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## Sudan is Committed to Supporting the Development of Upland Rice Production

The Project, Federal Ministry of Agriculture and Irrigation (FMOAI) and State Ministries of Agriculture (SMoAs) organized the **Upland Rice Promotion Workshop for the Season 2014 - 2015**, on **13th January 2015**, at Churchill Ballroom in Grand



Holiday Villa, Khartoum. Mr. Ibrahim Mohmoud Hamid (Minister of FMOAI), Mr. Hideki Ito (Ambassador of Japan), Dr. Gafer Ahmed Abdallah (State Minister of FMOAI), Dr. Rodwan Mohamed Ahmed Morgan (Minister of Sennar SMoA), Prof. Mohamed Osman Mohamed Nour (Minister of Gedaref SMoA), Mr. Omer Ahmed Elshiekh (Minister of River Nile SMoA), Mr. Ahmed Elbashir Elbadawi (Minister of White Nile SMoA) and Mr. Seiichi Koike (Resident Representative of JICA Sudan Office) participated the workshop. Total participants are 57.

**Minister of FMOAI** stressed the Sudan's political commitment to development of upland rice production and praised the effort of the Project. **Ambassador of Japan** mentioned that agriculture sector is one of 3 pillars of Japanese cooperation with Sudan.

It is very important to note that in this workshop, **FMOAI showed strong initiative to involve and coordinate with SMoAs for the development of upland rice, in particular, focusing on the results of upland rice production in 2014, and the plan for 2015 including the future plan (2015 - 2019).**

Three TV (including National TV) and three newspapers reported the workshop.



[Left photo] Mr. Ibrahim Mohmoud Hamid (Minister of FMOAI)  
[Middle photo] Mr. Hideki Ito (Ambassador of Japan)  
[Right above photo] Dr. Rodwan Mohamed Ahmed Morgan (Minister of Sennar SMoA)  
[Right bottom photo] Mr. Seiichi Koike (Resident Representative of JICA Sudan Office)



[Left above photo] from the right, Dr. Gafer Ahmed Abdallah (State Minister of FMOAI), Mr. Elamien Hassan Elamien (DG of ICI, FMOAI), Mr. Ahmed Elbashir Elbadawi (Minister of White Nile SMoA) and Prof. Mohamed Osman Mohamed Nour (Minister of Gedaref SMoA),  
[Right above photo] from the left, Mr. Omer Ahmed Elshiekh (Minister of River Nile SMoA), Prof. Ahmed A. Elsiddiq (National Rice Research Coordinator of ARC), Prof. Ibrahim El-Dukheri (DG of ARC)



Views of the workshop

### Programme of the Workshop

Time	Item	Notes
10:30	Opening The Representative of 6 State MoAs The Representative from JICA Sudan Office Ambassador of Japan Federal Minister of MoAI	
11:00	[Session 1] Workshop Facts & Prospect on Upland Rice Development (by the Chief Advisor of the Project)	Chairperson: Dr. Rodwan (Minister of Sennar State MoA)
11:10	Presentation of the Result of season 2014 and Action Plan for Season 2015, and Discussion (1) Gezira State MoA (2) Sennar State MoA (3) Gedaref State MoA	Each presentation for 15 minutes
12:00	Break	
12:30	(4) River Nile State MoA (5) Northern State MoA (6) White Nile State MoA (7) ARC (8) NRP	(13:30-13:45 Prayer Time)
14:30	[Session 2] Open Discussion to support Action Plans (Role of Federal and States)	Chairperson: Mr. Elamien (Director General of ICI)

# Presentations and Discussion

Six SMOAs (Gezira, Sennar, Gedaref, River Nile, Northern and White Nile), ARC (Agricultural Research Corporation) and NRP (National Rice Project) presented their results of activities in the season 2014 and their **Action Plans for the season 2015 & 5 Year Plan (2015 - 2019)** in the workshop. After their presentation, total 15 participants delivered their opinions and questions. The participants discussed the issues how to support their Action Plans and role of FMOAI and SMOAs.



