Agency of the Federal Ministry of Agriculture. The Council is backed by the National Agricultural Seeds Decree No. 72 of 1992.

1.2 NASC MANDATE

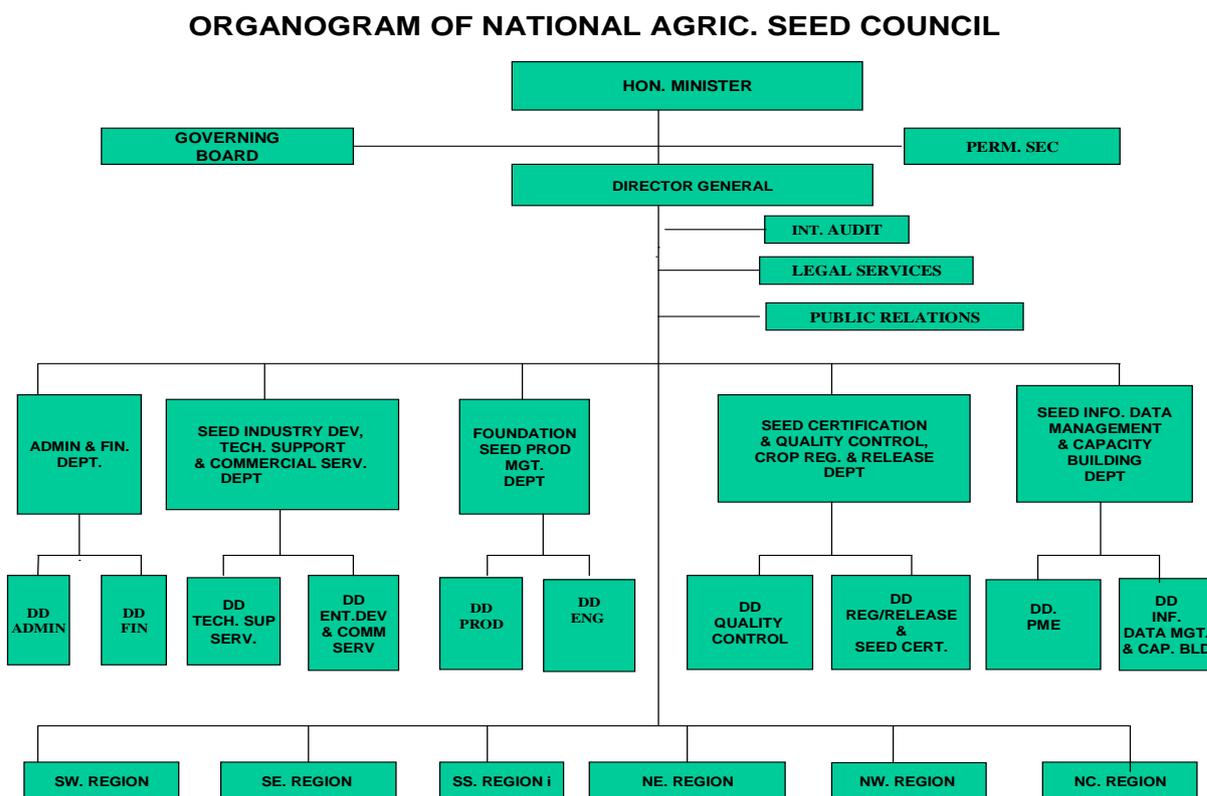
The NASC is charged with the responsibility of overseeing the development and regulation of the national seed industry. These include;

- Analyse and formulate programmes, policies and actions regarding seed development and the seed industry in general, including research on issues relating to seed testing, registration, release, production, marketing, distribution, certification, quality control, supply and use of seeds in Nigeria, importation and exportation of seeds.
- Design improved management system and procedure relating to the administration of seed activity.
- Advise the Federal government on the organization, management and financing of seed programmes.
- Analyse the market and prices of seeds.
- Advise the national research system on the changing pattern of seed demand and farmers' needs.
- Monitor and evaluate the achievements of the national seed system and recommend improvement.
- Encourage the establishment in Nigeria of seed companies for the purpose of carrying out research, production, processing and marketing of seeds; and
- Regulate the Seed Industry in Nigeria.

2.0 ORGANISATION AND MANAGEMENT

The NASC commenced operation as a Council in December 2007. It is gratifying to note that the Federal Government has approved and inaugurated the Governing Board for the Council, which was inaugurated in September, 2009. The structure of the Council is as presented in the Organogram in Fig 1;

Figure 1



NASC is headed by an Executive Director/ Chief Executive Officer (CEO). He is responsible for the daily running of the Council. He also oversees the activities of the various Departments of the Council.

The Council has five (5) Departments namely:

- Foundation Seed Production and Management.
- Seed Certification, Quality Control, Crop Registration and Release.
- Seed Industry Development, Technical Support and Commercial Services.
- Seed Information, Data Management and Capacity Building.
- Finance and Administration and Three(3) Service Unit and

Three support units:-

- Audit Unit
- Legal Unit
- Public Relations

The draft bill for the amendment of The National Agricultural Seeds Decree No. 72 of 1992, which provided for the establishment of the Council and other aspects of the Seed Industry, is before the National Assembly, already passed by the House of Representative, but yet to undergo the third and final reading of the SENATE.

NATIONAL SEED SYSTEM IN NIGERIA

The use of improved quality crop seed cultivars for profitable farming experiences by farmers has been recognized as the most important strategy in boosting agricultural production and accelerating achievement of National Food Security Programme. Improved quality seed is not only the cheapest and basic potential of increasing yield but also fundamental in raising the efficiency of other inputs like fertilizers, agro-chemicals, irrigation etc. It has been estimated that over 50% of improvement in agricultural production come from the use of improved seed. In essence, no agricultural practices be it fertilizer, pesticide application, irrigation etc can improve crop production beyond the limit set by seed.

In recognition of the importance of seed in improving agricultural production and farm income, the Federal Government of Nigeria in 1975 through Technical Assistance Programme provided by Food and Agricultural Organization (FAO) put in place an organised seed programme in the country. This culminated in the establishment of National Seed Service (NSS) as a specialised unit of the Federal Department Agriculture (FDA) to oversee the development of the emerging National Seed Programme in 1975.

The seed programme was further strengthened through three phases of FAO Technical Assistance from 1975 – 1990 namely:-

- 1975 – 1980: To create national awareness amongst scientists and farmers on improved seed production /utilization to increase agricultural productivity.
- 1981 – 1985: A Unilateral Trust Fund (UTF) used to strengthen foundation seed production.
- 1987 – 1989: Establishment of Certification and Quality Control Programme.
- To create a conducive environment for private sector participation in seed industry development, a World Bank assisted National Seed and Quarantine Project (NSQP) was implemented in 1991 – 1997. The National Agricultural Seeds Decree No. 72 of 1992 that gives legal backing to the establishment of the National Agricultural Seeds Council was enacted during the project year.

GOALS AND OBJECTIVES

The primary goal of the National Agricultural Seeds Council is to develop and sustain a reliable seed supply system that will make available high quality seeds of improved varieties, well adapted to local agricultural conditions to farmers at a convenient place, at appropriate time and at an affordable price.

The objective is to create a modern National Seed System that will utilize the necessary policy framework and develop an instituted legal, administrative, and operational elements with which to implement the policy. Seed is unique among other agricultural inputs because seed being a living resource is often the product of lengthy genetic manipulation.

2.1 FOUNDATION SEED PRODUCTION AND MANAGEMENT DEPARTMENT

The Council through its Foundation Seed Production and Management Department has the responsibility for coordinating the production of adequate quantities of high quality Breeder, Foundation and Certified seeds to meet the demand of various stakeholders in the Nigeria Seed Industry for National Food Security. The activities planned for achieving this goal and achievements in 2010 are as follows:

2.1.1 Breeder Seed

A total of 16, 430 kg Breeder Seed of various crop varieties were procured by the Council from five (5) National Agricultural Research Institutes (NARIs) and Africa Rice Centre during the year for production of foundation seed. The details of crop on varietal basis are as contained in tables 1 and 2 respectively.

Table 1. Quantity of Breeder Seeds Procured from Research Institutes for Foundation Seeds Production, 2010 (Kg)

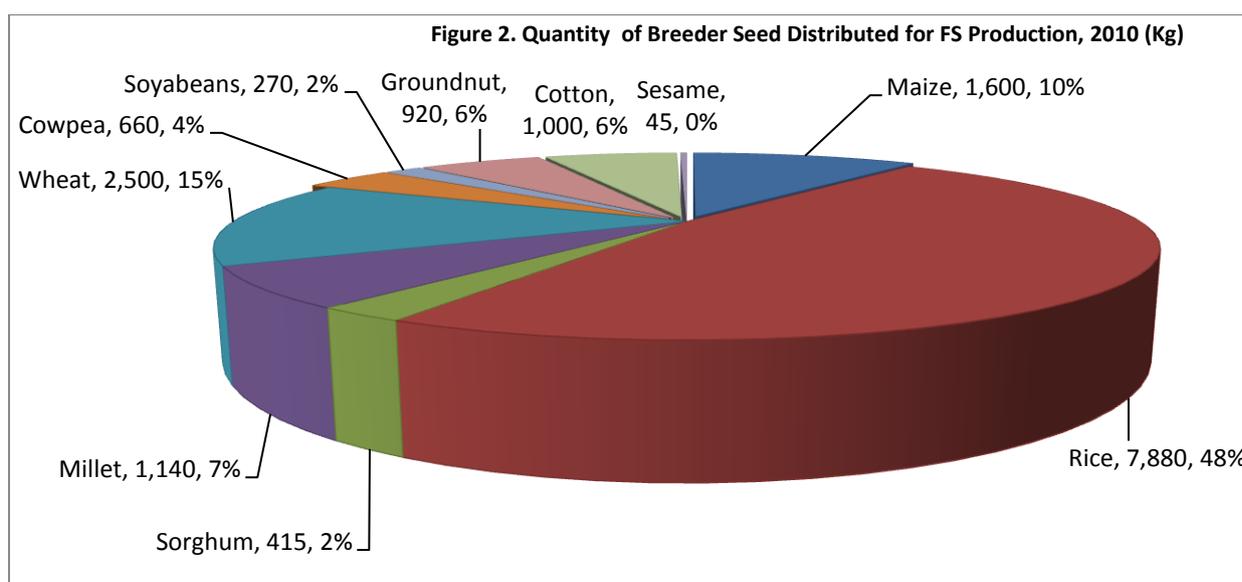
S/ N	Seed Crop	Variety	Africa Rice	IAR	IAR&T	LCRI	NCRI	Total (Kg)
1	Maize	NARZO-26			400			400
		NARZO-27			300			300
		SAMMAZ-11		100				100
		SAMMAZ-12		100				100
		SAMMAZ-13		100				100
		SAMMAZ-14		100				100
		SAMMAZ-15		100				100
		SAMMAZ-16		100				100
		SUWAN-1-SR				300		
	Total			600	1,000			1,600
2	Rice	FARO-44					2,500	2,500
		FARO-52					1,500	1,500
		FARO-55	680				1,300	1,980
		FARO-56	200				500	700
		FARO-57	500				700	1,200
		Total		1,380				6,500
3	Sorghum	SAMSORG-17		220				220
		SAMSORG-40		135				135
		SAMSORG-41		60				60
		Total		415				415

S/ N	Seed Crop	Variety	Africa Rice	IAR	IAR&T	LCRI	NCRI	Total (Kg)
4	Millet	LCIC-MV-1				420		420
		LCIC-MV-2				300		300
		SAMIL-1				420		420
		Total				1,140		1,140
5	Wheat	LACRI-WHIT-1				600		600
		LACRI-WHIT-2				400		400
		LACRI-WHIT-4				1,500		1,500
		Total				2,500		2,500
6	Cowpea	IFE-BPC			400			400
		SAMPEA-10		100				100
		SAMPEA-7		70				70
		SAMPEA-8		30				30
		SAMPEA-9		60				60
		Total		260	400			660
7	Soyabeans	TGX-1019-2EB					40	40
		TGX-1019-2EN					80	80
		TGX-1440-1E					100	100
		TGX-1485-1D					50	50
		Total					270	270
8	Groundnut	SAMNUT-10		118				118
		SAMNUT-21		257				257
		SAMNUT-22		275				275
		SAMNUT-23		270				270
		Total		920				920
9	Cotton	SAMCOT-10		200				200
		SAMCOT-11		200				200
		SAMCOT-12		50				50
		SAMCOT-13		50				50
		SAMCOT-8		250				250
		SAMCOT-9		250				250
		Total		1,000				1,000
10	Sesame	NCRIBEN-1					20	20
		NCRIBEN-2					15	15
		NCRIBEN-3					10	10
		Total					45	45
	Grand Total		1,380	3,195	1,400	3,640	6,815	16,430

Table 2: Summary of Quantity of Breeder Seed Procured from Research Institutes, 2010 (Kg)

S/N	Seed Crop	Africa Rice Centre	IAR	IAR&T	LCRI	NCRI	Total
1	Maize		600	1,000			1,600
2	Rice	1,380				6,500	7,880
3	Sorghum		415				415
4	Millet				1,140		1,140
5	Wheat				2,500		2,500
6	Cowpea		260	400			660
7	Soybeans					270	270
8	Groundnut		920				920
9	Sesame					45	45
10	Cotton		1,000				1,000
	Total	1,380	3,195	1,400	3,640	6,815	16,430

This quantity of Breeder Seeds (16,430 kg) was distributed to interested seed companies and out growers through the NASC regional offices for production of foundation seed and subsequent certified seeds. The distribution on crop basis is as shown in Fig.2

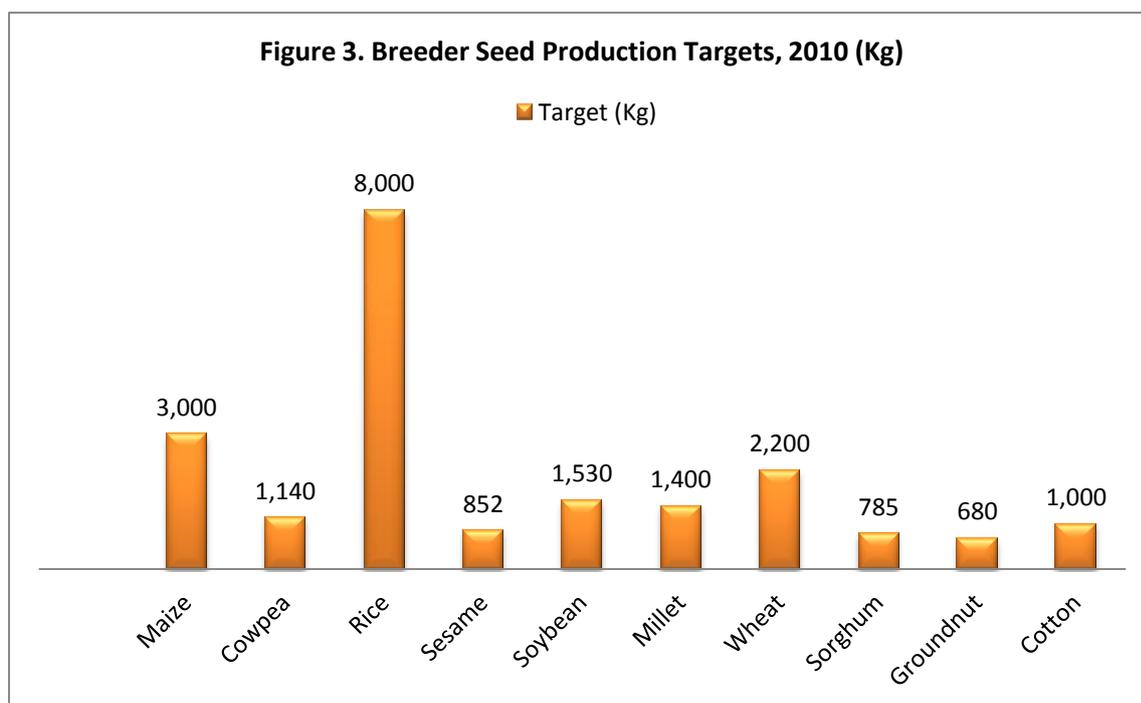


2.1.2 Breeder Seed Production

Following seed production planning meetings organized with the Research Institutes for the production and supply of breeder seed of their mandate crops to be used for production of foundation seed in 2011, a total target of 20,587 kg of breeder seed of various crops was agreed upon with the Research Institutes as contained in Table 3 and Fig.3

Table 3: Breeder Seed Production Target, 2010 (Kg)

Research Institutes' Name						
S/N	Seed Crop	Target (Kg)	IAR&T Ibadan	NCRI Badeggi	IAR, Zaria	LCRI Maiduguri
1.	Maize	3,000	1,000	-	2,000	-
2.	Cowpea	1,140	400	-	740	-
3.	Rice	8,000	-	8,000	-	-
4.	Sesame	852	-	852	-	-
5.	Soybean	1,530	-	1,530	-	-
6.	Millet	1,400	-	-	-	1,400
7.	Wheat	2,200	-	-	-	2,200
8.	Sorghum	785	-	-	785	-
9.	Groundnut	680	-	-	680	-
10.	Cotton	1,000	-	-	1,000	-
	Total	20,587	1,400	10,382	5,205	3,600



2.1.3 Distribution of Breeder Seed Procured in 2009 for Foundation Seed Production, 2010

The 16,530 kg breeder seed of the various crops procured in 2009 were distributed to NASC regional offices for foundation seed production by registered foundation seed outgrowers and the seed companies who indented for breeder seed for their foundation seed production.

