

**THE 2012 ANNUAL REPORT OF THE SEED INDUSTRY DEVELOPMENT,
TECHINICAL SUPPORT AND COMMERCIAL SERVICES DEPARTMENT**

1.0 INTRODUCTION

The Seed Industry Development, Technical Support and Commercial Services Department is responsible for the development and promotion of a viable seed industry with greater private sector participation.

2.0 FUNCTIONS OF THE DEPARTMENT

The major functions of the Department include the following:

- Analyse and formulate programmes for the development of viable seed industry;
- Encourage the establishment, growth and development of seed companies, seed entrepreneurs etc;
- Promotion of commercial activities in the seed industry (i.e. promotion of seed marketing and distribution).

3.0 ACTIVITIES

The major activities of the department include:

- Development of Small/Medium Scale Seed Enterprises;
- Coordination of the Community Seed Development Programmes;
- Seed Promotional Programmes including establishment of demonstration plots and conduct field days etc.;
- Production and airing of Radio Jingles and Television Documentary;
- Organization and Development of Seed Extension Villages;
- Development of technical bulletins and seed extension guides in collaboration with relevant organizations.

4.0 PROGRESS REPORT WORKPLAN AND BUDGET IMPLEMENTATION

4.1 Development of Small/Medium Scale Seed Enterprise

Producer/Seller Scheme: Movement of the set of equipment (i.e Mobile Seed Processing Equipment, Rice Reaper Maize Shellers) provided to Jirkur Cooperative Seed Producers, Biu, Borno State on the 18th April, 2012. The equipment is expected to add value to the production and processing of quality seeds in Biu and catchment areas. The last set of equipment which was given to Jikur Co-operative Seed and Maina Seeds producers was procured in 2009. Ever since no

budgetary provision has been made to enable us procure more. The need for more funds to bring other Co-operative farmers groups is very imperative at this stage.

4.2 **Rural Seed Marketing (Seed Enterprise)**

The goal is to increase the availability, affordability and accessibility of small holder farmers to quality seeds in the rural communities. The kiosks have been assembled in the various headquarters of Agro Dealers (Seed dealers) locations in the North Central; North East; North West and South West for onward delivery to the beneficiaries by the association. To date five (5) beneficiaries have paid and collected in the North Central Zone; three (3) in the South West Zone, while the consignment for the North East and North West Zones are yet to be evacuated by the beneficiaries due to lack of funds for the movement of the kiosks to specific locations. However concerted efforts are being made to evacuate them between January ending and first week of February, 2013, so that they can be used for the sales of improved seeds this planting season.

TABLE 1: BRANDED KIOSK DISTRIBUTION BY LOCATION						
S/N	ZONE	POINT OF DELIVERY	NO. OF KIOSK ALLOCATED	NO. REDEEMED	BALANCE	REMARKS
1	North Central	IFDC, Garki Abuja	10	5	5	5 yet to be evacuated
2	North East	Taraba ADP	10	Nil	10	The association reported lack of funds for movement of kiosks by beneficiaries from the association's headquarters
3	North West	Kano ADP	10	Nil	10	"Ditto"
4	South West		7	3	4	"Ditto"
Grand Total			37	8	29	

(Please see table 1 below)

Fig. 1:Shows the assembling of Seed Kiosks in North East; one of the Zones



4.3 **Community Seed Development Programmes**

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. In the year 2012, the programme was implemented in 24 locations nationally as indicated in the table 2 below.

