

Nations	Potential of NERICA	Government Activities and Budget Allocations for Dissemination of NERICA	Current Status of NERICA Dissemination	Future Tasks for Promotion of NERICA	Japan's Action Plans to Support NERICA Dissemination
Uganda	To raise farmers' income, enhance import substitution, improve nutritional status of farmers and contribute to food security.	Formulation of the Upland Rice Growing Initiative led by the Vice-President. US\$220,000 for seed and fertilizer supply and for training of 1,250 farmers.	The area under NERICA has been rapidly expanding from 1,500 ha in 2002 to 10,000 ha in 2005. <i>Over 20,000 ha cultivated in 2006.</i> The majority of the country is blessed with the natural conditions suitable for NERICA cultivation and NERICA can be grown twice a year. <i>NERICA 8-18 sent for evaluation.</i>	To support research and seed production. To extend comprehensive support for technical training of NERICA cultivation (e.g., seed and fertilizer). To provide rice farming tools (hoe, winnower and thresher); To support post harvest treatment (rice cleaning machine and technology); To provide NERICA cultivation training for extension staff and farmers.	A JICA specialist for NERICA dissemination was dispatched in 2004. The specialist covers Ethiopia, Kenya, Tanzania, Malawi, Mozambique, Madagascar and Zambia as well as Uganda. To provide about 120 tonnes (US\$90,000) of NERICA seeds in collaboration with the JICA specialist in 2004-2005. To examine the possibility of extending grant aid for the NERICA research and training center. <i>Provision the Grant Assistance for Underprivileged Farmers of US\$1.37 million in total for a project distribute seeds, fertilizer and pedal threshers and to train farmers implemented by FAO in collaboration with MAAIF, JICA and other partners.</i> <i>A survey on production, distribution and consumption is completed.</i>
Guinea	To double rice production per unit area. To achieve self-sufficiency in rice. To raise farmers' income by combination of rice and vegetable production.	Implementation of Varietal Improvement Program with close coordination between IRAG and SG2000. Implementation of Participatory Varietal Selection (PVS) supported by WARDA <i>and UNDP.</i> Implementation of CBSS supported by WARDA. Implementation of the AfDB-ARI NERICA Dissemination Project with financial contribution of the Government including US\$12.5 million and its labor costs.	Guinea has already shifted its NERICA rice production from experimental cultivation phase to dissemination and commercialization phase. The NERICA rice fields amount to about 15% of all rice fields. Seed production has been steadily promoted. <i>Over 800 tonnes of seed produced in 2005 and 10 tonnes during 2005/2006 off-season.</i> Seeds are exported to the neighboring countries (10t for Gambia, 10t for Mali and 8t for Sierra Leone). <i>More than 70,000 ha under NERICAs.</i> AfDB NERICA project has been launched. The estimated yield of NERICA in farmer's field is 2.5 tonnes/ha. <i>New NERICA varieties including NERICA 8-18 sent for testing. Efforts are being made to renew seed. ARI is supporting foundation seed production in off-season. NERICA complementary technologies (agronomic characteristics under testing). Some lowland NERICA varieties are in release process. Baseline survey completed. Impact study in progress.</i>	To establish organized systems (such as CBSS and others) for stable seed production. To secure steady provision of fertilizer. To achieve phased modernization of agricultural methods, continuous technical improvement and (literacy) education for farmers, & capacity building of extension workers. To undertake market campaign to attract consumer's interest. To collect and analyze data for NERICA production by variety and region.	To support lowland NERICA development project by JIRCAS and IRAG launched in 2004. To send JICA specialist for farming village development by the end of 2005. To examine possibility of extending grant aid and technical assistance for NERICA production. To give priority to distribution of farming tools and fertilizer related to NERICA production in implementing 2KR projects. <i>To examine support to a project to disseminate NERICA rice post harvest technology and to train rural women implemented by SNPRV and SG2000 through UNDP.</i> <i>A survey on production, distribution and consumption of NERICA is completed.</i>

Nations	Potential of NERICA	Government Activities and Budget Allocations for Dissemination of NERICA	Current Status of NERICA Dissemination	Future Tasks for Promotion of NERICA	Japan's Action Plans to Support NERICA Dissemination