Two seed companies indented for 1,095 Kg of different crops breeder seeds and the balance of 15,435 kg not indented by seed companies were distributed to NASC regional offices for the production of foundation seed by the registered outgrowers. Table 4 gives the details of distribution of breeder seeds to the regional offices of NASC and the only two seed companies that indented for the breeder seed in 2010.

S/N	Seed Crop	Total Available	NASC-South East	NASC-South West	NASC-North Central	NASC-North East	NASC-North West	Companies		
								Project	Savannah	Total
1	Rice	7,880	1,330	1,300	950	1,700	1,700	300	600	7,880
2	Soybean	270	20	20	40	85	85	10	10	270
3	Wheat	2,500				1,400	1,100			2,500
4	Millet	1,140				570	570			1,140
5	Maize	1,700	250	350	200	375	350	50	125	1,700
6	Sorghum	415				170	245			415
7	Cowpea	660	30	150	150	120	210			660
8	Ground nut	920				434	486			920
9	Cotton	1000		250		300	450			1,000
10	Sesame	45				25	20			45
	Total	16,530	1,630	2,070	1,340	5,179	5,216	360	735	16,530

2.1.4 Foundation Seed Production, 2010

A total of 508.10 Mt of foundation seed were produced by NASC registered outgrowers from the 16,530 Kg breeder seed distributed in year 2010. Only 265.58MT of foundation seed was tendered for procurement based on the reviewed appropriation. This leaves a balance of 242.52 MT with the outgrowers.

The details of the foundation seed production by NASC regional offices is contained on Table 5 below.

Table 5. Foundation Seed Production by Source, by Type, 2010 (MT)

S/N	Source	Maize - OPV	Rice-Lowland	Rice-Upland	Sorghum	Mill et	Cow pea	Soybeans	Groundnut	Sesame	Cotton	Total
1	NASC-Ibadan	35.84	42.00	5.70			12.10	0.40				96.04
2	NASC-Ilorin	7.20										7.20
3	NASC-Jos	27.20	105.00	97.85	6.57	4.68	6.05	4.75	11.00	1.60		264.70
4	NASC-Sheda		1.20	0.29								1.49
5	NASC-Umudike	11.20	30.00				1.10	1.00				43.30
6	NASC-Zaria	14.08	32.60	13.30	2.93	4.68	7.21	1.60	11.77		7.20	95.37
	Total	95.52	210.80	117.14	9.50	9.36	26.46	7.75	22.77	1.60	7.20	508.10

2.1.5 Foundation Seed Increase at Sheda

Due to increasing demand for some varieties and shortage of breeder seed, the NASC did some seed increase and planted 0.75 Ha of rice varieties from which a total of 1.49 mt of rice seed was obtained as shown in table 6.

Table 6. Foundation Seed Increase at Sheda by Type, 2010

S/N	Seed Type	Variety	Area Planted (Ha)	Quantity Produced (MT)
1	Rice-Lowland	FARO-44 (SIPPI)	0.15	0.30
2	Rice-Lowland	FARO-52 (WITTA-4)	0.15	0.30
3	Rice-Lowland	FARO-57 (TOX-4004)	0.30	0.60
5	Rice-Upland	FARO-55 (NRRICA-1)	0.15	0.29
	Total		0.75	1.49

2.1.6 Seed Processing and Storage

The Seed Processing Plant containing a dehumidified seed store at Sheda was completed and test-run during the year. The processing plant was commissioned by the Honourable Minister of Agriculture and Rural Development on 7th December, 2010 to support private sector initiative in seed production. The Processing machine (Petkus) has the capacity of processing 1mt of seeds per hour while the dehumidified store has the capacity of taking up to 10 MT of seeds.

2.2.0 SEED CERTIFICATION, QUALITY CONTROL, CROP REGISTRATION AND RELEASE DEPARTMENT

Within the framework of the 2010 work programme, Seed Certification, Quality Control, Crop Registration and Release activities were centred in the following areas:

- Seed certification activities to NARIs, Foundation Seed Programme, Seed Companies, ADPs and NGOs;
- Seed quality control checks on traded seed lots;
- Sampling of seed lots and seed testing for seed quality attributes;
- Educational and enlightenment programmes on the salient provisions of the Seeds Act and the National Seed Rules and Regulations.
- Examination of seed stock and marketing records of seed Dealers/Merchants, Seed Companies, ADPs and National Agricultural Research Institutes (NARIs).
- Grow-Out-Test for cultivar authenticity evaluation of stakeholders in seed enterprises in Nigeria.

2.2.1 Field Inspection

Within the framework of the ECOWAS regulations on seed certification, quality control and marketing of seeds and seedlings in the region, all the three classes of seeds, (Breeder, Foundation and Certified) produced by the National Agricultural Research Institutes (NARIs), International Agricultural Research Centres (IARCs), Seed Companies, NGOs and ADPs were registered for certification; and seed field inspections were duly carried out.

During the year under review, a total of 4713.83 hectares of crop seed fields were inspected. This consists of 145.18 hectares of Breeder seed crops of NARIs and IARCs (Table 7; Figs.4&5); 316.95 hectares of foundation seed crops produced by registered NASC Seed Outgrowers (Table 10), and 4,251.70 hectares of certified seed crops sown by Seed Companies, ADPs/FASCOMs, NGOs and CBOs (Table 7). Maize and Rice constituted about 53% and 26% of total fields inspected nationwide (Fig.4). The Seed Companies and the ADPs, recorded the major share of 67 % and 27 % respectively of the total area inspected in the year (Fig.5). Hybrid and Open Pollinated Varieties of Maize Certified Seed recorded 68 % and 32 % respectively of area sown to maize in 2010 by companies (Table 9, Fig.7&8).

Table 7: National- Certified Seed Field Inspection by Type, by Source, 2010 (Ha)											
S/N	Source	Maize	Rice	Sorghum	Millet	Cowpea	Soyabeans	Groundnut	Sesame	Cotton	Total
1	ADPs	478.80	272.75	23.00	108.00	74.80	23.25	18.50	1.00	134.00	1134.10
2	CBOs	104.50	110.45	8.50	37.00	19.50	7.75	27.60	1.00	5.50	321.80
3	COYS	1690.90	702.80	161.10	23.70	44.70	119.90	10.20	6.00	36.50	2795.80
	S/Total	2274.20	1086.00	192.60	168.70	139.00	150.90	56.30	8.00	176.00	4251.70

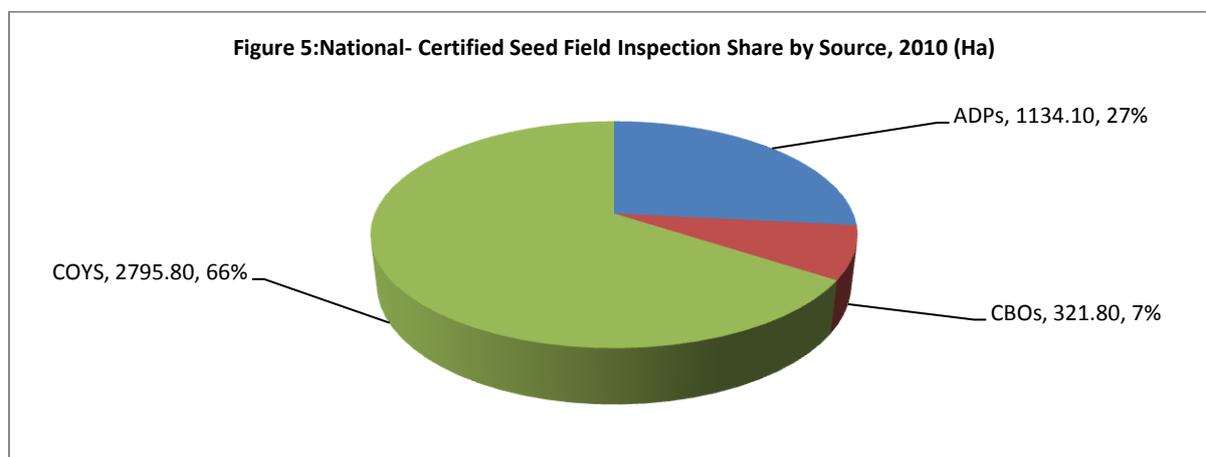
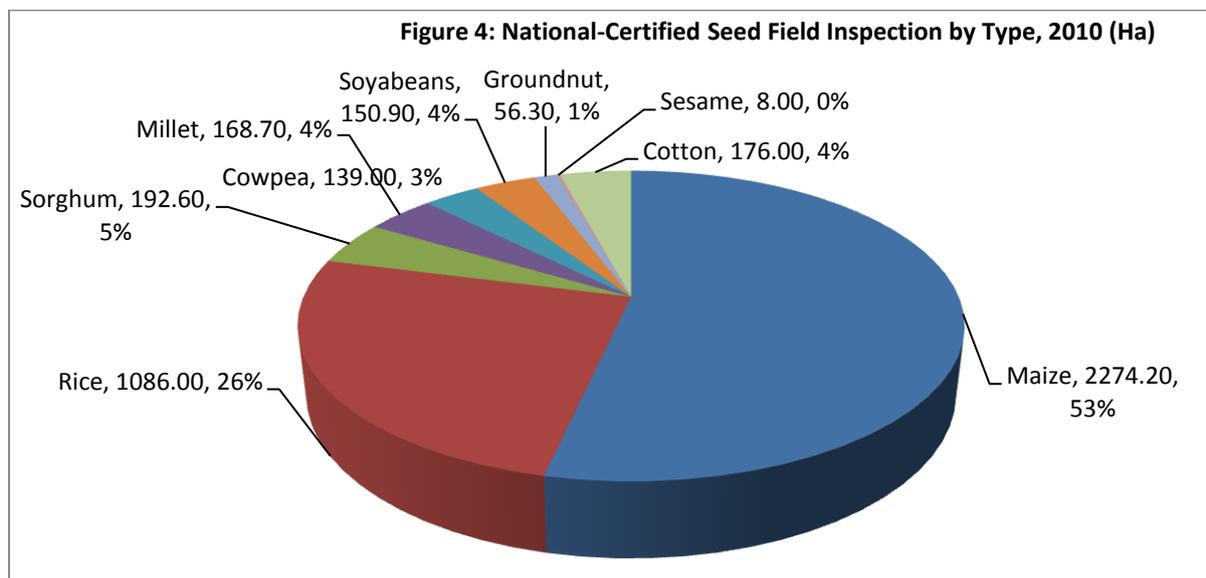


Table 8: National-Certified Seed Field Inspection by Type, by Zone, 2010 (Ha)											
S/N	Zone	Maize	Rice	Sorghum	Millet	Cowpea	Soyabeans	Groundnut	Sesame	Cotton	Total
1	North Central	41.00	83.00	1.50			1.50	9.80	2.00	6.00	144.80
2	North East	110.80	164.10	17.50	92.00	34.80	41.40	7.50		101.00	569.10
3	North West	2021.20	681.05	173.60	76.70	102.20	104.00	39.00	6.00	64.00	3267.75
4	South East	7.50	87.65								95.15
5	South South	3.20	17.80								21.00
6	South West	90.50	52.40			2.00	4.00			5.00	153.90
	Total	2274.20	1086.00	192.60	168.70	139.00	150.90	56.30	8.00	176.00	4251.70

Figure 6: National- Certified Seed Field Inspection Share by Zone, 2010 (Ha)

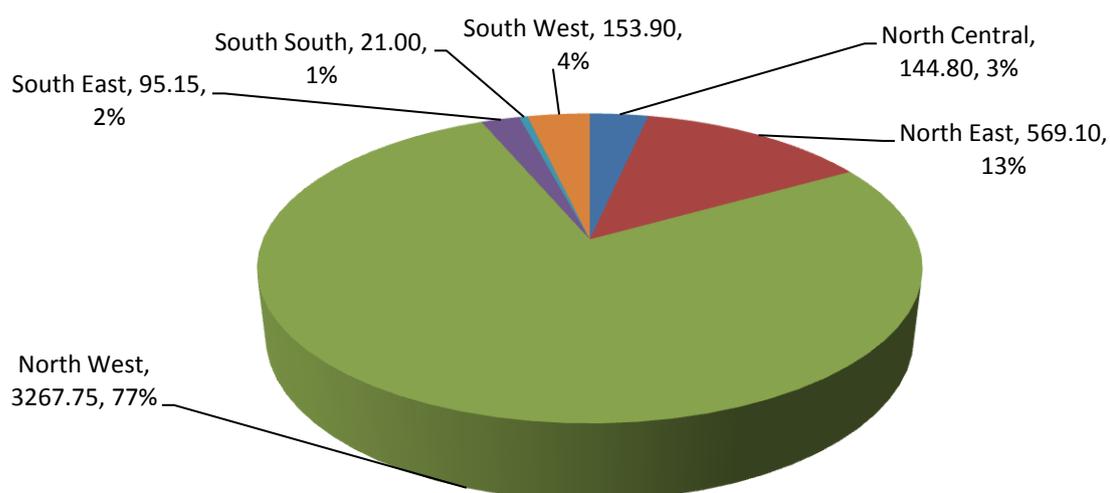


Table 9: Coys- Certified Seed Field Inspection by Type, by Source, 2010 (Ha)