TABLE 2: NASC-CBSP: CERTIFIED SEED PRODUCTION BY TYPE,2012(MT)								
S/N	ZONE	STATE	LGA	COMMUNITY	SEED TYPE	VARIETY	AREA (HA)	PRODUCTION (MT)
1	*South West				Maize-OPV	NARZO-27(DMRESR-Y)		
					Maize-OPV	NARZO-27(DMRESR-Y)		
2	South East	Abia		Itu-Nta	Rice-Lowland	FARO-44(SIPI)	0.5	1.0
		Anambra		Umuolum	Rice-Lowland	FARO-44(SIPI)	0.5	1.0
		Ebonyi	Abakaliki	Abakaliki	Rice-Lowland	FARO-44(SIPI)	0.5	1.0
3	*South South	Delta			Rice-Lowland	FARO-44(SIPI)		
		Delta			Rice-Lowland	FARO-44(SIPI)		
4	*North West							
						FARO-55(NERICA-1)	0.5	1.25
5	North East	Adamawa	Mayo Belwa	Fufure	Maize-OPV	SAMMAZ-14(OBATANPA/QPM)	1.0	2.0
		Gombe	Akko	Akko/Gonna	Maize-OPV	SAMMAZ-14(OBATANPA/QPM)	1.0	1.0
		Taraba	Jalingo		Maize-OPV	SAMMAZ-14(OBATANPA/QPM)	1.0	1.2
		Borno	Maiduguri	Gamboru	Sorghum	KSV-8	1.0	0.5
6	North Central	Plateau	Riyom	Ta-hoss	Maize-OPV	SAMMAZ-15(SUWAN 1 YELLOW)	0.5	0.4
		Plateau	Bakin Ladi	Heipang	Maize-OPV	SAMMAZ-11(WHITE)	0.5	0.3
		Nasarawa	Doma	Alagye	Sesame	NCRI-02 (Type 4)	0.5	0.2
		Nasarawa	Obi	Adudu	Sesame	NCRI-03 (Type 4)	0.5	0.2
		Benue	Makurdi	Ucha	Soyabean	TGX-144-2E	0.5	0.2
		Niger	Minna	Minna	Maize-OPV	SAMMAZ-14(OBATANPA/QPM)	0.5	0.5
		Niger	Bida	Bida	Maize-OPV	SAMMAZ-14(OBATANPA/QPM)	0.5	0.5
TOTAL								

Fig. 2: Shows one of such Community Seed plots in Jauro Jangai, Ardokola LGA, Jalingo, Taraba State.



4.4 **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.

****Achievements include establishment of *(all region) ha. The detail distribution of plots is shown in table 3 below:

TABLE 3 : HYBRID/OPEN POLLINATED MAIZE VARIETIES (OPVS) HIGHWAY DEMONSTRATION AND OTHER HIGH QUALITY CROP VARIETIES TRIAL, 2012

S/N	REGION	STATE	LOCATION	CROPS	HA	YIELD T/HA)
1	**South West					
2	South East	Abia	NCRI, Amakama	Maize (Hybrid/OPV)	0.25	2.4
		Enugu	Agu – Nkele	Maize (Hybrid/OPV)	0.25	2.5
		Anambra	Umuolum	Rice (Lowland)	0.25	2.3
		Ebonyi	Abakaliki	Rice	0.25	2.4
3	**South South					
4	**North west		Samaru Zaria, Soba	Maize (Hybrid/OPV)	0.25	
5	North East	Gombe	Akko	Maize (Hybrid/OPV)	0.25	2.6
		Gombe	Akko	Maize (PIDOM)	0.25	2.7
		Bauchi	Gulmari Bara	Sorghum (CSR 02)	0.25	0.48
		Adamawa	Fufore	Rice (Faro 44 & 61)	0.25	Flooded!!!!
6	North Central	Plateau	Ta-hoss, Riyom	Maize (PIDOM)	0.25	1.0
		Nasarawa	Nasarawa Eggon	Maize (Hybrid/OPV)	0.25	1.0
		Benue	Yandev Gboko	Rice (Faro 440)	0.25	1.5
		FCT	Sheda, Kwali	Maize (Hybrid/OPV)	0.25	3.5
				Maize(PIDOM)	0.25	2.0
				Rice (Lowland)	0.25	2.4
				Soyabean	0.25	1.2

4.4.1 **VARIETAL NOMINATION BY SEED COMPANIES, 2012**

Eleven(11) Seed Companies namely: Premier; Maslaha; Nagari; Savannah; Da-All-Green; Champion; Maina; Nagogo; Samlak; Value and Jikur nominated and supplied the under listed varieties for the promotional programme (please see details in table 4 below)