Benin	To contribute to food security	African Development Bank (AfDB) supports NERICA dissemination. Participatory Varietal Selection is supported by WARDA, <i>the private sector, NGOs and local Banks. NERICA dissemination program supported by a local businessman was officially launched in June 2006. WARDA signed a MOU with SONGHAI Center (regional NGO) with the objective of producing and commercializing NERICA products.</i>	NERICAs 1, 2 <i>and 4</i> adopted by farmers. AfDB's NERICA Project launched. Estimated yield of NERICA in farmer's fields is 2.5 tonnes/ha. <i>Fifteen tonnes of seed produced in 2005. More than 100 new materials including NERICAs 8-18 undergoing testing. Lowland NERICAs also being tested and undergoing PVS extension. NERICA complementary technologies (agronomy) under testing. Sixty farmers (South, Central & North) trained in NERICA seed production. Adoption rates and impact of NERICA adoption on women, health and schooling evaluated.</i>	To support seed production for securing stable and pure seeds; To support post harvest treatment of NERICA to enhance the quality of the products in market.	<i>Japanese delegation visited Benin. Support to NERICA dissemination plan is the pipeline.</i>
Burkina Faso	To contribute to self-sufficiency in rice and reduce rice imports.	The government encourages NERICA promotion. <i>PAFR and PRP funded INERA for PVS extension in upland, lowland and irrigated ecologies.</i> It is not confirmed if the government is allocating any funds. PVS is supported by WARDA <i>and UNDP.</i> SG2000 is supporting NERICA dissemination and seed production. <i>Rockefeller Foundation is supporting seed production. UNDP is funding PVS.</i>	Three upland <i>NERICAs (12, 13 & 17)</i> and 4 lowland NERICAs were released. The estimated yield of upland NERICAs in farmer's field is 2 - 3 tonnes/ha. <i>4 Lowland NERICAs released and intensive work on PVS for more release is ongoing.</i>	To support seed production for securing stable and pure seeds; To support post harvest treatment of NERICA to enhance the quality of the products in market; To support the development of lowland NERICA.	<i>JICA plans to be involved on NERICA seed production (both lowland and upland)</i>
Burundi	<i>To contribute to food security.</i>		<i>NERICAs 8-18 and 60 lowland NERICAs sent for PVS</i>		
Cameroon	To contribute to food security and support poor farmers through job creation.	Selection of possible sites for experimental fields.	Rice is produced but NERICA rice production has not reached the dissemination phase.	<i>To support seed production for securing stable and pure seeds.</i> To continue technical assistance and follow-up of farmers producing NERICA.	To send a JICA mission in August 2005.
Chad	<i>To contribute to food security.</i>		<i>Upland NERICAs including newly named NERICAs sent for PVS</i>		

Nations	Potential of NERICA	Government Activities and Budget Allocations for Dissemination of NERICA	Current Status of NERICA Dissemination	Future Tasks for Promotion of NERICA	Japan's Action Plans to Support NERICA Dissemination
Cote d'Ivoire	To enhance import substitution. (currently 0.5 million tonnes of rice, half of the rice consumption in the country, is imported)	Implementation of national program for NERICA dissemination. US\$300,000 allocated for CBSS (2001). Provision of rice seeds including NERICAs, fertilizer and training for farmers for approximately 20,000 ha in 2003, under its program for emergency rice production. National programs and local NGOs are supported by JAPAN/UNDP to produce NERICAs. <i>Funding of CBSS Phase II by UNDP approved.</i>	NERICA rice production has been fairly disseminated among farmers and there exists some private firms to sell NERICA seeds. PVS has been implemented since 1999 and seed production through CBSS was launched in 2001 but its progress has stagnated due to the domestic turbulence in 2002. Two thousand tonnes of NERICA seeds were reported to be harvested in 2005. <i>Over 600 tonnes of seed produced.</i> The local ARI committee has been put in place. 15,000-20,000 ha estimated as NERICA cultivated area. Estimated yield of NERICA in farmer's fields is 3 tonnes/ha. <i>Impact and adoption rates have been estimated.</i>	To introduce NERICA to the school lunch project implemented by the Department of Education. To train agricultural dissemination workers to be management advisers. To establish distribution systems of farm products by dispatching specialist. <i>To make seed available, especially to the war affected zones.</i>	Extended Japan's assistance for emergency rice production by credits from Japanese Grant Funds in 2003. US\$420,000 of Japan/UNDP fund for the CBSS activities.
