

Concept Note 10: Improving on-field Post-harvest Handling and management Practices

1. Title (Full name)	Improving on-field Post-harvest Handling and Management Practices							
2. Project Location	Nationwide							
3. Implementing Agency	Federal Ministry of Agriculture and Rural Development							
4. Beneficiaries	Extension agents, Lead Farmers, Paddy Aggregators, Quality control officers and small-scale processors							
5. Target Group	Farmers and Aggregators							
6. Type of project	1. Grant, 2. R&D, 3. Technical Coop./Assistance, 4. National budget, 5. Private sector (Select as appropriate) 1, 3, 4 & 5							
7. Field of support	1. Policy, 2. R & D, 3. Extension & Training, 4. Production, 5. Marketing 6. Post-harvest, 7. Quality Control, 8. Credit, 9. Capacity Building, 10. Infrastructure 11. Other (Infrastructure (Warehouses for storage), Machinery (Threshing machines) (Select as appropriate) 1, 3, 6, 8, 9, 10 & 11							
8. Suggested Funding sources	Federal Government (FMARD), JICA, GIZ, FAO, State Government, USAID, AGRA, Sasakawa SG 2000, FCDO, ISD, AFDB, AFD, World Bank, UNDP, IFAD, BOI, BOA, other financial institutions							
9. Budget (USD)	23,989,144.74							
10. Duration of the project	3-4 years							
11. Background								
12. Goal and objective	<p>Overall objective Improving efficiency in Postharvest management and storage</p> <table border="1"> <thead> <tr> <th>Specific Objectives</th> <th>Output</th> </tr> </thead> <tbody> <tr> <td>1. To reduce postharvest losses in the rice value chain</td> <td>1-1. Improved capacity of extension agents and farmers on good postharvest practices 1-2. Farmers have access to modern postharvest machineries 1-3. Farmers have access to storage facility</td> </tr> <tr> <td>2. Promote the paddy grading standard</td> <td>2-1. More awareness of paddy grading standards</td> </tr> </tbody> </table>		Specific Objectives	Output	1. To reduce postharvest losses in the rice value chain	1-1. Improved capacity of extension agents and farmers on good postharvest practices 1-2. Farmers have access to modern postharvest machineries 1-3. Farmers have access to storage facility	2. Promote the paddy grading standard	2-1. More awareness of paddy grading standards
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2. Promote the paddy grading standard	2-1. More awareness of paddy grading standards							
13. Activities	<p>Specific Objective 1 (Output 1-1) To reduce postharvest losses in the rice value chain</p> <p>1-1-1. Sensitization, demonstration, and capacity building of farmers/ extension officers on modern postharvest and processing practices</p> <p>1-1-2. Development of training materials (posters, manuals)</p> <p>1-1-3. Support farmer groups to access single digit credit for post-harvest machineries (threshers, winnower, moisture meter and hand harvesters) E.g., organizing match making workshops with financial institutions and farmer groups.</p> <p>1-1-4. Setup of postharvest machinery hiring and service centers</p> <p>1-1-5. Provision of subsidies on postharvest equipment</p> <p>1-1-6. Capacity building for local fabricators on fabrication and maintenance of postharvest machineries</p> <p>1-1-7. Construction, rehabilitation, and equipping (dryer of Grain Aggregation Centers (GACs) in all rice production clusters across the Country</p> <p>1-1-8. Introduction of ICT in paddy aggregation.</p> <p>1-1-9. Construction and rehabilitation of access road.</p> <p>Specific Objective 2 (Output 2-1) Promote the paddy grading standard</p> <p>2-1-1. Sensitization on paddy grading standards across producers, processors, and aggregators</p>							
14. Expected Impact	Rice farmers postharvest losses is reduced by 50%							
15. Potential Collaborators	Private Sector, Research and development, Development partners RIFAN, RIMAN, PRIDAN, ASMORIN (Association of small and medium scale Modular Rice Millers of Nigeria) Financial Institutions,							