Table 4: VARIETIES NOMINATED BY SEED COMPANIES, 2012			
S/N	SEED COMPANY	VARIETIES NOMINATED	TYPE

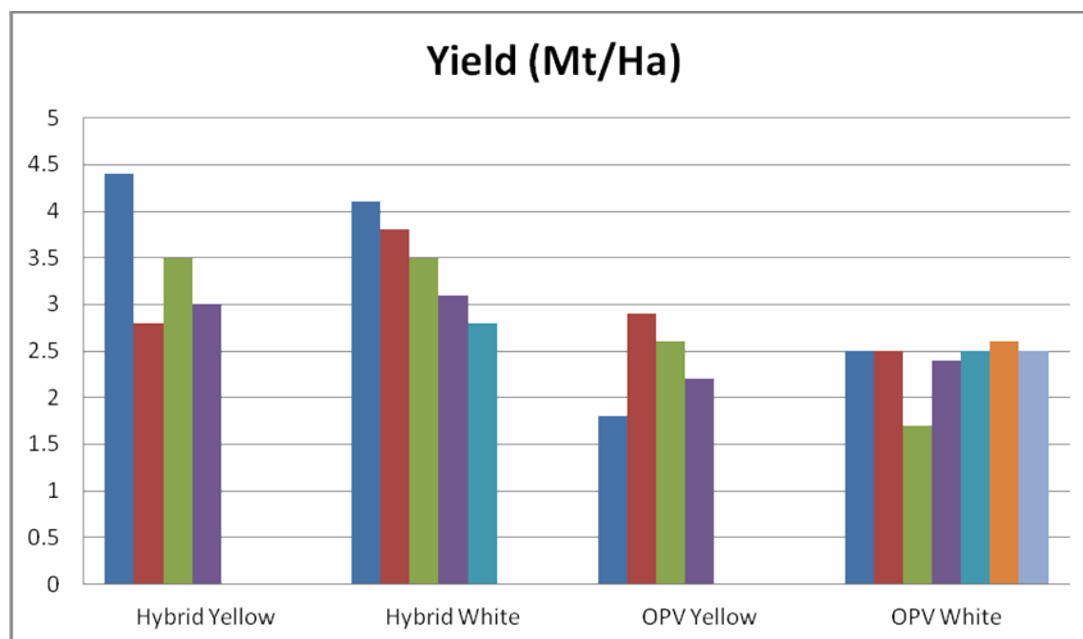
1	Premier Seed Ltd	Oba 98	White-Hybrid
		Oba Super 2	Yellow-Hybrid
		Oba Super 4	Yellow-Hybrid
		Oba Super 7	Yellow-Hybrid
		Oba Super 9	Yellow Hybrid
2	Maslaha Seeds	SDM 1	White-Hybrid
		SDM 2	Yellow-Hybrid
		DTM-W	White-OPV
		DTM-Y	Yellow-OPV
		QPM	White-OPV
		SUWAN 1 SR-W	White-OPV
3	Nagari Seeds Nig Ltd	NG – Samaru	White-Hybrid
		Kai Kai	Yellow-Hybrid
4	Savannah Seeds	Plateau I	White-OPV
		Plateau II	White-OPV
5	Da-All Green	Jo 1	White-Hybrid
6	Champion Seeds	SUWAN 1-SR	White-OPV
7	Maina Seeds Ltd	TZEE-W	White-OPV
		ACR 97	White-OPV
8	Nagogo Seeds	DMR ESR-W	White-OPV
		SUWAN 1-SR	White-OPV
9	Samlak	ART-98-SW6-W	White-OPV
10	Value Seeds	QPM	White-OPV
11	Jikur	EVDT-STR-W	White-OPV

Below showed the results obtained from Sheda location

Table 5: MAIZE HYBRID/OPV VARIETIES DEMONSTRATED IN SHEDA							
S/N	SEED COMPANY	VARIETIES NOMINATED	TYPE	WEIGHT OF 3 ROWS (KG)/(114M ²)	WEIGHT OF REPLICATE (KG)	AVERAGE WEIGHT (KG)	YIELD (MT/HA) (Estipulated)
1	Premier Seeds	Oba Super 4	Hybrid Yellow	52.0	50.0	51.0	4.4
		Oba Super 2	Hybrid Yellow.	35.0	30.0	32.5	2.8
		Oba Super 7	Hybrid White	52.8	42.2	47.5	4.1
		Oba Super 9	Hybrid White	44.3	42.2	43.3	3.8
2	Nagari Seeds	Kai-Kai	Hybrid Yellow	50.0	31.0	40.5	3.5
		NG-Samaru	Hybrid White	42.2	38.0	40.1	3.5
3	Maslaha Seeds	SDM-2	Hybrid Yellow	49.0	20.0	34.5	3.0
		DTM-Y	OPV Yellow	22.0	18.0	20.0	1.8
		SUWAN-1-SR	OPV Yellow	36.0	29.0	32.5	2.9
		SDM-1	Hybrid White	40.1	29.6	34.8	3.1
4	Champion Seeds	SUWAN-1-SR-Y	OPV Yellow	42.0	18.0	30.0	2.6
5	Maina Seeds	ACR 97	OPV White	33.8	21.1	27.5	2.5
6	Da-All Green	Jo-1	Hybrid White	38.0	25.3	31.7	2.8
7	Savannah Seeds	Plateau 1	OPV White	33.8	23.2	28.5	2.5
		Plateau 2	OPV White	21.2	16.9	19.0	1.7
8	Samlak	ART-98-SW6	OPV White	35.9	19.0	27.5	2.4
9	Value Seeds	QPM	OPV White	38.0	25.3	31.7	2.5
10	Nagogo Seeds	DMRESR	OPV White	42.2	16.9	29.6	2.6
11	Jirkur Seeds	EVDT-SR	OPV White	33.8	21.1	27.5	2.5
	LOCAL	Yellow	OPV Yellow	34.0	16.0	25.0	2.2