S/ N	Coys Name	Maize OPVs	Maize-Hybrid	Rice-Lowlan d	Rice-Uplan d	Sorghum	Millet	Cowp ea	Soyab eans	Groun dnut	Sesa me	Cotton	Total
1	Alheri		29.00	4.20		13.00			10.00				56.20
2	Asmau	10.00		10.00									20.00
3	Da-All Green			8.90		26.10	2.00				6.00		43.00
4	Daddo	15.00											15.00
5	G.A.W.A			194.00	15.00								209.00
6	Girmal	5.00		8.00	3.00			2.00					18.00
7	Inganchi	7.00					4.00	1.00		3.00			15.00
8	Jikur	43.80		16.00	6.10			31.80	21.40				119.10
9	Kajoli			80.00									80.00
10	Maina	55.00		4.50			2.20	2.00					63.70
11	Manoma		54.00	1.00					4.50				59.50
12	Maslaha	65.60	233.00	98.00			15.50						412.10
13	MHN	10.00							20.00				30.00
14	Nagari	4.00	59.50	96.50					4.00				164.00
15	Premier	8.00	772.00	102.00		8.00		3.00	6.00				899.00
16	Sabore	10.00											10.00
17	Sanannah	58.00		40.00					5.00				103.00
18	Seed Project	60.00		5.40	1.20	14.00		4.90	6.00	5.20			96.70
19	Terratiga			4.00		100.00				2.00			106.00
20	Value	32.00		5.00									37.00
21	Wacot	160.00							43.00			36.50	239.50
	Sub Total	543.40	1147.50	677.50	25.30	161.10	23.70	44.70	119.90	10.20	6.00	36.50	2795.80
	G/Total	1690.90		702.80		161.10	23.70	44.70	119.90	10.20	6.00	36.50	2795.80

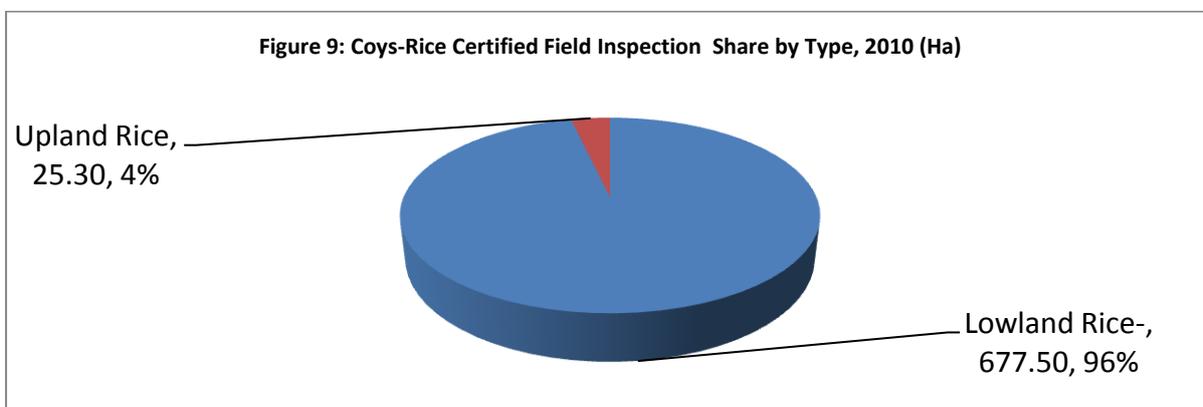
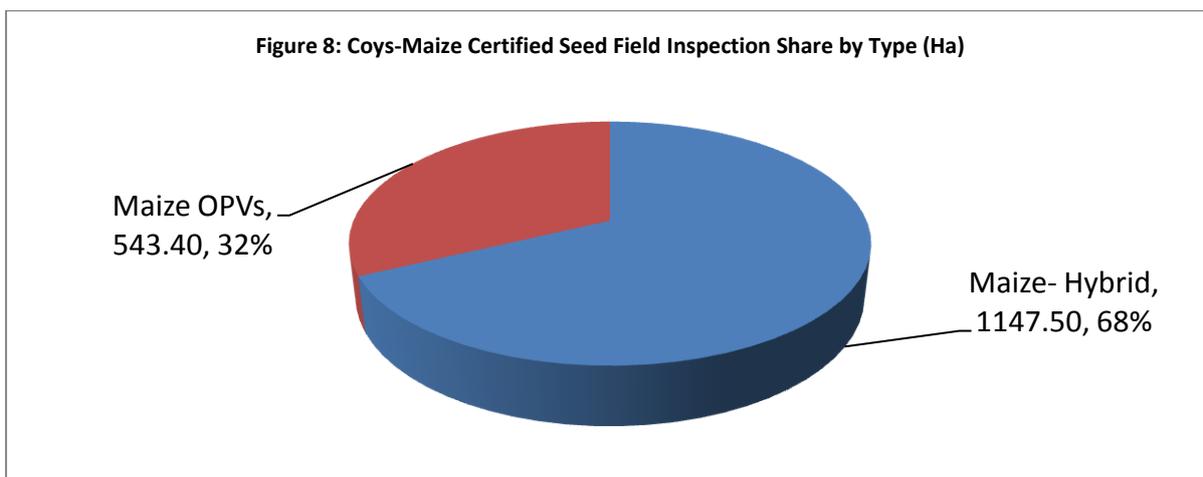
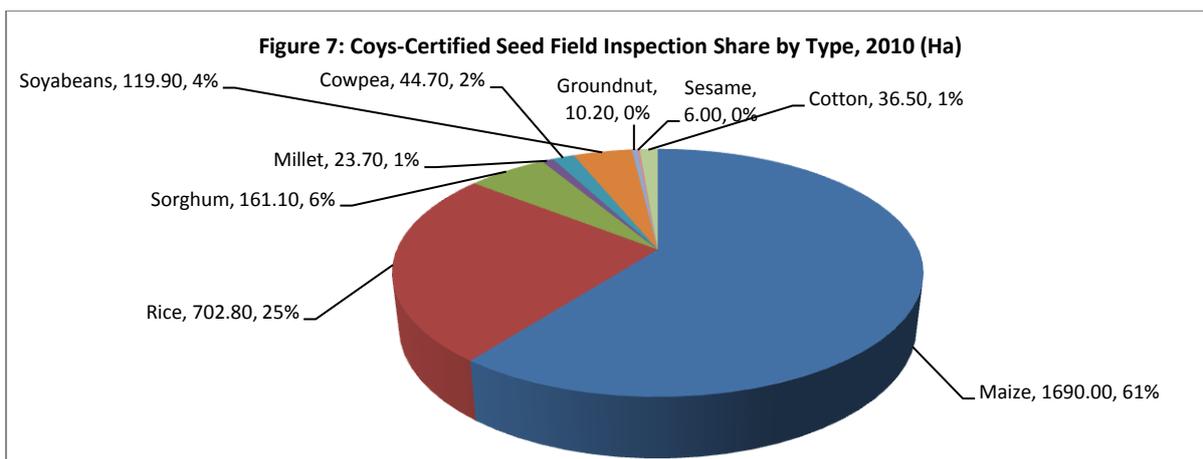
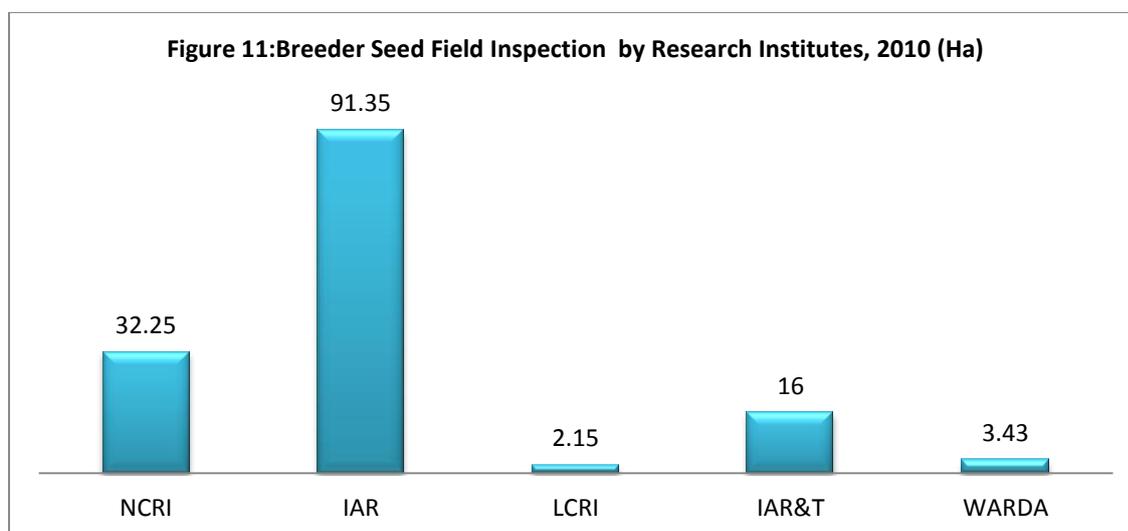
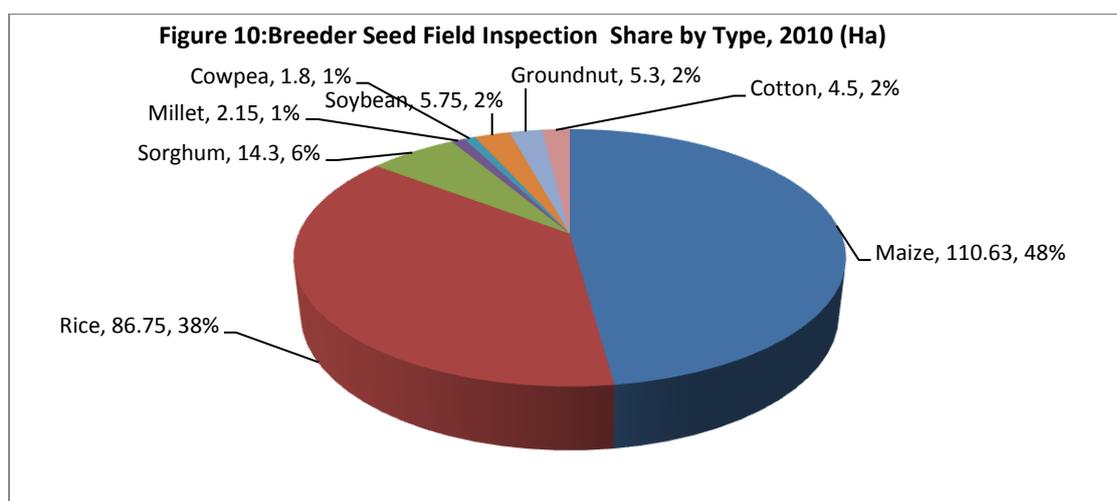


Table 10: Field Inspection of Foundation Seed by Source, by Type, 2010 (Ha)

S/N	Source	Maize-OPV	RiceLowland	RiceUpland	Sorghum	Millet	Cowpea	Soybeans	Groundnut	Sesame	Cotton	Total
1	NASC-Ibadan	22.40	21.00	3.00			11.00	0.40				57.80
2	NASC-Ilorin	4.50										4.50
3	NASC-Jos	17.00	52.50	51.50	5.05	5.20	5.50	4.75	10.00	2.00		153.50
4	NASC-Sheda		0.60	0.15								0.75
5	NASC-Umudike	7.00	15.00				1.00	1.00				24.00
6	NASC-Zaria	8.80	16.30	7.00	2.25	5.20	6.55	1.60	10.70		18.00	76.40
	Total	59.70	105.40	61.65	7.30	10.40	24.05	7.75	20.70	2.00	18.00	316.95

Table 11: Breeder Seed Field Inspection by Type, by Source, 2010 (Ha)

Seed Crop	NCRI	IAR	LCRI	IAR&T	WARDA	Total
Maize	-	70.75	-	16	-	86.75
Rice	21	-	-	-	3.43	24.43
Sorghum	-	14.3	-	-	-	14.3
Millet	-	-	2.15	-	-	2.15
Cowpea	-	1.8	-	-	-	1.8
Soybean	5.75	-	-	-	-	5.75
Groundnut	5.3	-	-	-	-	5.3
Sesame	0.2	-	-	-	-	0.2
Cotton	-	4.5	-	-	-	4.5
Total	32.25	91.35	2.15	16	3.43	145.18



2.2.2 SEED SAMPLING AND TESTING

Seed testing for analytical purity analyses, germination capacity, vigour and seed health screening are very important for seed quality assurances. Seed sampling activities during the period under review revealed that the revalidation test for purity analysis and germinability of 968 seed samples of carry over seed lots by Seed Companies was conducted in the zonal seed testing laboratories and the Central Seed Testing Laboratory. About 1,890 seed samples were drawn for seed quality assurance tests for the purpose of certification.

2.2.3 GROW OUT TEST (G.O.T)

In order to authenticate and evaluate the genetic purity of seed lots produced by the NARIs, IARCs (Breeder Seeds), NASC (Foundation seeds) and Seed Companies, ADPs, & NGOs (Certified Seeds) for the 2010 Seed marketing; G.O.T plots were established in the North West and North East Zones, and at the NASC Technical Headquarters, Sheda.

At Sheda, there were no distinctive differences in the uniformity exhibited by open pollinated varieties from those of the hybrid varieties from the G-O-T performance in year 2010. The variety SUWAN-I-SR-Y which is open pollinated from NASC Ibadan performed better in terms of yield with a yield of 4.00 MT/Ha while KAI-KAI-Y from Nagari Seeds performed well among the hybrid with a yield of 3.33Mt/Ha

At Zaria, Maize varieties Jo-195 (Alheri Seeds Ltd) and OBA 98 (Premier Seeds Ltd) excelled with highest yield of 3.67 MT/Ha each. These varieties were followed by yield of 3,60Mt/Ha and 3,57MT/Ha obtained from M-R-white (Maslaha) and ACR 97 (Seed Project Ltd) respectively. While varieties like NG Samaru from Nagari Seeds Ltd and TZPB-SR-W from NASC Zaria indicated lowest yield of 1,70MT/Ha and 2.07Mt/Ha respectively. In terms of uniformity, Kai-kai variety (Nagari Seeds Ltd) was found to be the most highly uniform with 92% uniformity, followed by Suwan-1-SR-Y (NASC Zaria) and ACR 97 (Seed Project Kano) which have the uniformity of 85% each. On the other hand, NG Samaru (Nagari Seeds Ltd) and M-S yellow (Manoma Seeds Ltd) showed least uniformity of 67% and 69% respectively.

Incidence of disease was noticed only in TZPB-SR-W plot (NASC Zaria) which was infested with streak virus and leaf spot fungus. Few off-types were discovered in some plots in the following levels: TZPB-SR-W (NASC store) = 0.3%, QPM Maslaha

Seeds) = 1.0, SDM-1 (Maslaha Seeds Ltd) = 0.4% M-S-Yellow (Manoma Seeds Ltd) = 1.0%, DMRE-SR-Y (Nagari) = 0.9% and NG Samaru (Nagari Seeds Ltd) =0.6%.



A team of NASC Staff inspecting the Grow-Out-Test Plots at Sheda and Zaria

CONCLUSION

The year 2010 GOT reveals that the evaluated hybrids exhibited declined uniformity which might result from over recycling of parental inbred lines. A national programme for maize parental inbred line seed production and maintenance is hereby recommended.

2.2.4 SEED LAW ENFORCEMENT

The rampant increase and widespread activities of spurious seed merchant across the nooks and crannies of the Country by unscrupulous overnight seed merchants, prompted the NASC in September, 2010 to organise Strategic Surveillance Activities in some cities in the North Central and North West Zone of the Country.

This was achieved through the established collaboration between the NASC and the Nigeria Security and Civil Defence Corps (NSCDC) and support from the Nigeria Police. The Strategic Surveillance Activity was carried out at Ilorin, Kano, Kaduna, Zaria, Funtua and Gusau. During the exercise about 560 Kg of seed that were not properly packaged, labelled and tagged were confiscated. The confiscated seeds were burnt publicly during a farmers' field day at Sheda – Abuja on the 20th October, 2010 by the Permanent Secretary, Federal Ministry of Agriculture and Rural Development in the presence of the Chairmen Senate Committee on Agriculture and the House Committee on Agriculture as well as other top government dignitaries, farmers and the media.