Democratic Republic of Congo (DRC)	To contribute to food security.	Institut National d'Etude et de Recherche Agronomiques (INERA) is in charge of NERICA evaluation in the country. Programme National Riz (PNR) and NGOs such as Centre de Development Integral (CDI) and Operations des Populations pour les Activites d'Autopromotion (OPALA) are involved in NERICA dissemination. International Fund for Agricultural Development (IFAD) is funding the NERICA Dissemination Project for 2 years and WARDA is responsible for technical implementation of the project in collaboration with INERA.	NERICAs 1-7 were tested in 4 provinces and NERICA 4, 6 and 7 were mostly adaptable to DRC. Yields obtained were 3 - 4 tonnes/ha without fertilizer. <i>PVS-Extension is on-going. Lowland NERICAs are being evaluated. 307.7 tonnes of seed were produced in 2005.</i>	To strengthen dissemination programs such as PVS-Extension <i>and support seed production for securing stable and pure seeds.</i>	
Ethiopia	To stimulate the demand for rice as a cash crop or staple food.	The labor costs of cultivation test covered by the government.	NERICA varietal trials were implemented nationwide in 2004 and further verification trials at farmer's level are scheduled to be implemented. <i>Six varieties introduced in 2003-2004 and 11 in 2005. Three NERICAs were released in 2006. The fourth will be released soon. Lowland NERICAs have been evaluated.</i>	To develop human resources for rice research and farmers with experience in rice production. To develop and disseminate post harvest methods for threshing and rice cleaning, etc. To establish a network with other relevant African nations.	To support NERICA production through SG2000.

Nations	Potential of NERICA	Government Activities and Budget Allocations for Dissemination of NERICA	Current Status of NERICA Dissemination	Future Tasks for Promotion of NERICA	Japan's Action Plans to Support NERICA Dissemination
Gambia	To enhance import substitution and contribute to food security.	Supporting seed production activities to secure genuine NERICA seeds. <i>Government launched NERICA promotion project and fertilizer offered to NERICA production associations.</i>	Government has allocated some of its budget for supporting farmers to select and multiply appropriate NERICA seeds. AfDB NERICA project has been launched. NERICA centers have been created and seeds are produced using the CBSS approach. <i>300 tonnes of certified seeds produced in 2005 and over 900 tonnes of seed are expected to be produced in 2006.</i> Four NERICAs have been adopted and cultivated by farmers and PVS is used to introduce more NERICAs. <i>NERICAs 1 to 6 are cultivated. Three Lowland NERICAs have been released.</i> The estimated yield of NERICA in farmer's fields is 3 tonnes/ha. <i>NERICA complementary technologies (agronomic characteristics under testing). Three irrigated lowland NERICAs have been released. Impact and adoption surveys completed.</i>	To support seed production for securing stable and pure seed (support agricultural laboratory facilities and securing of fields, etc). To secure dissemination workers who have experience in rice production.	
Ghana	To contribute to food security.	The government is supporting D12NERICA seed Production. AfDB supports NERICA dissemination. PVS is supported by WARDA and UNDP. GOJ project on NERICA; Gatsby Foundation rice project. <i>UNDP funded PVS project launched in May 2006+D5</i>	NERICA 1 was released and other NERICAs are under evaluation for release. AfDB NERICA Project has been launched. More than 150 ha are used for seed production of NERICA in 2005. The estimated yield of NERICA in farmer's field is 3.0 tonne/ha. <i>Lowland NERICA under test. NERICA Complementary technologies (agronomy characteristics under test). New set of NERICA including NERICA 8-18 sent for PVS base line survey completed.</i>	To support seed production for securing stable and pure seeds; To support post harvest treatment of NERICA to enhance the quality of the products in market.	