The graphical representation of the yields obtained in Sheda is as shown in fig 3 below: The performances of hybrids in this location express the superiority of hybrids over open pollinated varieties.

Fig. 3: Illustrates the Hybrid/OPV Performance in Sheda Location



PIDOM Table (Sheda)

The yields of other demonstrated improved crop varieties in Sheda is as shown in tables 6 and 7

Table 6: RICE VARIETIES							
S/N	SEED COY/ SOURCE	VARIETIES NOMINATED	TYPE	PLOT SIZE (M ²)	YIELD (KG)	WEIGHT	YIELD (MT/HA)
1.	*(ADP Ekiti)*	NERICA 7	Lowland	980	217		2.2
2.	*(ADP Ekiti)*	NERICA 8	Lowland	532	173		3.3
3.	Jirkur	FARO 61	Lowland	665	75		1.1
4.	Green Agriculture	Hybrid Rice	Lowland	95	28		3.0

Table 7: SOYBEAN VARIETIES							
S/N	SEED COMPANY	VARIETIES NOMINATED	TYPE	PLOT SIZE (M ²)	YIELD WEIGHT (KG)		YIELD (MT/HA)
1.		TGX 1448-ZE		672	77		1.2

4.5 **Seed Extension Village (SEV)**

The objectives of the Seed Extension Village (SEV) is to use selected villages as platform to showcase the benefit and potentials inherent in the use of improved seeds and also extend the technology to other catchment villages through the diffusion of improved seeds.

The programme is being implemented in collaboration with the Federal Universities of Agriculture, Makurdi (UAM) and Abeokuta (FUNAAB). 1no. Project Review visit was conducted and Memorandum of Understanding (MOUs) signed with the two (2) Universities. There In the target of 4.0ha and 3.0ha was set for Abeokuta and Makurdi respectively and to be cropped with Maize, Rice, Cowpea, Sorghum and Soyabean. Summary is as shown below:

TABLE 8: PROPOSED HECTARAGE UNDER THE 2012 SEED EXTENSION VILLAGE (SEV)				
S/N	INSTITUTION	LOCATION	CROP	AREA TO BE PLANTED (Ha)
1.	FUNAAB, OGUN STATE	Imala/Iwoye Ketu	Maize (Suwan)	3
			Cowpea	1
			Soyabean	1
2	UAM, MAKURDI	Makurdi, Katsina Ala and Otukpo	Maize (QPM)	1.5
			Rice (Faro 44 & 55)	0.5
			Samsorg 17 (SK5912)	1.0
			Soya bean (TGX 1448 2E)	0.5

The project also focuses on capacity building/ training for farmers, students and ADP staff in seed production.

4.6 **Establishment**

TABLE 9: ESTABLISHED HECTARAGE UNDER THE 2012 SEED EXTENSION VILLAGE (SEV)						
S/N	INSTITUTION	LOCATION	CROP	VARIETIES	ESTABLISHMENT	YIELD (KG)
1	University of Agriculture, MAKURDI	Makurdi	Maize Rice Samsorg	QPM FARO 44 SK 5912	1.0 0.75 0.5	Not yet available N.A N.A
		Kastina Ala	Maize Samsorg 17		0.5	N.A
		Otukpo	Soyabean Samsorg 17		No establishment	
2	Federal University of Agriculture, Abeokuta (FUNAAB)	Ijemo Fadipe	Maize	SUWAN I	1	N.A
		Imala	Maize Rice Soyabean	SUWAN I FARO 52 TGX 1440	2 1 1	N.A N.A N.A
		Ajegunle Adao	Maize	SUWAN I	1	N.A

Fig. 4: Shows NASC/AMREC FUNAAB Group photograph during the pre-implementation discussion.