Confiscated seed publicly burnt in the presence of stakeholders

2.2.5 ACCREDITATION OF SEED ENTERPRISES

Prior to the take off of the NASC in 2007, the issue of accreditation of seed entrepreneurs in Nigeria did not receive adequate attention, thus resulting in Seed Companies operating in the country without any license. A total of 61 seed entrepreneurs applied to the Council for registration in various categories as stipulated in the National Agricultural Seeds Act No 72 of 1992. A National Committee on the Registration/Categorization of Seed Entrepreneurs with members drawn from the Corporate Affairs Commission, Seed Association of Nigeria, West African Seed Alliance and the NASC was constituted to consider the report of the In-House Multidisciplinary Committee of NASC, which scrutinized and evaluated the findings of the Teams that visited the sites/facilities of the applicants.

The National Committee based on the report on the 42 applicants whose facilities were inspected recommended that two (2) companies be licensed for Large Scale Seed Company Category; Three (3) for the Medium Scale Seed Company; Sixteen (16) as small scale Seed Company and Fourteen (14) in the Seed Dealer Category. Eight (8) applicants that could not meet up with the set criteria were recommended for closer monitoring and supervision.

The issuance of accreditation licences to these successful applicants was carried out on the 7th December 2010 by the Honourable Minister of Agriculture and Rural Development, Prof. Sheik Ahmad Abdullah in a ceremony at the NASC Technical Headquarters, Sheda – Abuja.



The Honourable Minister of Agriculture and Rural Development, Prof. Sheik Ahmad Abdullah presenting certificates of accreditation to the successful applicants for Seed Entrepreneur Licence.

2.2.6 SEED IMPORT

A total of six applications were received from SEC Equip. & Communication Nig. Ltd., FARMTRAC Ltd., MAITOKA Integrated Farms, DADDO Seeds & Seedlings Ltd., Flour Mills of Nig. Ltd., and Green Agriculture W.A Ltd. Seed companies with intent to import small quantities of seed (200g – 1000g) for variety evaluation trials across locations in Nigeria. Following the recommendation from the NASC on their applications, the Nigeria Agricultural Quarantine Service granted import licences to these companies. The seed samples have been received and the evaluation trials plots established by some of the companies.

2.2.7 SEED CROP DESCRIPTORS

In order to avail the Seed Certification Officers and stakeholders in the Seed Industry with requisite knowledge and information on the distinctive distinguishing characteristics of each officially released variety. The production of crop descriptors of released varieties commenced during the year. The Breeders were to develop prototypes of descriptors in colour for maize, rice, cowpea, soybean, sorghum, wheat, millet, cotton, groundnut, beniseed and vegetable seeds varieties for mass production by the Council. While few entries have been produced by some NARIs, however, due to protracted industrial strike by the NARIs during the year, the development of the prototype descriptors could not be fully completed. It is expected that this activity would be completed by end of May 2011 as directed by the National Variety Release Committee.

2.2.8 JOINT MONITORING INSPECTION OF THE BREEDER SEED (BS) PLOTS

A joint monitoring inspection of the Breeder seed plots and spot checks on the foundation and Certified fields of stakeholders was carried out by a team of officials from NASC, ARCN and Seed Companies. The exercise which was led by the Executive Director in the South-West and by other official in the South-East, North-West, North-Central and North-East Zones has the main objective of jointly checking the performance of BS plots and familiarizing themselves with the characteristics of the breeder seeds that they are expected to use in their productive activities in the coming season, and also spot check the activities of the Council's Seed Certification and Production Officers.

A total of 11.43 hectares of breeder seed fields of Maize, Cowpea, Cotton, Sorghum, Millet, Rice and Groundnut were inspected by the team out of which 1.5 hectares of Millet (SOSAT-C88) by Lake Chad Research Institute failed to meet up with the minimum standard due to high mix up of SOSAT-C88 and LCIC as well as high infestation of Downy mildew and Smut.



A team of NASC led by the Executive Director during the joint monitoring inspection of the Breeder seed plots of WARDA at Ikenne in 2010.

For Foundation Seed, a total of 60 hectares of Maize, Rice, Millet and Cotton were inspected out of which only 2.0 hectares failed due to inadequate isolation distance.

For Certified Seed, a total of 146.1hectares of certified seed fields of Maize, Sorghum, Rice, Millet, Cowpea, Groundnut and Soybean were spot checked out of which 16.4hectares were rejected by the team. The reason for the rejection was due to inadequate isolation, poor detasseling for hybrid maize and high infestation of diseases.



The Director, Seed Certification and Quality Control and representatives of Agric Research Council of Nigeria and seed companies carrying out spot checks on the seed plots of Premier Seeds at Kaya, KNARDA seed field and LCRI, Maiduguri

2.3.0 SEED INDUSTRY DEVELOPMENT TECHNICAL SUPPORT AND COMMERCIAL SERVICES DEPARTMENT

2.3.1 Development of Small/Medium Scale Seed Enterprise

The Programme is aimed at the development and growth of small and medium scale seed producers in the rural communities in order to enhance rural farmers' accessibility to quality seeds, increase their productivity and income and reduce the use of farmers' 'saved' seeds. Under this Programme, two (2) small-medium scale seed producing organisations namely: Jirkur Seed Producers Cooperative Society in Biu, Borno State and Maina Seeds, Kano ,Kano State were provided with a set of processing equipment comprising of 1 Rice Reaper,1 Maize Sheller and 1 Mobile Seed Processing Plant.



The Mobile Seed Processing Equipment, Rice Reaper and Maize Sheller

2.3.2 Rural Seed Marketing (Seed Enterprise Development)

In order to improve access of farmers to high quality improved seed at rural level, the Council during the year embarked on the construction of 37 No branded kiosks through the Forestry Research Institute of Nigeria (FRIN), using the Institute's developed technology of wooden cement board (termite resistant and heat tolerant). The production and delivery of these kiosks was hampered by the strike in the Agricultural Research Institutes during the year. However, the International Fertilizer Development Center (IFDC) and Agro dealers have been alerted to take delivery of the kiosks when completed. Each beneficiary is expected to repay the cost of the kiosks at government approved 50% subsidy over a four year period.

2.3.3 Highway Demonstration Programme

The focus is to practically demonstrate the superiority of hybrids maize over open pollinated maize varieties. It is also to showcase the superiority of other high quality improved crop varieties over the local ones and allow farmers choose the best varieties that suit their socio- economic needs. During the year, the demonstration plots were established at various locations as shown in table 12 below.

Table 12: Hybrid/Open Pollinated Maize Varieties (OPVs) Highway Demonstration and other High Quality Crop Varieties Trials, 2010

S/N	Region	State	LGA	Location	Seed Crop	Varieties	Yield (MT/Ha)	
1	North West	Kaduna	Samaru	Zaria-ABUTH	Opposite	Maize-Hybrid	SDM-1	2.2
		Kaduna	Samaru	Zaria-ABUTH	Opposite	Sorghum	CSR-02	2.6
		Kaduna	Samaru	Zaria-ABUTH	Opposite	Soyabeans	TGX-1448-2E	2.24
2	North East	Plateau	Jos South	Haipang-Jos		Maize-OPV	SUWAN-1-SR	destroyed by grazing cattle
		Plateau	Jos South	Haipang-Jos		Rice	FARO-44	destroyed by grazing cattle
3	North Central	Niger	Tatanja	Mutum Daya		Maize-OPV	SUWAN-1-SR	1.4
		Niger	Tatanja	Mutum Daya		Soyabeans	TGX-1019-2EB	2.0
	North Central	FCT	Kwali	Sheda		Maize-Hybrid	KAI-KAI	2.04
		FCT	Kwali	Sheda		Rice	FARO-44	0.64
		FCT	Kwali	Sheda		Soyabeans	TGX-1448-2E	2.0
		FCT	Kwali	Sheda		Sorghum	SAMSORG-17	2.0
4	South East	Imo	Orlu	Umuaka		Maize-Hybrid	OBA-98	destroyed by flood
		Imo	Orlu	Umuaka		Rice	FARO-55	destroyed by flood
5	South West	Oyo	Lagelu	Lagun-Egbeda		Maize-Hybrid	OBA-98	1.28

Five Seed Companies namely Premier, Maslaha, Alheri, Nagari and Savannah Seeds nominated entries for the trials and the result of the trials is as shown in Table 13.



Highway Demonstration Plots at Sheda



Some Secondary School students at Highway Demonstration Plots in Sheda

Table 13: Average Weight of Varieties Nominated by Seed Companies under 2010 Highway Demonstration at Sheda.

S/N	Seed Company	Varieties Nominated	Weight of 3 Rows (kg)	Weight of Replicate (Kg)	Yield (MT/Ha)
1	Premier Seed Ltd	Oba 98	41	40	3.65
2		Oba I	40	38	3.51
3		Oba Super 2	36	38	3.30
4	Maslaha Seeds	SDM 1;	35	36	3.20
5		SDM II	41	38	3.56
6		Suwan 1 SR	34	32	2.97
7		QPM	36	32	2.97
8	Alheri Seeds	Jo -F	35	34	3.10
9		Jo -1	36	38	3.30
10	Nagari Seeds	NG – Samaru	38	35	3.28
11		Kai Kai	38	39	3.47
12	Savannah Seeds	Plateau I	37	36	3.28
13		Plateau II	38	37	3.38
14	Control	Local	34	30	2.88

Field days were held at Sheda (North Central) on 20/10/2010 and Lagun Egbeda, Oyo State (South West) on 1st December 2010. In Sheda FCT, over 250 farmers drawn from all the Area Councils in Abuja participated. Important dignitaries present at the occasion include: the Permanent Secretary, Federal Ministry of Agriculture and Rural Development Mrs Fatimah Bamidele; Royal Fathers; Chairman Senate Committee on Agriculture; Chairman House Committee on Agriculture; Chairman NASC Governing Board Dr. James Bala Angbazo; Executive Director (NASC); Executive Directors of other agencies; Programme Managers of ADPs; Managing

Directors of Seed Companies; President of Rice Farmers Association of Nigeria (RIFAN), Maize Association of Nigeria and other NGOs, Farmers, Students etc.

During the field day at Sheda, most farmers showed interest in Oba 98 and Oba Super 1 from Premier Seeds Ltd, NG Samaru from Nagari Seeds Ltd and SDM II from Maslaha which was attributed to large cobs produced by these hybrids. Also from data analysis, Oba 98 recorded the highest yield of 40.5kg and SDM II 39.5kg for the three rows weighed.

It was also observed that the OPVs compared favourably with the hybrids. This is due to the fact that, most of the inbred lines from the seed companies have been over recycled, hence the need to obtain new inbred lines for multiplication.

The field day conducted at Lagun also witnessed a large turn-out of 100 farmers. The field days at Sheda was adequately covered by the Nigeria Television Authority (NTA), AIT, News Agency of Nigeria (NAN) and print media like Nigerian Tribune, Daily Trust, Leadership and Guardian Newspapers.

It is suggested that:

- Seed Companies obtain new inbred lines from the Research Institutes for multiplication;
- Seed Industry Development Officer who carry out these Promotions and Demonstrations should further be trained to acquire modern technical skill in seed production/technology

Table 14: Farmers Varietal Preference under the Highway Demonstration Program by Location, 2010

S/N	State	Community	Seed Source	Type	Variety	Remark
1.	Niger	Mutundaya	Nagari	Hybrid	NG Samaru Kai-kai	Big Cob size
	Niger	Mutundaya	Alheri	Hybrid	Jo - F Jo - 1	Early maturing and big cob
	Niger	Mutundaya	Manoma	Hybrid	Mr. White Mr. Yellow	Short stalk and big cob
	Niger	Motundaya	Savannah	Hybrid	Plateau -1 Plateau -2	
	Niger	Mutundaya	Maslaha	Hybrid OPV	QPM SDM -1 SDM -2 Suwan-1-SR	
	Niger	Mutundaya	Premier	Hybrid	Oba -1 Oba -2 Oba -98 Mr. Yellow	Early maturing and draught resistant. (All Varieties)
	FCT	Sheda	Premier	Hybrid	Oba 98 Oba I	OBA 98 is earlier maturing (95 days) and has large cobs
		Sheda	Nagari	Hybrid	NG Samaru	Large Cobs
		Sheda	Maslaha		SDM -2	Large Cobs
	Oyo	Lagun- Lagelu LGA	Nagari	Hybrid	Kaikai	Big Cob Size
		Lagun- Lagelu LGA	Maslaha	Hybrid	SDM 2	Large Cob Size
		Lagun- Lagelu LGA	Maslaha	OPV	Suwan I SR	Big Cob Size
		Lagun- Lagelu LGA	Maslaha	OPV	QPM	
		Lagun- Lagelu LGA	Alheri	Hybrid	Jo- F	Early Maturing
		Lagun- Lagelu LGA	Premier	Hybrid	Oba 98 Oba Super	Early Maturing

2.3.4 Production of Radio Jingles and Television Documentary

Radio jingles in 3 major Nigeria languages- Hausa, Igbo, Yoruba and English were produced at the on-set of farming season to educate farmers on the need to source improved certified seeds from registered seed companies for increased productivity and income and avoid the use of fake seeds. They were aired on FRCN Network Abuja and FRCN Regional stations in May 2010.