Guinea Bissau	<i>To contribute to food security.</i>		<i>Upland NERICA including new named sent for PVS</i>		
Kenya	To enhance import substitution.	Implementing a policy to specify a role for each relevant organization to facilitate NERICA seed multiplication and dissemination to farmers.	KARI and JICA are jointly implementing cultivation tests in 20 areas nationwide. <i>NERICAs 4 & 11 are the most popular. Up to 6 tonnes/ha were reported.</i>	To overcome difficulties providing appropriate technical assistance as its examination sites for NERICA production are scattered all over the country; To examine the possibilities that the demand for NERICA may not increase due to price competition with imported rice (mainly from Pakistan) and consumer's preference.	To hold a rice workshop inviting neighboring countries in AICAD. <i>Implementing experimental cultivation in the farmers' fields.</i>

Nations	Potential of NERICA	Government Activities and Budget Allocations for Dissemination of NERICA	Current Status of NERICA Dissemination	Future Tasks for Promotion of NERICA	Japan's Action Plans to Support NERICA Dissemination
Madagascar	To increase rice production for self-sufficiency.	Implementation of a project to dissemination of NERICA; Organization of a NERICA committee, consisting of Government of Madagascar and JICA; Implementation of cultivation test at 12 sites.	Experimental cultivation of NERICA has been implemented only in highlands but in other areas irrigated rice production is more common.	To collect more reliable data by systematic cultivation method.	To dispatch JICA agricultural specialist as early as possible.
Malawi	To contribute to food security.	The government has a rice experiment station.	Experimental cultivation of NERICA supported by JICA has been implemented in 6 places. <i>NERICAs 8-18 sent for PVS testing.</i>	To examine adaptability of NERICA to various regions.	<i>JICA Expert plans to work on NERICA varietal trials.</i>
Mali	To contribute to food security.	USAID supports the NERICA project through PRODEPAM. National seed service and NGOs are supporting seed production. AfDB supports NERICA dissemination. PVS is supported by WARDA. <i>Rockefeller Foundation is supporting seed production. NERICA dissemination project officially launched.</i>	NERICAs 1 and 4 were released. Two lowland NERICAs were released. AfDB NERICA Project has been launched. More than 150 ha were used for NERICA seed production in 2005. The estimated seed requirement is 350 tonnes in 2006. <i>60 tons of foundation seeds produced in 2005 during the main and off seasons.</i> The estimated yield of upland NERICAs in farmer's field is 2.5-3 tonnes/ha. <i>New NERICA lines including NERICAs 8-18 sent for testing in 2005. Two lowland NERICA varieties released and seed multiplied. NERICA complementary technologies (agronomic characteristics) under testing. Baseline survey completed and impact study in progress.</i>	To support seed production for securing stable and pure seeds. To support post harvest treatment of NERICAs to enhance the quality of the products in market. To support the development of lowland NERICAs.	
Mauritania	<i>To contribute to food security.</i>		<i>Upland NERICA sent for PVS test.</i>		
Mozambique	To support poor farmers.	Conducting surveys for formulation of national strategy for rice production; Implementation of cultivation test at IIAM, with close coordination with SG2000; Allocation of 6.5% of national budget for agriculture.	NERICA rice production has not reached the dissemination phase. <i>NERICAs 8-18 sent for PVS.</i>	To examine adaptability of NERICA to various regions. To secure NERICA seeds and establish distribution system of NERICA. To raise awareness of the importance of NERICA among farmers.	JICA Expert and JOCV volunteer have been working on NERICA varietal trials.