Categories of the Issues	Raised Issues	Recommendations
<b>Financial aspect</b>	<ul style="list-style-type: none"> <li>No financial support from FMOAI to States.</li> <li>No clear and enough budgets allocated for the upland rice on States.</li> </ul>	<ul style="list-style-type: none"> <li>FMOAI must support upland rice cultivation to States (financial support)</li> <li>To create consortium to finance upland rice cultivation</li> </ul>
<b>Coordination between FMOAI &amp; SMOAs (Role of NRP)</b>	<ul style="list-style-type: none"> <li>No strong coordination between FMOAI and States concerning upland rice cultivation.</li> <li>Complete absence of NRP in States.</li> <li>What is the role of NRP to promote upland rice in States?</li> </ul>	<ul style="list-style-type: none"> <li>To strengthen the coordination between States and FMOAI to promote and support upland rice.</li> <li>To re-activate the role of NRP to promote and support upland rice cultivation in States.</li> <li>NRP must support and monitor the cultivation of upland rice in States.</li> <li>NRP should coordinate FMOAI and States.</li> </ul>
<b>Seeds</b>	<ul style="list-style-type: none"> <li>Problem of the purity of upland rice seeds.</li> </ul>	<ul style="list-style-type: none"> <li>ARC will continue their experiment on upland rice including NERICA 4.</li> <li>To Establish unit at the federal level to produce upland rice seed.</li> <li>Federal Minister issued a decision to establish a center at ARC to maintain seeds crops.</li> </ul>
<b>Technical Issues</b>	<ul style="list-style-type: none"> <li>Problem of weeds control.</li> <li>Problem of post-harvest processing.</li> </ul>	<ul style="list-style-type: none"> <li>ARC must tackle the problem of the weed control.</li> <li>More attention need to be placed to post-harvest operations.</li> </ul>
<b>Training for Extensionists</b>	<ul style="list-style-type: none"> <li>States and the Project should measure the impact of the training.</li> <li>Training Unit in FMOAI must play its role concerning training aspect for proper human resource development.</li> </ul>	<ul style="list-style-type: none"> <li>The Project and SMOAs are conducting evaluation of the training.</li> <li>To post the human resource who received training to proper work place</li> </ul>
<b>Others</b>		<ul style="list-style-type: none"> <li>M&amp;E system should be established in all SMOAs.</li> <li>There should be clear criteria to select good farmers.</li> </ul>

## Yield Results of the 6 SMOAs in 2014

After harvesting, yield survey was conducted of all demonstration farms and seed production site. The yield results (whole area yield) of 6 States are shown in the tables.

Area 44 (demo site) in Gezira State achieved **5.5t/ha**. This is international standard. It shows the potential and possibility of rice production in Sudan and suitability of NERICA 4.



State	Demo Site	Area (ha)	Area (fed)	Yield (kg/ha)	Yield (kg/fed)
Gezira	Wad Bahai	1.68	4	2718	1142
	Shibairab	0.84	2	1377	578
	Area 44, Block 9 (Rahad Scheme)	1.05	2.5	<b>5548</b>	<b>2330</b>
	Hosh	0.84	2	2198	923
	Wad Alhadad	0.84	2	2718	1142
	Abdelrahman	0.84	2	2950	1239
	Faris	0.84	2	2314	972
	Goz Alihead	0.84	2	1365	573
TOTAL/Average		7.77	18.5	2580	1084

State	Seed Production Site	Area (ha)	Area (fed)	Yield (kg/ha)	Yield (kg/fed)
Gezira	Area 44, Block 9 (Rahad Scheme)	3.15	7.5	<b>3270</b>	<b>1373</b>

Yield of Experiment Site (UmBarona, Gezira State)	
2012	More than <b>8t/ha</b>
2013	More than <b>10t/ha</b>
2014	More than <b>9t/ha</b>



Vice President visited the harvest day in Area 44, Gezira State.

State	Site	Area (ha)	Area (fed)	Yield (kg/ha)	Yield (kg/fed)
Sennar	Morafaa	1.05	2.5	1628	684
	Maiurno A	0.84	2.0	218	91
	Maiurno B	0.84	2.0	460	193
	Kassab A	1.05	2.5	1345	565
	Kassab B	1.05	2.5	1273	535
TOTAL/Average		4.83	11.5	985	414

State	Site	Area (ha)	Area (fed)	Yield (kg/ha)	Yield (kg/fed)
River Nile	Almanas-sier	0.42	1.0	433	182
	Atbara	0.42	1.0	1215	511
	Alfadlab	0.42	1.0	1162	488
TOTAL/Average		1.26	3.0	937	394

State	Site	Area (ha)	Area (fed)	Yield (kg/ha)	Yield (kg/fed)
Northern	Dongola Island	0.42	1.0	1077	452
	Garada	0.42	1.0	515	216
TOTAL/Average		0.84	2.0	796	334

State	Site	Area (ha)	Area (fed)	Yield (kg/ha)	Yield (kg/fed)
Gedaref	Al Fau (SMoA)	0.84	2.0	1145	481
	Al Fau (Farmer)	0.84	2.0	1973	829
	Shuwak (SMoA)	0.84	2.0	1840	773
TOTAL/Average		2.52	6.0	1653	694

State	Site	Area (ha)	Area (fed)	Yield (kg/ha)	Yield (kg/fed)
White Nile	Kosti A	1.26	3.0	436	183
	Kosti B	1.26	3.0	616	259
TOTAL/Average		2.52	6.0	526	221

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