2.3.5 Community Based Seed Programme

This is aimed at encouraging the growth and development of community seed producers and ensuring the diffusion and use of high quality improved seeds by farmers in the rural communities. In addition, it will also help minimise the use of 'saved seeds' by farmers. The programme was organised during the year at various locations as shown in Table 15

S/N	Zone	State	Community	Seed Crop	Variety	Ha. Established	Yield (MT)
1	South West	Ogun	Ago Iwoye	Maize	Suwan-1-SR-Y	0.50	0.44
2	South West	Ogun	Ibooro	Rice	Faro 55	0.40	0.85
3	South West	Osun	Obamoro	Maize	Suwan-1-SR-Y	1.00	1.12
4	North Central	Niger	Mutum Daya	Rice	Faro 44	1.00	0.56
5	North Central	Nassarawa	Doma	Sesame	NCRIBEN-02M	1.00	0.22
6	North East	Adamawa	Mayo Belwa	Sorghum	SK 5912	1.00	1.1
7	South East	Anambra	Umuolum	Rice	Faro 44	1.00	0.80
					Total	5.90	5.09

S/N	State	Community	Source	Crop	Variety	Remarks
1	Benue	Katsina Ala	NASC	Maize-OPV	QPM	Nutritive value
	Benue	Ogobia	NASC	Maize-OPV	QPM	Nutritive Value
2	Ogun	Ago Iwoye	NASC	Maize-OPV	SUWAN-1- SR	High yielding and big cob size
	Ogun	Ibooro	NASC	Rice	FARO-55 (NERICA-1)	High yielding
3	Imo	Umolum	NASC	Rice	FARO 44 FARO 52 FARO 57	High yielding
4	Niger	Mutum-Daya	NASC	Maize-Hybrid	JOF-1	Big Cob size
5	Nassarawa	Doma	NCRI	Sesame	NCRI BEN 02	High oil content

Field days were held at Doma Nasarawa State on the 3rd of December 2010 (North East); Umuolum Anambra State on the 10th of December 2010 (South East Region) and Ago Iwoye Ogun State on 16th December, 2010 (South West Region) respectively on the established Community Seed Plots. Three Hundred and Fifty participants from ADPs, NGOs, and farmers participated. About 5.09 MT of certified seed was obtained from the community based seed programme as shown in Tables 15, 16 and Fig. 12 showed the hectares and production under NASC CSP and collaboration with Universities of Agriculture under the SEV

2.3.6 Seed Extension Village (SEV)

This programme is being implemented in collaboration with the Universities of Agriculture, Makurdi and Abeokuta respectively. The objective of the S.E.V is to use selected villages as platform to show the necessity of using improved seed and also extend the technology to other catchment villages through the diffusion of improved seeds. This has been achieved to a large extent by the general adoption of quality protein maize (QPM) which is regarded as weaning food for infants and children in the communities where the program was executed particularly in Katsina Ala, Benue State where a high demand for this variety has been generated. In Abeokuta, Suwan 1 and Nerica 1 have been generally adopted. Table 17, 18, 19 & Fig.12

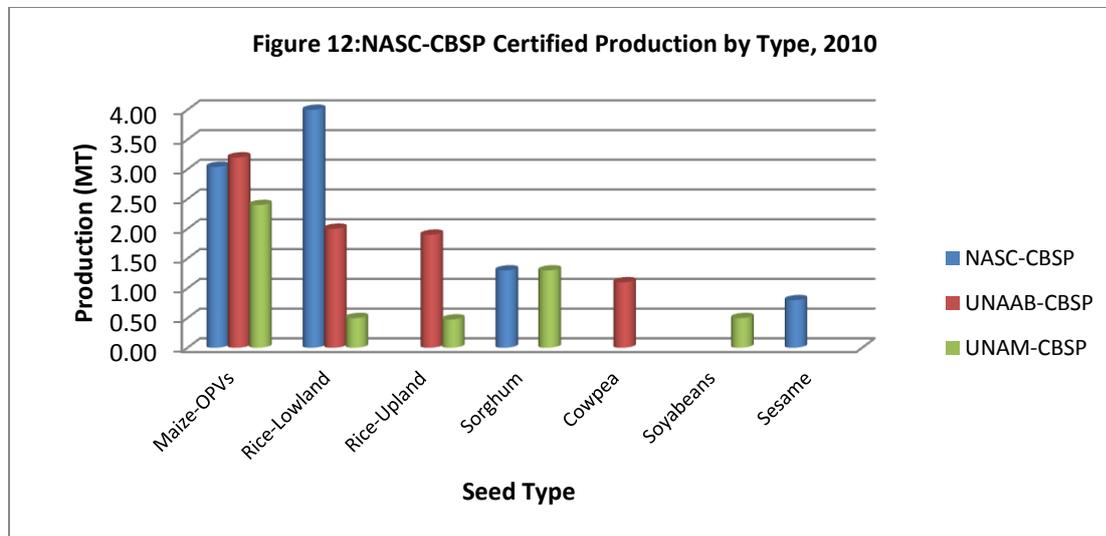
Table 17: NASC-CBSP Certified Seed Field Inspection, 2010 (Ha)

S/N	Produce r	State	Communit y	Maiz e- OPV s	Rice- Lowlan d	Rice- Uplan d	Sorghu m	Cow pea	Soyab eans	Sesam e	Total
1	NASC-CBSP	Adamawa	Mayo Belwa				1.00				1.00
		Anambra	Umuolum		1.00						1.00
		Nasarawa	Doma							1.00	1.00
		Niger	Mutum Daya		1.00						1.00
		Ogun	Ago Iwoye	0.50							0.50
		Ogun	Ibooro	0.40							0.40
		Osun	Obamoro	1.00							1.00
	Total			1.90	2.00		1.00			1.00	5.90
2	UNAAB -CBSP	Ogun	Adao	1.00				0.50			1.50
		Ogun	Ishaga Orile					0.50			0.50
		Ogun	Moloko Ashipa	1.00		1.00					2.00
		Ogun	Odeda		1.00						1.00
	Total			2.00	1.00	1.00		1.00			5.00
3	UNAM-CBSP	Benue	katsina-Ala	0.50	0.25	0.25			0.50		1.50
		Benue	Makurdi	0.50			0.50				1.00
		Benue	Otukpo	0.50			0.50				1.00
	Total			1.50	0.25	0.25	1.00		0.50		3.50
	G/ Total			5.40	3.25	1.25	2.00	1.00	0.50	1.00	14.40

Table 18: NASC- CBSP Certified Seed Production by Type, 2010 (MT)									
S/N	Producers	Maize- OPVs	Rice- Lowlan d	Rice- Uplan d	Sorghu m	Cowpea	Soyab eans	Sesame	Total
1	NASC-CBSP	3.04	4.00		1.30			0.80	9.14
2	UNAAB-CBSP	3.20	2.00	1.90		1.10			8.20
3	UNAM-CBSP	2.40	0.50	0.48	1.30		0.50		5.18
	Total	8.64	6.50	2.38	2.60	1.10	0.50	0.80	22.52

Outcome: Community Based Seed Production Programme

About 22.52mt of different improved varieties of Maize (QPM; SUWAN 1 SR Y); Rice (Faro 44 and Faro 55); Sorghum (SK 5912); Sesame (NCRI Ben 02M) and Cowpea (IAR 48) were popularized and diffused in the implementing communities.



2.3.7 MULTINATIONAL NERICA RICE DISSEMINATION PROJECT (MNRDP)

The Council participated in the meetings organised by the Coordinating Office on 16th and 23rd June and the budget meeting held in July 2010 respectively. The Department’s Director participated at the International Executive Training Participatory Leadership and Good Governance Conference held in Gambia from 1st – 5th March 2010.

The Council is yet to receive any fund from the Coordinating Office since the beginning of the year despite repeated letters written to that effect.

15.72MT of Nerica 1 foundation seed was supplied to Taraba (3.0MT), Nasarawa (5.0MT) and Ondo (7.57MT) for their 2010 certified seed production. Payment is yet to be made by the Coordinating Office.

2.3.8 ECOWAP/CAADP – NATIONAL AGRICULTURAL INVESTMENT PLAN (NAIP)

The Council submitted six (6) project profiles at the ECOWAP/CAADP Retreat on the preparation of NAIP held in Kaduna between 19th and 21st May 2010, Messrs Fashola D. (SIDTS&CS) and Dr. Abimiku represented the Council at the retreat.

The profiles submitted were for:

- Foundation Seed Multiplication Programme;
- Tree and Horticultural Seed Programme;
- National Programme on Pasture Seed;
- Seed Industry Development Programme;
- Seed Certification and Quality Control;
- Seed Research and Studies. Funding gaps for these projects were identified and also submitted.

These projects were also adopted at the retreat on the National Agricultural Investment Plan held at Reiz Hotel Abuja – 29th – 30th July 2010. So far, these projects have been retained in the final December 2010 NAIP document. The Steering Committee of the CAADP (SAAKS) was inaugurated on 22nd December, 2010 by the Honourable Minister of Agriculture.

Effort is being made to re-prioritize the projects soon, however, in view of the importance of seed in agricultural production, it is envisaged that, none of the Council's projects will be affected.

As part of the CAADP initiative, USAID has packaged a programme tagged "Feed the Future (FTF)" aimed at capacitating future African Leaders. Report on this has already been forwarded to the Executive Director for information.

2.3.9 Workshops/Meetings and Conferences Attended

The Department attended the following meetings/workshops:

- International Executive Training Participatory Leadership and Good Governance Conference, The Gambia 1st – 5th March 2010;
- Local governments/ Development Areas of Adamawa State's Agricultural Show 2010 held at Mahmud Ribadu Square, Jimeta-Yola - 3rd – 12th May 2010;
- Preparation of National Agriculture Investment Plan (NAIP) on ECOWAS/CAADP, Kaduna – 19th – 21st May 2010;
- National Validation Workshop for Seed Policy and Demand Survey, Chelsea Hotel Abuja -27th May 2010;
- Stakeholders Roundtable Meeting on the Collection of Price and Information on Agro-Input in Nigeria at Gracious Hotel, Garki II Abuja – 24th June 2010;
- Retreat on National Agriculture Investment Plan (NAIP),Reiz Hotel Abuja, 29th – 30th July 2010;

- General Assembly of Nigerian Farmers, Yola Adamawa 1st – 3rd August 2010.
- National Consultation Workshop on the Seed System of Nigeria held at Bolingo Hotels Central Business District- 21st October 2010;
- Seed Policy Enhancement in Africa Region (SPEAR)-Lunching Agenda held at the Conference Room, NASC Headquarters, 2nd December 2010;
- CAADP Programme Design and Implementation Workshop: Focus on Value Chains, Dakar Senegal 1st – 3rd December 2010;
- National Rice Development Strategy Stakeholders Forum held at Rock View Hotel Wuse II Abuja, 9th -10th December 2010;
- **World Food Day/Field Days:** The Council participated in the 2010 world food day programmes, and field days as indicated below:

World Food Day (16th October, 2010); Field days: North Central (20th October 2010); North East (3rd December 2010); South West (1st & 16th December 2010 and South East (10th December, 2010).



The Honourable Minister of State, Permanent Secretary Federal Ministry of Agriculture and Rural Development and a cross section of participants at the the Council's exhibition stand during 2010 World Food Day celebration

2.4.0 SEED INFORMATION DATA MANAGEMENT AND CAPACITY BUILDING DEPARTMENT

2.4.1 National Seed Policy Document

The preparation of the National Seed Policy Document which started in 2009 was concluded during the year with the organization of the National Stakeholders Workshop for the Validation of the Seed Policy Document held on the 7th June, 2010 at Chelsea Hotel, Abuja. The Workshop, which was chaired by the Honourable Minister of Agriculture and Rural Development, Prof. Sheik Abdullah had in attendance representatives from the Research Institutes, Private Seed Companies, NGOs, Financial Institutions, Federal Ministry of Agriculture and Rural Development, etc.

Highlights of the recommendations include:

- a. The National Seed Policy for Nigeria should be presented to the National Council on agriculture (NCA) as articulated for its formal adoption in line with due policy process and for the concurrence of the States that have coordinate jurisdiction on matters of agricultural development of the country.
- b. The National Seed Policy for Nigeria should be presented to the Federal Executive Council (FEC) as adopted by NCA, for its approval and to make provision in the national budget for the lumpy expenditures involved at implementation stage.
- c. The National Seed Policy for Nigeria should be published as approved to serve as handbook for use by all and sundry in the stakeholder community generally and by actors specifically in the seed industry.
- d. The National Seed Policy for Nigeria should be presented to the National Assembly as published, for the legislation of relevant aspects of the policy into law to back up the implementation.
- e. The National Seed Policy for Nigeria, as to be adopted, approved, published and legislated, should be followed up with the formulation of Implementation strategy that provides the details in terms of, instrumentation, investments, incentives and other components of it.



Cross Section of Participants at the Validation Workshop on the National Seed Policy.

2.4.2 Skill-Gap Analysis and Needs Assessment

The Skill Gap Analysis and Needs Assessment Study which started in 2009 were completed during the year. The study identified major areas of deficiency in the capacity of the present operators in the seed industry and made recommendations for addressing such skill gaps in the short, medium and long term.

Training Needs Assessment

The highlight of the report showed that there were both qualitative and quantitative gaps in the Council that need to be attended to at various degrees for the Council to achieve the goals and objectives of its existence.

Areas of critical training needs identified include:

- Seed law enforcement
- Research on demand and need of farmers (even for seed companies)
- Policy issues
- Seed import and export

In addition, training needs in areas that are common to all the departments include:

- Induction/refresher course
- ICT
- Management of change
- Gender issues

Based on this, a three year training plan was developed

2.4.3 2010 Seed Survey

The conduct of the 2010 Seed Survey was carried out in September 2010 to monitor the seed system and gather information on breeder, foundation and certified seed production and marketing from the different categories of seed producers comprising Research Institutes, NASC, Seed Companies, NGOs/CBOs, and ADPs

Summary of major findings from the survey are as follows:

2.4.3.1 Seed Production

The major seed crops covered in the survey were nine namely: Maize (Hybrid and Open Pollinated Varieties), Rice (Lowland and Upland), Sorghum, Millet, Cowpea, Soybean, Sesame, and Cotton. A total of 508.10 MT of foundation seed and 6409.14 MT for certified seed were obtained nationwide. Maize and Rice constitute about 3,409.22MT (53%) and 2155.18MT (34%) of the certified seed produced respectively. About 4,309.46MT (67%) of the certified seed was produced by the seed companies while ADPs and NGOs contributed about 1614.49MT (25%) and 485.19MT (8%) respectively. (Table19-25 & Fig.13-27)

2.4.3.2 Hectarage under Cultivation

The survey showed that 4,630.75 Ha of seed made up of 4251.70 Ha and 316.95 Ha of certified and foundation seed respectively was under cultivation. About 2795.80 Ha (66%) Ha of seed fields of seed companies, 1,134.10 Ha of ADPs seed fields (27%) and 321.80 Ha of seed fields of NGOs (7%) respectively was under cultivation. (Table 7-10 & Fig.4-9)

Table 19: Certified Seed Production by Type, by Source, 2010(MT)											
S/N	Source	Maize	Rice	Sorghum	Millet	Cowpea	Soybeans	Groundnut	Sesame	Cotton	Total
1	COYs	2475.94	1403.07	209.43	21.33	49.17	119.90	11.22	4.80	14.60	4309.46
2	ADPs	766.08	541.03	29.90	97.20	82.28	23.25	20.35	0.80	53.60	1614.49
3	CBOs	167.20	211.08	11.05	33.30	21.45	7.75	30.36	0.80	2.20	485.19
	Total	3409.22	2155.18	250.38	151.83	152.90	150.90	61.93	6.40	70.40	6409.14

Figure 13: National-Certified Seed Production Share by Type, 2010 (MT)

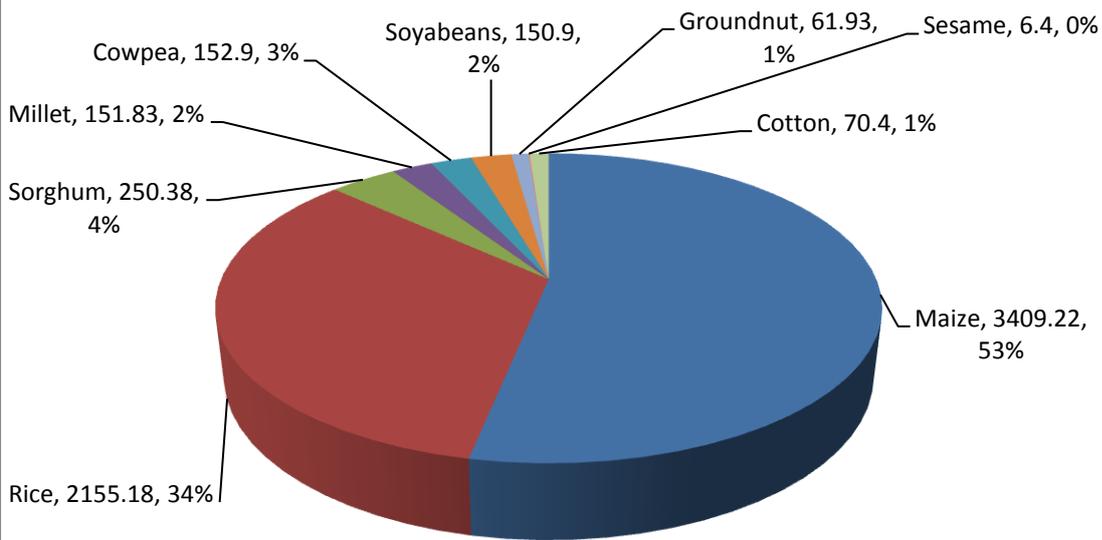


Figure 14: National-Certified Seed Production Share by Source, 2010 (MT)