Fig. 5: Shows the FUNAAB Seed Extension Village at Imala.



Fig. 6: Shows the Farmers' field day conducted at Imala, Ogun State.



FIELD DAYS: Two (2) number field days were conducted in Makurdi and Kastina-Ala on the 18th and 19th December, 2012 respectively. The field days were regularly covered by the print media and attended by more than 160 farmers.

While the farmer's field day of the Federal University of Agriculture, Abeokuta was conducted on 27th December, 2012 at Imala. The following groups/ individuals were in attendance:

1. Rice Farmers Association of Nigeria (RIFAN)
2. Young Farmers Club (Ogun state)
3. Ogun State Farmers Association
4. Ogun State Agric. Dev. Programme (ADP)
5. HRH Onimala of Imala
6. HRH Olu of Ifo
7. Over two hundred and fifty (250) farmers from the Local Governments also attended the field day.
8. In attendance also was NTA Abeokuta, OGTv Abeokuta and National dailies, details was published in the Punch of the 7th January, 2013.

5.0 **COLLABORATION WITH OTHERS AGENCIES**

1. **Sasakawa/ SG 2000**

The possible areas of collaboration with Sasakawa/ SG 2000 have been jointly identified by the two (2) organizations and the draft partnership document is ready. It will be presented this week as soon as it received from SG 2000 and strategy for the implementation is now being worked out before the signing of an MOU.

2. **Syngenta**

Contacts have been made with Syngenta Nig. Ltd. on Seed promotion. We have held preliminary talks on the possibility of establishment of Seed demonstration plots of some varieties of Tomato in the tomato growing areas this dry season. Their proposal and plans are being awaited.

3. **Fadama III**

Several meetings have been held with FADAMA III on the need for the two (2) agencies to partner especially in the areas of Seed Promotion. Two (2) areas have been identified as follows:-

1. **Jointly Activity:** Identification of areas of collaborations and development of partnership agreement where the roles and responsibility of the agencies will be spelt out leading to the signing of an MOU on the approval of the respective management. Under this, resources are expected to be drawn from ATA, for the purpose of Seed Demonstration, organization of farmers' field days and capacity building of the farmers.
2. The inclusion of our activities in the additional financing of Fadama III project.

4. **National Rice/ Maize Centre**

An appeal for fund which was written in May 2012 by National Rice/ Maize Centre was received on the 19/ 10/ 2012. In the letter they requested for about Three million, One hundred and twenty three thousand naira only (₦3,123,000) for the establishment demonstration plots in 10 states in federation.

However, a meeting of the Council and the centre will be proper at this stage to first identify the possible areas of collaboration and develop a partnership agreement. During the meeting it is expected that roles and responsibilities will be rationalized among the stakeholders

that will lead to the signing of an MOU against next cropping season just like it was done with the Seed Extension Village of the Universities of Agriculture.

6.0 **NATIONAL AGRICULTURAL SHOW AND WORLD FOOD DAY**

The Council through the department participated in 2012 National Agricultural Show and World Food Day which took place at the National Agricultural Show ground, Km 28, Abuja- Keffi road, Tudan Wada, Karu L.G.A, Nassarawa State from 12th – 16th October, 2012. The World Food Day is an annual event being observed by all FAO member countries on the 16th of October of every year.

The theme of the 2012 World Food Day Celebration/ Tele – Food Campaign was “Agricultural Cooperatives” key to feeding the World. The main objective of the World Food Day (WFD) is to enlighten public awareness on the nature and dimension of the World Food problem and to develop further the State of National struggle against hunger, malnutrition and poverty. As part of the Celebration a book exhibition was earlier held in Merit House between 11th and 17th October, 2012. The department represented the Council at the exhibition stand and the Minister of State commended the Council for the high quality Seeds supplied to farmers during the year.

7.0 **UPDATES ON HORTICULTURAL TRANSFORMATION: TOMATO, CITRUS AND MANGO VALUE CHAIN.**

1. The production of horticulture activities action plan.
2. Advocacy visit to the 12 tomato producing states.
3. Importation of 1.47mt of 5 different varieties of tomato seeds from china by Syngenta.
4. Storage of these varieties of tomato seeds in NIHORT for locational trials.
5. Development of 5 different varieties of 122,400 Citrus seedling and production by NIHORT and College of Agriculture, Yandev.
6. Production of mango seedlings by NIHORT and Yandev.
7. Sensitization visit to 15 citrus growing states.
8. Proposal for the distribution of tomato seeds by seed companies.
9. Visit to Morocco by the team leader and consultant with officials from Kebbi State on Onion preservation and processing.