Niger	<i>To contribute to food security.</i>	<i>National rice program involved in NERICA promotion</i>	<i>NERICAs 8-18 and 60 lowland NERICAs sent for PVS testing. Some lowland NERICAs will be released next year.</i>		

Nations	Potential of NERICA	Government Activities and Budget Allocations for Dissemination of NERICA	Current Status of NERICA Dissemination	Future Tasks for Promotion of NERICA	Japan's Action Plans to Support NERICA Dissemination
Nigeria	To contribute to the achievement of self-sufficiency. The government set the target of achieving rice self-sufficiency by 2007.	Implementation of its initiative for increasing of rice production, processing and export, led by the President. Implementation of AfDB-ARI NERICA Dissemination Project in 2005 and covering 16% of its cost.	NERICAs 1 and 2 have been released and NERICA 3 will be released soon. High demand for NERICA seeds (more than 1,000 tonnes) are being raised. AfDB NERICA project has been launched. <i>250 tonnes produced in 2005.</i> The government released funds for NERICA seed production (1 billion Naira) The estimated yield of NERICA in farmer's field is 3 tonnes/ha. <i>More than 400 new materials including NERICAs 8-18 are under testing. NERICA complementary technologies (agronomic characteristics under testing include water regimes, fertilizer rates & weeding regimes) development is in progress. Rockefeller Foundation is supporting seed production. Impact study in progress.</i>	To support post harvest treatment of NERICA. <i>Support to seed production to satisfy increasing demand.</i>	
Republic of Congo Brazzaville	To contribute to food security.	ENI-CONGO, an Italian petroleum company, funded a NERICA promotion project in an upland rice growing area (Cuvette region in the Oyo District) in the country. WARDA is implementing the project. FAO is engaged in NERICA dissemination.	Thirty-Six upland varieties including 20 NERICAs were tested in the Cuvette region. Six NERICAs with high yields were recognized. <i>NERICA 8 produced 7 t/ha. NERICA 10 has been adopted.</i>	To test NERICA in other regions in the country since NERICA showed high performance in the Cuvette region. <i>To support seed production for securing stable and pure seeds. To support post harvest treatment of NERICA.</i>	
Rwanda	<i>To contribute to food security.</i>	<i>NERICAs 8-18 sent for PVS testing.</i>			
Senegal	To successfully disseminate lowland NERICAs.	No specific action by the government. Allocation of 11% of its national budget for agriculture.	The northern part of the country produces irrigated rice (about 70%) and the southern part produces rainfed rice. <i>Irrigated lowland NERICAs have been introduced in farmers fields in Fatick zone by ANCAR.</i>	To support development of lowland NERICAs. To provide technical assistance for production, processing and distribution of irrigated rice.	<i>Implementing survey on the status of rice farming through JICA's Development Studies.</i>
Sierra Leone	To contribute to self-sufficiency in rice and reduce rice imports.	AfDB supports NERICA dissemination. The government sought bilateral funds to promote NERICA <i>UNDP funded PVS project launched in May 2006</i>	NERICAs 1 to 6 have been adopted by farmers. AfDB NERICA Project has been launched. WARDA initiated NERICA seed production in Bo and Blama districts in 2004. <i>260 tonnes of seed were produced in 2005. NERICA complementary technologies (agronomic characteristics) under testing. New set of NERICAs including NERICAs 8-18 sent for PVS. Seeds of 5 lowland NERICAs are being multiplied. Baseline survey completed. Impact study in progress.</i>	To support seed production for securing stable and pure seeds. To support post harvest treatment of NERICA to enhance the quality of the products in market.	Japan is providing grant for reconstruction of research facilities at the rice research center in Rokupr.

Nations	Potential of NERICA	Government Activities and Budget Allocations for Dissemination of NERICA	Current Status of NERICA Dissemination	Future Tasks for Promotion of NERICA	Japan's Action Plans to Support NERICA Dissemination
Sudan	<i>To contribute to food security.</i>	<i>Upland and lowland NERICAs sent for PVS</i>	<i>Farmers are cultivating NERICA.</i>		
Tanzania	Rice production is unlikely to be promoted as corn is the staple food	Organization of the NERICA Technical Committee. Implementation of cultivation test by AICAD. Allocation of 5.5% of its national budget for agriculture in 2004 and of 7.2% in 2005.	Only small-scale cultivation testing has been implemented. NERICA rice production has not reached the dissemination phase. <i>Three NERICA varieties released in 2006. NERICAs 8-18 sent for testing. Lowland NERICAs under testing.</i>	To improve its research for rice production. To conduct market survey to examine the possibility of introducing NERICAs. To secure close collaboration among ministries concerned with cultivation testing, seed production and dissemination.	To support NERICA varietal trials through AICAD.
Togo	To contribute to self-sufficiency in rice and reduce rice imports.	PVS is supported by WARDA and Government	NERICAs 1-5 were adopted by farmers. Some lowland NERICAs have been adopted by farmers. The estimated yield of upland NERICAs in farmer's field is 2 - 3 tonnes/ha. <i>New set of NERICAs including NERICAs 8-18 sent for testing. Some Lowland NERICAs have been adopted. Complementary technologies (NERICA response to fertilizer) are being developed. More farmers identified for seed production.</i>	To support seed production for securing stable and pure seeds. To support post harvest treatment of NERICA to enhance the quality of the products in market.	
Zimbabwe	<i>To contribute to food security.</i>		<i>NERICAs 8-18 sent for evaluation.</i>		