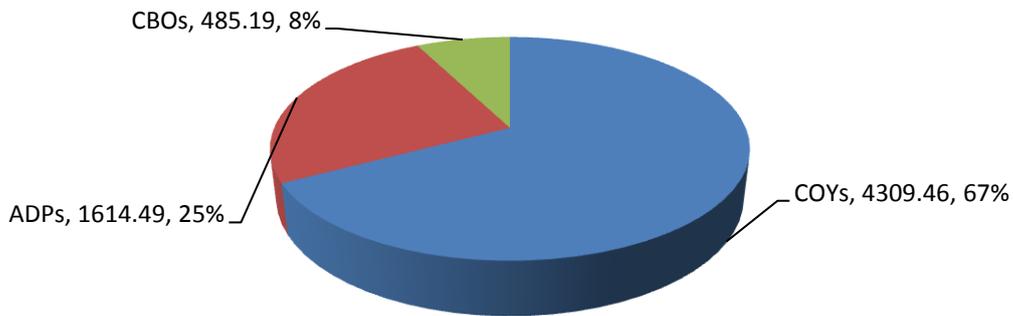


Table 20: Certified Seed Production by Type, by Source, 2010 (MT)

S/N	Source	Maize	Rice	Sorghum	Millet	Cowpea	Soyabeans	Groundnut	Sesame	Cotton	Total
1	COYs	2475.94	1403.07	209.43	21.33	49.17	119.90	11.22	4.80	14.60	4309.46
2	ADPs	766.08	541.03	29.90	97.20	82.28	23.25	20.35	0.80	53.60	1614.49
3	CBOs	167.20	211.08	11.05	33.30	21.45	7.75	30.36	0.80	2.20	485.19
	Total	3409.22	2155.18	250.38	151.83	152.90	150.90	61.93	6.40	70.40	6409.14

Table 21: National-Certified Seed Production by Type, by Zone, 2010 (MT)

S/N	Zone	Maize	Rice	Sorghum	Millet	Cowpea	Soyabeans	Groundnut	Sesame	Cotton	Total
1	North Central	65.60	163.28	1.95			1.50	10.78	1.60	2.40	247.11
2	North East	177.28	323.19	22.75	82.80	38.28	41.40	8.25		40.40	734.35
3	North West	3004.42	1357.36	225.68	69.03	112.42	104.00	42.90	4.80	25.60	4946.21
4	South East	12.00	175.25								187.25
5	South South	5.12	35.45								40.57
6	South West	144.80	100.66			2.20	4.00			2.00	253.66
	Total	3409.22	2155.19	250.38	151.83	152.90	150.90	61.93	6.40	70.40	6409.15

Figure 15: National-Certified Seed Production Share by Zone, 2010 (MT)

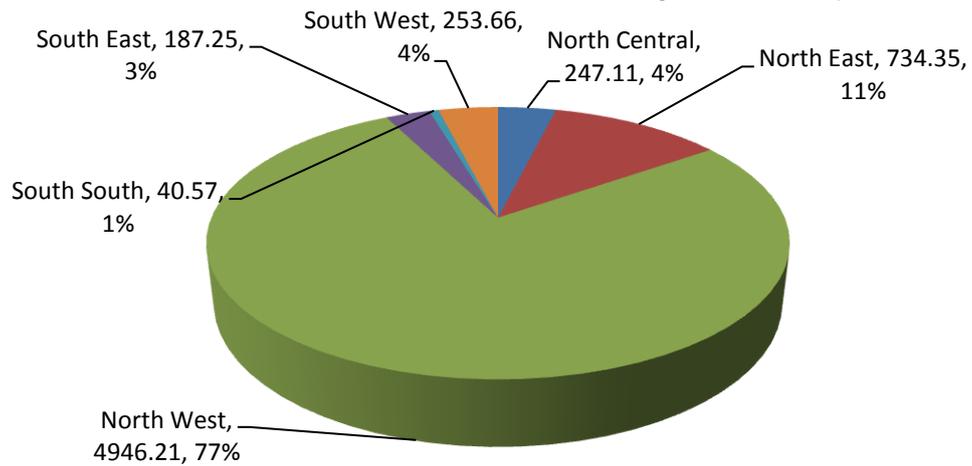


Figure 16: National-Maize Certified Seed Production Share by Type, 2010 (MT)

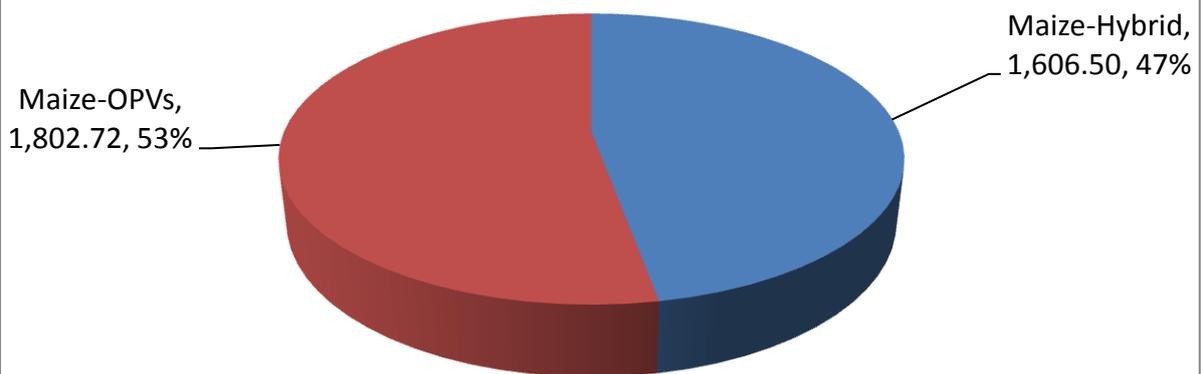


Figure 17: National-Rice Certified Seed Production Share, 2010 (MT)

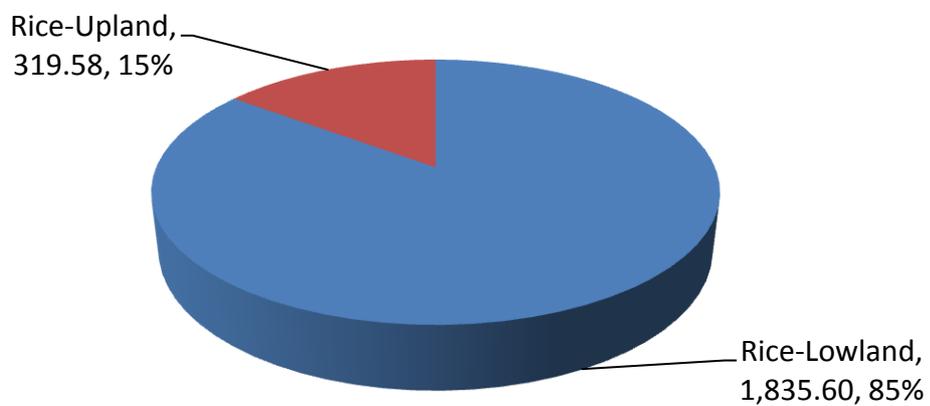
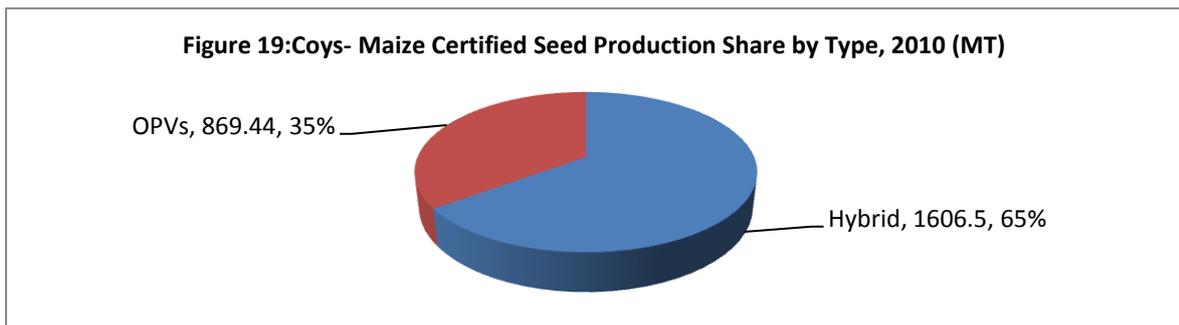
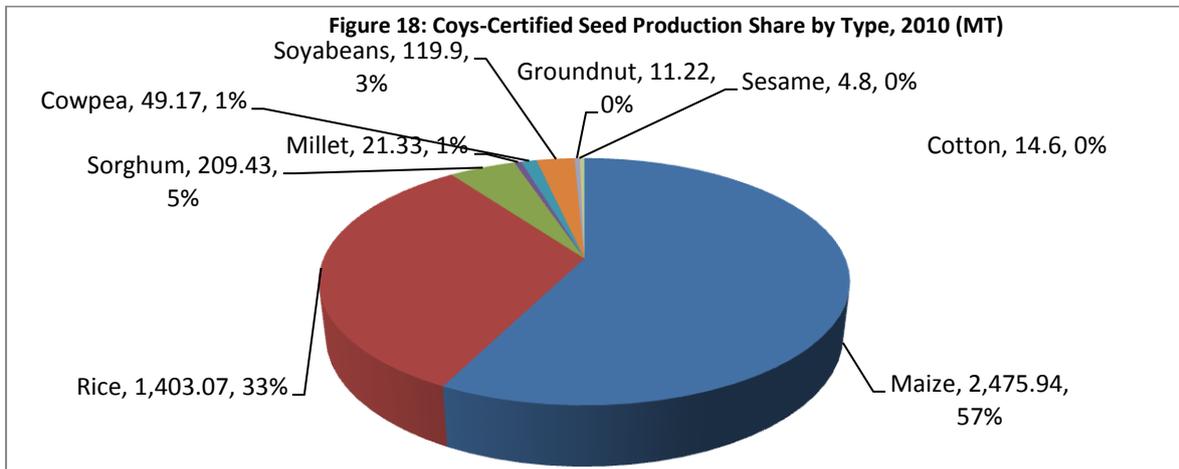


Table 22: Coys-Certified Seed Production by Type, 2010 (MT)													
S/N	Coys Name	Maize-OPVs	Maize-Hybrid	Rice-Lowland	Rice-Upland	Sorghum	Millet	Cowpea	Soyabeans	Groundnut	Sesame	Cotton	Total
1	Alheri		40.60	8.40		16.90			10.00				75.90
2	Asmau	16.00		20.00									36.00
3	Da-AlGreen			17.80		33.93	1.80				4.80		58.33
4	Daddo	24.00											24.00
5	G.A.W.A			388.00	28.50								416.50
6	Girmal	8.00		16.00	5.70			2.20					31.90
7	Inganchi	11.20					3.60	1.10		3.30			19.20
8	Jikur	70.08		32.00	11.59			34.98	21.40				170.05
9	Kajoli			160.00									160.00
10	Maina	88.00		9.00			1.98	2.20					101.18
11	Manoma		75.60	2.00					4.50				82.10
12	Maslaha	104.96	326.20	196.00			13.95						641.11
13	MHN	16.00							20.00				36.00
14	Nagari	6.40	83.30	193.00					4.00				286.70
15	Premier	12.80	1080.8	204.00		10.40		3.30	6.00				1317.30
16	Sabore	16.00											16.00
17	Savannah	92.80		80.00					5.00				177.80
18	Seed Project	96.00		10.80	2.28	18.20		5.39	6.00	5.72			144.39
19	Terratiga			8.00		130.00				2.20			140.20
20	Value	51.20		10.00									61.20
21	Wacot	256.00							43.00			14.60	313.60
	Sub Total	869.44	1606.5	1355.0	48.07	209.43	21.33	49.17	119.90	11.22	4.80	14.60	4309.46
	G/ Total	2475.94		1403.07		209.43	21.33	49.17	119.90	11.22	4.80	14.60	4309.46



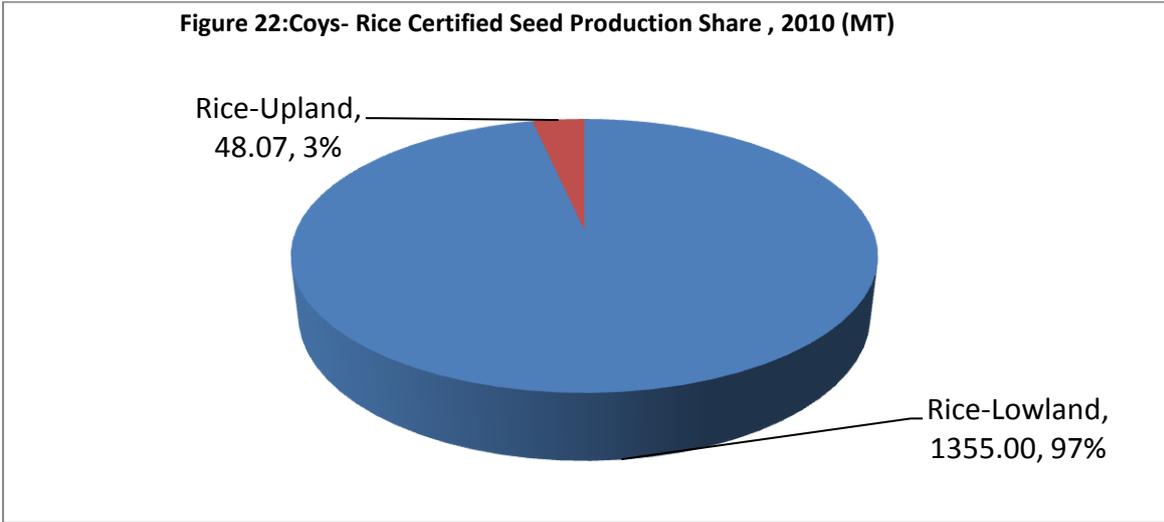
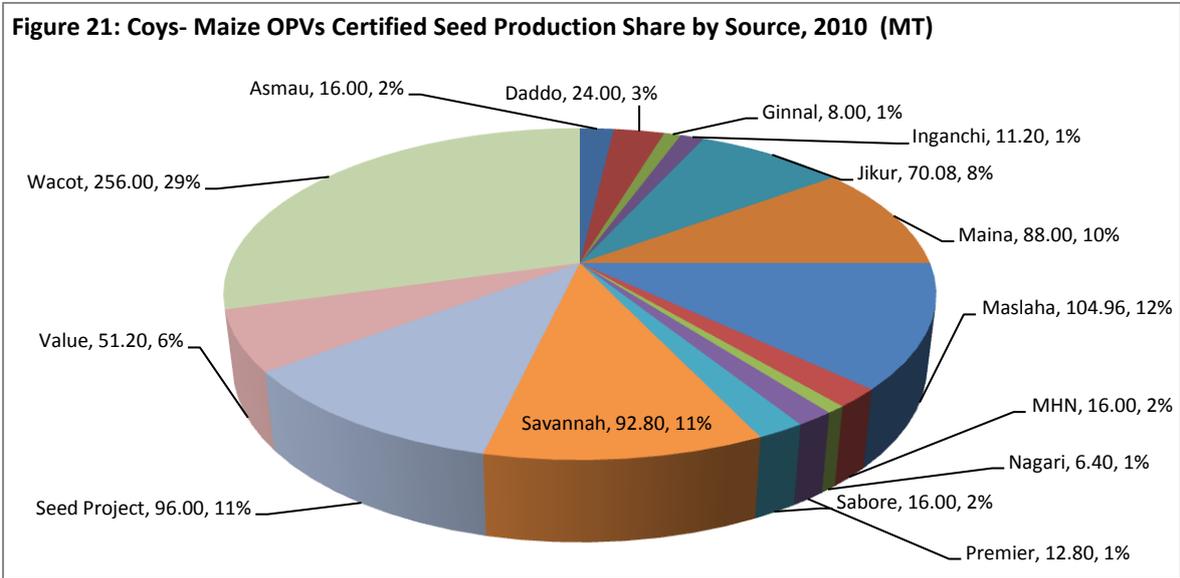
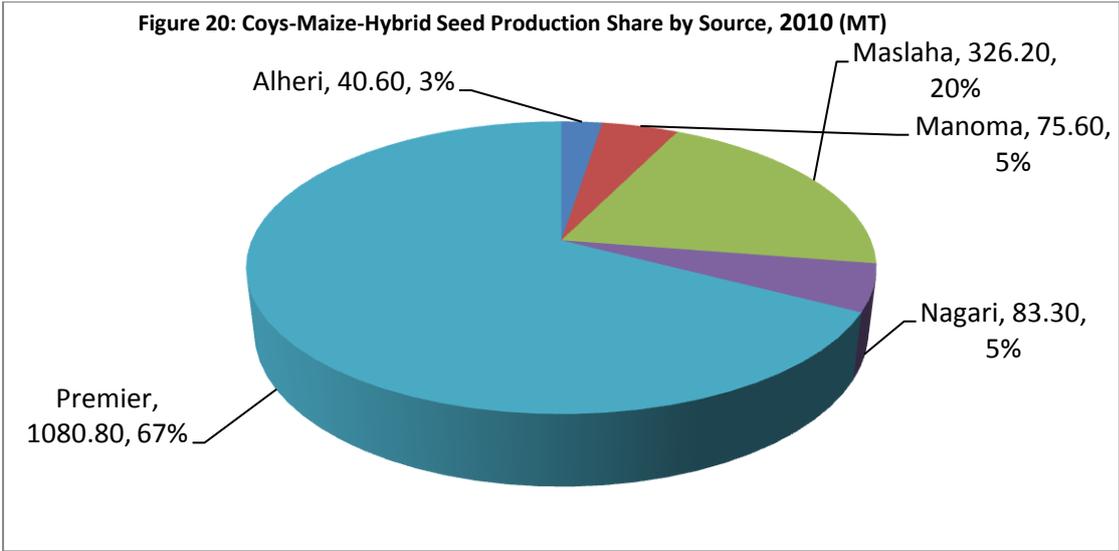