8.0 **OTHER ACTIVITIES**

8.1 Registration of Seed Companies Growers/Dealers under GESS Farmers Data Base Capture

So far, a total of 1082 Agro-dealer and 473 Out-growers filled Enumeration Form has been forwarded to DRD/Cellutant, excluding the 606 hard copy of enumeration form expected from Premier Seeds. The summary is given below:

Agro-Dealers: Seven (7) seed companies submitted filled forms to date, and these are: Premier Seeds (619No.); Wacot (202No.);Nagari Seed(108No.);Seed Project(105No.); Da-All green (38No.); Champions Seed (6No.) and Nagogo(4No.).

Out-growers

1. Champions Seed	(260No.),	}	473No.
2. Da-All green	(78No.),		
3. Nagari Seed	(73No.),		
4. Jirkur Seeds	(49No.),		
5. Manoma Seed	(13No.).		

* Premier Seeds (606No.) submitted a softcopy designed to their taste without accompanying enumeration farmer database form.

However, a total of 253No. out of 473No. farmers out growers enumeration form were well filled and analyzed by SIDTS&CS. The details are:

1. Champion seeds	(41No.)
2. Da-All green	(77No.)
3. Nagari Seed	(73No.)
4. Jirkur Seeds	(49No.)
5. Manoma Seed	(13No.)

Table 10 indicated that a total farm size of 4393.7ha was cultivated by the outgrowers of the five seed companies (i.e Champion Seeds, Da-All green, Nagari seed, Jirkur Seeds and Manoma Seeds). The area put under cultivated for Cowpea, Maize, Sorghum, Tomato, Soya beans, Rice, Guinea corn, Cassava, Yam, Vegetable, Cotton, Millet, G/Nut are: 20.5ha, 2166.3ha, 711ha, 12ha, 499.55ha, 746ha, 30.5ha, 8.5ha, 5.3ha, 1ha, 77ha, 20ha, 19.3ha respectively.

Furthermore, a total of 4316.7 hectares was cultivated as shown in Table 11. State-wise, the results showed that Abia, Abuja, Bauchi, Borno, Edo, Gombe, Imo, Jigawa, Kaduna, Kano, Kastina and Kogi produced various cropped varieties on 3ha, 5ha, 3ha, 193.9ha, 150ha, 2ha 9.8ha,

166.5ha, 2910.5ha, 354ha, 493ha, 26ha respectively. The pie-chart indicated that out of the total percentage/hectare, 34%, 33% and 33% goes to Maize, Rice and Sorghum respectively.

In addition, the pie-chart constructed state-wise shows that 61%, 20%, 6%, 4%, 4%, 2%, 1%, 1% and 1% of farmers are from Kaduna, Borno, Kano, Jigawa, Kastina, Imo, Kogi, Abuja and Bauchi respectively.

8.2 **Attendance at Meetings/Workshop and Conferences**

- 39th Regular Session of National Council on Agriculture (NCA) at Enugu Nike Resort, Enugu State, 13th - 15th March 2012; The Council's policy document was adopted;
- Horticultural Value Chain; The Council contributed in the drafting and implementation of project document;
- Horticulture Value Chain Stakeholders meeting 26th April, 2012.
- D-8 Countries on Private Sector Investment on Gene Bank Development and Fertilizer production, 15th – 17th May, 2012; Council contributed effectively in the following areas at the Workshop
 - i. Legal and Policy framework for promoting and strengthening intra D8 Germplasm transfer and exchange program;
 - ii. Capacity building and provision of needed infrastructure for the sustenance of effective performance of Seed Bank;
 - iii. Development of National Seed Bank in all D8 Country
 - iv. Development of Tri-level Seed Bank of National, Regional and Global levels.
 - Turkey is to host the D8 Gene Bank while the duplicate Gene Bank will be in Iran.
 - Review Meeting with UNNAB on Seed Extension Village, 23rd -24th April 2012;
 - Research Extension Farmers Input Linkage System(REFILLS) for North Central,23rd -27th April 2012; The major issues addressed are;
 - i. The anomaly of farmers' crave for foundation seeds instead of certified seed;
 - ii. The use of un-officially released materials in OFAR trials;
 - iii. The effort of NASC to curb the activities of unscrupulous activities of agro dealers;
 - iv. The need to withdraw hybrid that is performing below hybrid due to over recycling
 - The Council participated and coordinated the roll-out of seeds under the Growth Enhancement Support (GES);

- Sensitization/ Advocacy visit to Tomato producing States; Aug. 5th – 11th 2012;
- Meeting of the Honourable Minister with Scholar of Earth Institute, Columbia University, New York.