Figure 23: Coys-Sorghum Certified Seed Production Share by Source, 2010 (MT)

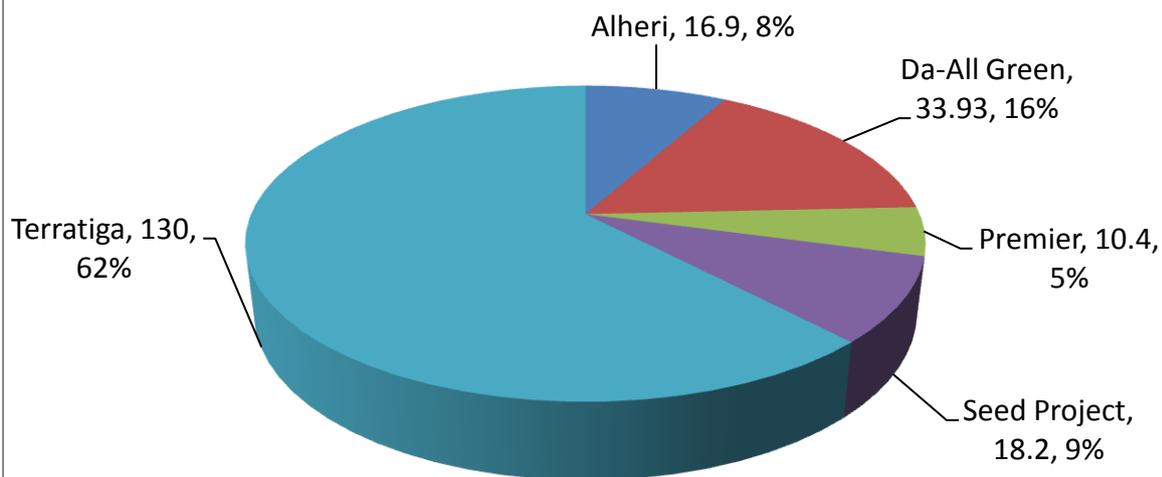


Figure 24: Coys-Soyabeans Certified Seed Production Share by Source, 2010 (MT)

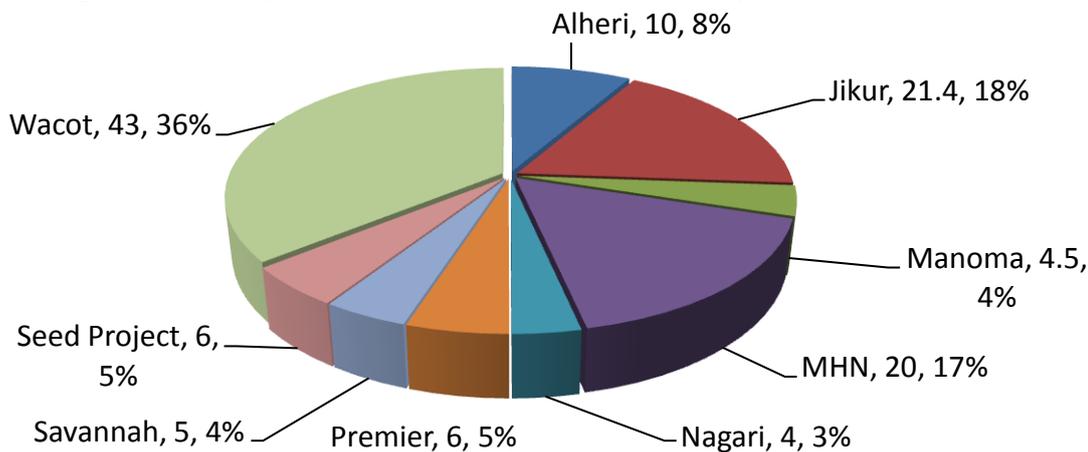


Figure 25: Coys-Cowpea Certified Seed production Share by Source, 2010 (MT)

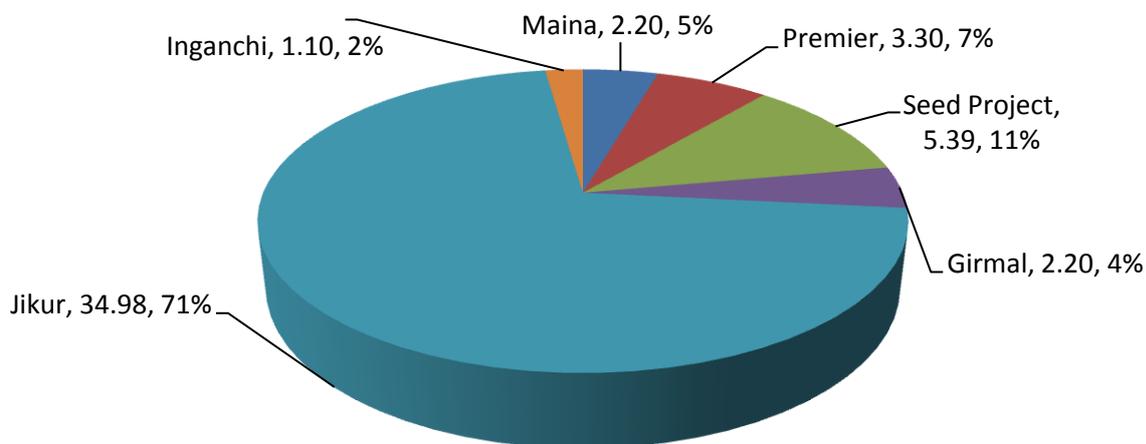


Table 23: CBOs/NGOs- Certified Seed Production, 2010 (MT)

S/ N	Producer	Maize-OPVs	Rice-Lowland	Rice-Upland	Sorghum	Millet	Cowpea	Soyabeans	Groundnut	Sesame	Cotton	Total
1	Ekiti-MNRP	9.60		15.20			1.10					25.90
2	IAR-CBSPP	91.36			4.55	4.50	1.10		25.08		2.20	128.79
3	IFAD-CBARDP					28.80	1.10					29.90
4	IITA-KKM	3.20		1.43			14.85	2.25	1.98			23.71
5	JDPC	3.20										3.20
6	NASC-CBSP	3.04	4.00		1.30					0.80		9.14
7	Nasrwan-MNRDP			41.80								41.80
8	RFAN		6.00									6.00
9	Sasakawa	1.60	2.00	3.80	3.90		2.20	1.00	3.30			17.80
10	Share	22.40	10.00	44.08				4.00				80.48
11	Taraba-MNRDP			77.90								77.90
12	UNAAB-CBSP	3.20	2.00	1.90			1.10					8.20
13	UNAM-CBSP	2.40	0.50	0.48	1.30			0.50				5.18
14	UNIMAD-DTMA	27.20										27.20
	Total	167.20	24.50	186.58	11.05	33.30	21.45	7.75	30.36	0.80	2.20	485.19

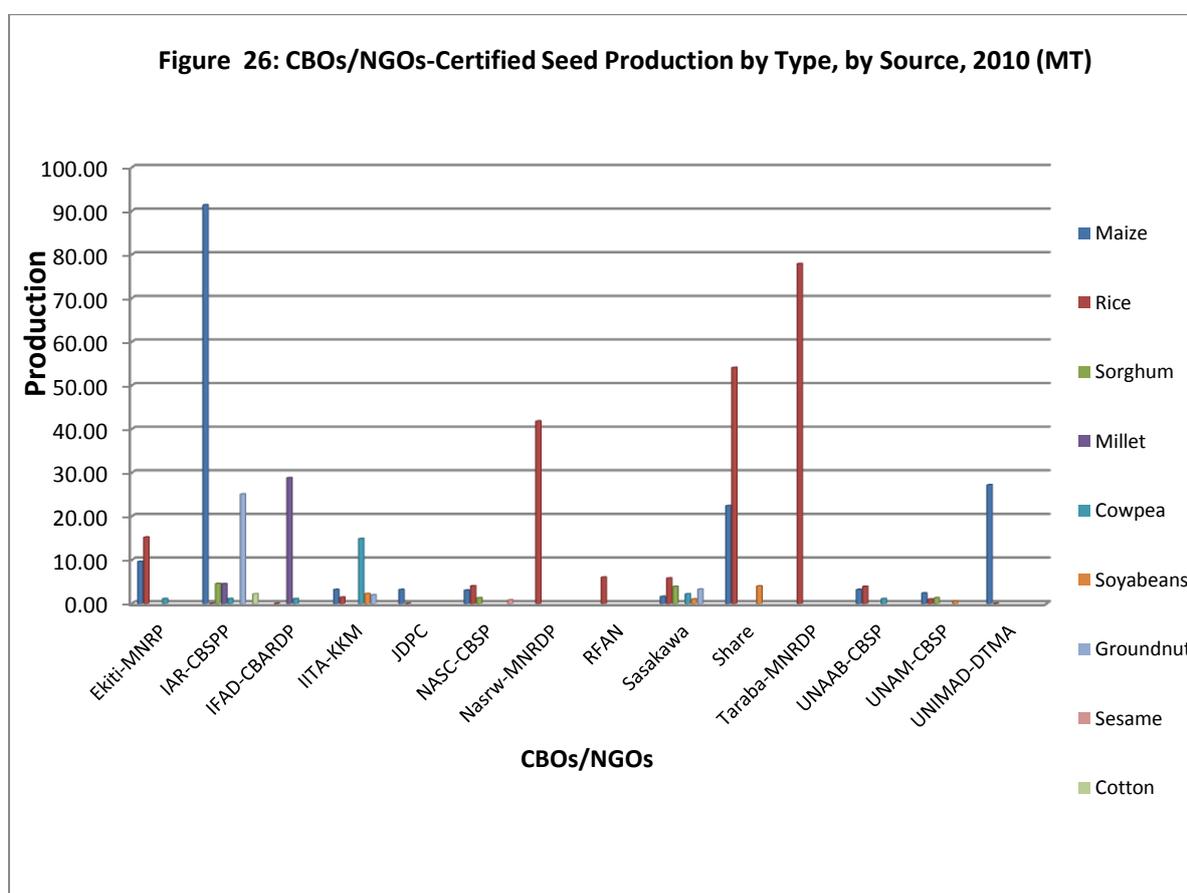


Table 24: ADPs-Certified Seed Production by Type, by Source, 2010 (MT)

S/N	States	Maize-OPVs	Rice-Lowland	Rice-Upland	Sorghum	Millet	Cowpea	Soybeans	Groundnut	Sesame	Cotton	Total
1	Adamawa				1.30							1.30
2	Akwa Ibom		4.60									4.60
3	Bayelsa	1.60										1.60
4	Benue	4.80	1.00		0.65	8.10		1.00		0.80		16.35
5	C/River	3.52	28.00	2.85								34.37
6	Ebonyi		164.00									164.00
7	Ekiti	4.80		7.60								12.40
8	Enugu	7.20		0.95								8.15
9	FCT	12.80	8.00	9.50							2.00	32.30
10	Gombe										40.40	40.40
11	Imo	1.60	8.30									9.90
12	Jigawa	62.40					40.70		5.50			108.60
13	Kaduna	114.40	12.00	54.15	7.80		11.00	8.75				208.10
14	Kano	400.00	130.20			12.60	30.58	11.00	6.60			590.98
15	KanoMANR	24.00				1.80		2.50			9.20	37.50
16	Kebbi	20.80	76.00			28.80						125.60
17	Kwara	6.40										6.40
18	Niger		14.00									14.00
19	Ogun	41.60		9.88							2.00	53.48
20	Ondo	33.60	10.00									43.60
21	Osun	26.56										26.56
22	Yobe				20.15	45.90			8.25			74.30
	S/Total	766.08	456.10	84.93	29.90	97.20	82.28	23.25	20.35	0.80	53.60	1614.49
	G/Total	766.08	541.03		29.90	97.20	82.28	23.25	20.35	0.80	53.60	1614.49

Figure 27: ADPs-Certified Seed Production Share by Type, 2010 (MT)

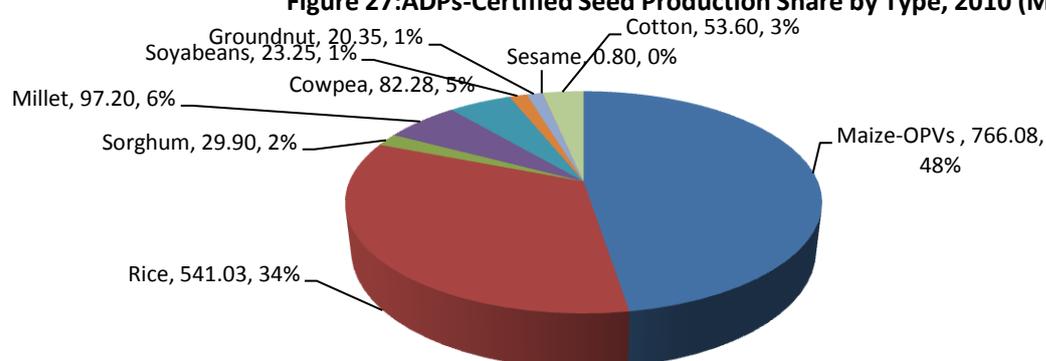


Table 25: Coys-Certified Seed Prices (Naira) by Source, by Type, by Year

SN	Coys	Unit	Maize-Hybrid		Maize-OPVs		Rice-Lowland		Rice-Upland		Sorghum		Mill et	Cowpea		Soybean	
			2009	2010	2009	2010	2009	2010	2009	2010	2009	2010	2009	2010	2009	2010	
1	Alheri	1 kg	180	-	150	-	170	-	170	-	135	-	-	-	-	150	-
3	D-Green	1 kg	-	-	-	-	170	180	170	-	--	100	-	-	-	-	-
4	Maina	1 kg			170	160		200	-	-	-	-	-	-	-	-	-
5	Manoma	1 kg	160	180		160			-	-						180	170
6	Maslaha	1 kg	185	185	165	165	200	200	200	-	160	165	160	-	-		165
7	Nagari	1 kg	150	170	135	140		180	175	-	-	150	-	-	-	160	160
8	Olam	1 kg	-	-	-	-	140	150		-	-		-	-	-	-	-
9	Premier	1 kg	200	-	185	-	165	190	165	190	155	175		174		160	180
10	Project	1 kg	-	-	160	-	150	-	150	-	150		150	-	-	-	-
11	Terratiga	1 kg	-	-	-	-	-	-	-	-	-	-	-	200	200	-	-
12	Wacot	1 kg	-	-	-	150	-	-	-	-	-	-	-	-	150	-	150

2.4.4 Data Management

Intensive variable categorization and analyses on time series data sets-production, field inspection, and prices from 2005-2010 were done to meet dynamic and intensive data need of national and international statistical bodies standards and need. This was evident when the Council data set- was accepted for publication and web hosting during the NGA-CountrySTAT validation/harmonization workshop held at the National Bureau of Statistics: 2-4 November, 2010. Summary of data set – tables is presented contained in Tables 26-30 below.

Table 26: Production Quantity of Certified Seed Crops by Year (MT)							
S/N	Seed Crop	2005	2006	2007	2008	2009	2010
1	Maize	2437.97	5272.34	3322.62	7207.92	4931.36	3409.22
2	Rice	1420.54	2755.64	5542.66	8314.63	1163.06	2155.18
3	Sorghum	296.04	718.26	199.05	2365.60	509.00	250.38
4	Millet	76.90	129.60	160.80	1002.20	938.80	151.83
5	Wheat	22.00	40.00	70.00	250.00	92.69	-
6	Cowpea	94.40	141.74	154.22	1078.42	114.29	152.90
7	Soyabeans	102.65	335.49	415.35	546.17	240.10	150.90
8	Groundnut	62.45	135.61	143.64	403.97	73.26	61.93
9	Cotton	4.48	46.55	94.10	300.60	15.00	6.40
10	Sesame	7.95	12.90	18.95	245.10	3.00	70.40
	Total	4525.37	9588.13	10121.38	21714.61	8080.56	6409.14
Source: NASC							

Table 27: Field Inspection of Certified Seed Crop by Year (Ha)				
S/N	Seed Crop	2008	2009	2010
1	Maize	4988.18	3412.70	2274.20
2	Rice	3927.39	976.20	1086.00
3	Sorghum	2632.00	509.00	192.60
4	Millet	1385.00	782.00	168.70
5	Wheat	100.00	40.00	-
6	Cowpea	1121.74	114.29	139.00
7	Soybean	410.42	240.10	150.90
8	Groundnut	429.55	61.05	56.30
9	Cotton	322.25	15.00	176.00
10	Sesame	634.25	3.00	8.00
	Total	15950.78	6153.34	4251.70
Source: NASC				

Table 28: National-Production Quantity of Certified Seed Crops by Source and Year (MT)												
S/N	Source	Year	Maize	Rice	Sorghum	Millet	Wheat	Cowpea	Soybeans	Groundnut	Cotton	Sesame
1	Coys	2005	1757.50	415.33	240.78	-	-	24.05	61.22	15.00	-	-
		2006	4267.25	1108.21	641.51	-	-	36.66	78.30	14.00	-	-
		2007	2078.39	2633.34	117.30	-	-	61.80	138.00	23.00	-	-
		2008	3770.90	1806.12	2186.00	295.20	-	83.80	128.75	12.30	-	11.90
		2009	4578.74	936.4	492.00	763.60	-	49.00	191.00	47.46	-	-
		2010	2475.94	1403.07	209.43	21.33	-	49.17	119.90	11.22	14.60	4.80
2	ADPs/	2005	680.47	1005.21	55.26	76.90	22.00	70.35	41.43	47.45	4.48	7.95
	NGOs.	2006	1005.09	1647.43	76.75	129.60	40.00	105.08	257.19	121.61	46.55	12.90
	CBOs	2007	1244.23	2909.32	81.75	160.80	70.00	92.42	277.35	120.64	94.10	18.95
		2008	3437.02	6508.51	179.60	707.00	250.00	994.62	417.42	391.67	300.60	233.20
		2009	352.62	226.66	17.00	175.20	92.69	65.29	49.10	25.80	15.00	3.00
		2010	933.28	752.11	40.95	130.50	-	103.73	31.00	50.71	55.80	1.60

Table 29: Field Inspection of Certified Seed Crops by Source and Year (Ha)												
S/N	Source	Year	Maize	Rice	Sorghum	Millet	Wheat	Cowpea	Soybeans	Groundnut	Cotton	Sesame
	Coys	2008	2962.10	792.80	2248.00	352.00	-	110.00	143.00	17.00	-	21.00
		2009	3216.80	770.00	492.00	636.00	-	49.00	191.00	39.55	-	-
		2010	1690.90	702.80	161.10	23.70	-	44.70	119.90	10.20	36.50	6.00
	ADPs	2008	2026.08	3134.59	384.00	1033.00	100.00	1011.74	267.42	412.55	322.25	613.25
	NGOs	2009	195.90	206.20	17.00	146.00	40.00	65.29	49.10	21.50	15.00	3.00
	CBOs	2010	583.30	383.20	31.50	145.00	-	94.30	31.00	46.10	139.50	2.00

Table 30: National-Average Producers' Seed Prices (Naira) by Year

S/N	Seed Type	Unit	2006	2007	2008	2009	2010
1	Maize-Hybrid	1kg	150.50	154.50	171.00	174.00	191.00
2	Maize-OPVs	1kg	118.67	125.33	137.20	154.17	164.00
3	Rice-Lowland	1kg	140.00	148.75	174.38	163.67	186.00
4	Rice-Upland	1kg	164.00	164.00	179.00	176.00	180.00
5	Sorghum	1kg	109.67	115.83	132.00	147.50	141.00
6	Millet	1kg	64.09	76.96	101.25	155.50	-
7	Wheat	1Kg	57.60	70.00	90.00		-
8	Cowpea	1kg	159.44	150.27	181.36	187.50	170.00
9	Soyabeans	1kg	128.00	132.00	149.60	170.00	165.00
10	Groundnut	1kg	232.50	237.50	237.50	350.00	320.00
11	Cotton	1kg	31.75	38.75	46.25	120.00	100.00
12	Sesame	1kg	126.55	136.00	160.00	325.00	470.00

4.4.5 Seed System Survey

A Seed System Survey in Nigeria was carried out in collaboration with African Seed Trade Association (AFSTA). The study was to identify the strengths and weaknesses of various seed actors in the seed industry such as variety development, seed production, seed and other agro input distribution and marketing in order to promote the development of a strong private seed industry in Africa. The report of the study was presented at a Stakeholders Workshop held at Bolingo Hotel, Abuja on October 21, 2010 with a view to ensure that it reflects the current status of the country Seed Sector, in terms of strengths and weaknesses of :

- R&D institutes to develop new crop varieties, produce quality breeder and foundation seeds, and provide training to farmers;
- Seed producers to produce adequate quantity and quality seed;
- Regulatory bodies to effectively carry out their assignments

Highlight of the recommendations of the workshop include;

- Adequate and timely funding of Agric Research which is time bound
- Funding of Research to be moved from capital to recurrent expenditure
- Manpower development through training, reorientation and enlightenment programmes.
- Strengthening of the Extension delivery system
- The organisation of yearly seed production planning meetings involving all stakeholders to indent for seed and forge a way forward for the production of the required quantity and quality of seed at the right time and at the right place.
- Provision of infrastructure, such as Seed processing plant and Seed Testing laboratories
- Create financial mechanism that will assist seed operators to invest on mobility
- Need for publicity on the Seed Acts, Rules and Regulations
- Need for periodic review of the seed law to reflect global dynamics in the seed industry.



L-R Chairman Governing Board, Chairman House Committee on Agriculture and Mr. Paul Senghor of Africa Seed Trade Association (AFSTA) at the Seeds System Workshop organized jointly by NASC and AFSTA.



A cross section of the stakeholders exchanging pleasantries after a group photograph

4.4.6 Launching of the Seed Policy Enhancement in Africa Region:

The Council launched the Seed Policy Enhancement in Africa Region (SPEAR) on 2nd of December, 2010. Spear is esigned to increase productivity of small farms in Nigeria by implementing policy changes to augment the number of released varieties of different crops and enable the production of foundation seeds through the effort of the NASC and private seed sector.

4.4.7 Training on the use of the Council’s Website:

One-day training on the use of the Council’s Website was held in the Conference room of the Council on the 24th Sept 2010. The training content includes:

- How the Council website can be used to advertise Council activities
- How information can be shared across other regions

- Ways in which staff can access their E-mails through a link on the council web site
- How content can be added to the council website
- *How the website can be maximised, among others*

4.4.8 Orientation/Induction Course for New Staff of the Council:

An Orientation/Induction Course was organised for new staff of the Council. The aim of the Orientation course was to acquaint the new Staff with the activities of the Council. Papers presented include:

- Vision and Mission of NASC
- Foundation Seed Production and Coordination
- Seed Certification and Quality Control
- Seed Industry Development
- Finance and Administration

4.5.0 Legal Unit: The Legal Unit during the year provided legal advice/opinion on matters referred to it by the Council. The Unit ensured that all contract agreements and Memoranda of Understanding with local and foreign organizations were promptly prepared and signed. In order to curb the incidence of sale of adulterated seeds in the market, the Legal Unit initiated the prosecution of two cases in the Magistrate Courts of suspects arrested for their involvement in sale of fake seeds in FCT and Kano during the year. The cases are still on-going.

4.6.0. FINANCIAL REPORT FOR YEAR 2010

4.6.1. Procurement Activities

The sum of ~~₦~~233, 820,000.00 was appropriated to the Council in the 2010 Capital Budget of which the sum of ~~₦~~228, 166,533.00 (representing 98% of appropriation) was utilised for procurement of civil works, goods and services. However, only the sum of ~~₦~~158,874,698.00 representing about 68% of the appropriation was released for which the sum of ~~₦~~74,945,302.00 is the outstanding commitment on the 2010 Capital Budget as summarised below:

Amount Appropriated	-	₦ 233,820,000.00
Amount Released	-	₦ 158,974,698.00
Amount Outstanding	-	₦ 74,945,302.00
Amount Commuted		₦ 228,166,533.00

In its quest to achieve its given mandate the Council commenced the year activity with renewed vigour and dedication in the management of its finances in order to meet the set targets. It is however regretful that the 2010 Capital budget appropriation is yet to be fully redeemed with a balance of N74, 945,302.00

4.6.2. ALLOCATION:

4.6.2.1. PERSONNEL

Under the **Personnel Head**, the sum of **Three Hundred and Eighty Five Million, Four Hundred and Thirty Five Thousand, Seven Hundred and Thirty Three Naira, Thirty Three Kobo (N385,435,733.33)** was received for settlement of staff salaries, etc ,out of which **Three Hundred and Eighty Five Million, Three Hundred and Thirty Five Thousand, Nine Hundred and Twelve Naira, Sixty Five (N385,335,912.65)** was spent, thereby leaving a balance of **Ninety Nine Thousand, Eight Hundred and Twenty Naira, Sixty Eight Kobo (N99,820.68)** which was paid back to the Consolidated Revenue Account with the Central Bank of Nigeria in line with extant regulations.

4.6.2.2. OVERHEAD

The sum of **Ninety Million, One Hundred and Eighty Thousand Naira (N90,180,000.00)** was received under **overhead** ,out of which **Ninety Million, One Hundred and Forty-Seven Thousand, Nine Hundred and Ninety Naira, Forty-Four Kobo (N90,147,999.44)** was utilised on the day to day running of the Council leaving a balance of **Thirty Two Thousand Naira and Fifty Six Kobo (N32,000.56)** and same was paid back to chest in line with extant regulation.

4.6.2.3. CAPITAL:

The sum of **N158, 874,698.00** (One Hundred and Fifty Eight Million, Eight Hundred and Seventy Four Thousand, Six Hundred and Ninety Eight Naira) only was received under this head from the **N233, 820,000.00** appropriated for the 2010, out of which the sum of **N158, 864,454.98** (One Hundred and Fifty Eight Million, Eight Hundred and Sixty Four Thousand, Four Hundred and Fifty Four Naira, Ninety Eight Kobo) was used in settlement of various contracts.

The balance of **N10, 243.02** (Ten Thousand, Two Hundred and Forty Three Naira, Two Kobo) only has been paid back to the Federal Sub Treasury in line with extant regulation.

However, the balance of ~~₦~~74,945,302.00 was not released as at the end of March, 2011, hence the Council is still indebted to a number of contractors most of them partially as they could not be accommodated in year 2010 capital release.

4.6.3. REVENUE:

The regions were not left out on the need to generate more revenue for the council as they were fully enlightened. The sum of **Twenty Three Million, Three Hundred and Fourteen Thousand, Eight Hundred and Thirty Six Naira, Ninety Eight Kobo (₦23,314,836.98)** was generated in the year 2010.

The breakdown is as follows:

a) Headquarters	-	N6,311,371.00
b) Ibadan	-	N1,920,179.38
c) Ilorin	-	N1,981,326.60
d) Jos	-	N7,749,960.00
e) Umudike	-	N2,052,000.00
f) Zaria	-	N3,300,000.00
Total	-	N23,314,836.98

4.6.4. AUDITOR'S REPORT:

During the year under review, a team of external auditors Messrs Layo Sipe & co were invited to examine the accounting books for the year 2009 which was duly concluded and the report forwarded to appropriate arm of government for their necessary action.

The year 2010 has been a trying time for the Council as most of the set targets could not be met due to some financial constraints.

Inadequate financing is one of the major constraints hindering the Council from fully achieving its set goals and targets as the year's budget was drastically cut down by Twenty Five Percent (25%) and Forty Seven Percent (47%) for both Overhead and Capital Allocation respectively. This has put the Council in a serious indebtedness.

However, it is our hope and belief that considering the importance of seeds in the agricultural development, and food security of the nation the onus lies with the Federal government of Nigeria to improve the funding of NASC in 2011.

4.6.5 INTERNAL AUDIT UNIT

The Internal Audit Unit in line with Financial Regulation continues to function as the Council's Managerial Control by measuring and evaluating the effectiveness of Internal Control System.

The Unit concerns itself with 100% prepayment audit on revenue generation, financial transaction and management activities.

The Unit render its monthly and annual report regularly to the office of Accountant General of the Federation and that of Auditor General of the Federation.

During the report period, the Council's audited records of finance and management activities for year 2010 had been examined by Treasury Inspectorate, Treasury Audit Monitoring Unit, Committee on Agriculture in the National Assembly and the representative of Auditor General for the Federation.