TABLE 10: THE SUMMARY OF THE ANALYSIS OF THE SEED COMPANIES OUT GROWERS

S/ N	SEED COMPANY	NO. OF FARMERS ANALYZED	HECTARAGE CULTIVATED	COWPEA	MAIZE	SORGHUM	TOM ATO	SOYAB EANS	RICE	GUINEA CORN	CASSAVA	YAM	VEGET ABLES	COTTON	MILLET	G.NUT
1	Champion seeds	41	571.3	0	382	50.5	11.5	17.5	85	14	5.5	4.3	1	0	0	0
2	Da-All green	77	1786.5	2.5	871.7	452.5	0	167.8	195.5	0	3	1	0	72	20	0.5
3	Nagari Seed	73	1807	0	818	225.2	0	286.5	452	16.5	0	0	0	0	0	8.8
4	Jirkur Seeds	49	193.9	18	99.9	1	0.5	39.25	20.75	0	0	0	0	5	0	9.5
5	Manoma Seed	13	35	0	32.7	0.8	0	0.5	0.5	0	0	0	0	0	0	0.5
TOTAL		253														
			4393.7	20.5	2204.3	730	12	511.55	753.75	30.5	8.5	5.3	1	77	20	19.3

Table 11 SUMMARY OF COMBINED LIST OF SEED COMPANIES OUT GROWERS STATEWISE

S/ N	STATE COVERED BY FIVE SEED COY'S	CROP/HECTARAGE CULTIVATED (Ha)													TOTAL (ha)
		COWPEA	MAIZE	SORGHUM	TOMATO	SOYAB EANS	RICE	GUINEA CORN	CASSAVA	YAM	VEGETA BLES	COTTON	MILLET	G.NUT	
1	ABIA	0	1	1	0	0	1	0	0	0	0	0	0	0	3
2	ABUJA	0	1.5	0	0	0	0	0	2	0.5	1	0	0	0	5
3	BAUCHI	0	1.7	0.8	0	0	0	0	0	0	0	0	0	0.5	3
4	BORNO	18	99.9	1	0.5	39.25	20.75	0	0	0	0	5	0	9.5	193.9
5	EDO	0	150	0	0	0	0	0	0	0	0	0	0	0	150
6	GOMBE	0	1	0	0	0.5	0.5	0	0	0	0	0	0	0	2
7	IMO	0	2.5	0	0	0	0	0	3.5	3.8	0	0	0	0	9.8
8	JIGAWA	0	21	0	0	12	133.5	0	0	0	0	0	0	0	166.5
9	KADUNA	2.5	1585.7	440.2	11.5	385.8	442	30.5	0	1	0	2	0	9.3	2910.5
10	KANO	0	129	68	0	9	145	0	0	0	0	3	0	0	354
11	KASTINA	0	160	190	0	53	3	0	0	0	0	67	20	0	493
12	KOGI	0	13	10	0	0	0	0	3	0	0	0	0	0	26

TOTAL	20.5	2166.3	711	12	499.55	745.8	30.5	8.5	5.3	1	77	20	19.3	4316.7
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9.0 **Constraints/Challenges**

The following are some of the challenges of the Department:

- Late release of budgetary provision for the implementation of programmes;
- Lack of mobility for effective field supervision;
- Lack of training and inadequate personnel-Seed Industry Development Officers not in most of the States.

10.0 **Possible Solution or Suggestions**

- Early release of fund to implement our programmes
- Provision of field inspection and monitoring vehicles
- There is need to have seed industry development officers in all the states to enhance our activities.
- Capacity building for SIDOs on current trends in seed industry development and business and training/capacity building to other stakeholders (agro-dealers) on seed handling and marketing.

DEPARTMENT OF SEED INDUSTRY DEVELOPMENT, TECHNICAL SUPPORT AND COMMERCIAL SERVICES
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