

**Final Evaluation Report on Verification and Refinement of the
System of Rice Intensification (SRI) Project in Selected Areas of
Bangladesh (SP 36 02)**



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Responsibilities and Acknowledgements

The sub-project (SP 36 02) was initiated in October 2002 with funding support from IRRI-PETRRRA to conduct trials on the System of Rice Intensification (SRI) to develop an appropriate SRI practice especially for resource-poor farmers for enhancing rice production to improve their livelihoods.

BRAC as the lead organisation was responsible for coordination and overall management of the sub-project under the leadership of Professor A. M. Muazzam Husain, Chairperson, Department of Economics and Social Science, BRAC University. He was the Principal Investigator and Sub-project Coordinator. The three other partner organizations were the NGOs SAFE and POSD, and Syngenta Bangladesh Ltd. The Principal Investigators for the partner organizations were: Mr. Gopal Chowhan, Executive Director, SAFE; Mr. A. F. M. Razibuddin, Director, POSD; and Mr. Aminul Haque, Director Marketing, Syngenta. It may be mentioned that the sub-project started with Mr. J.C. Saha Choudhury, Director of Regulatory Affairs for Syngenta, as the PI for Syngenta. Mr. Haque took over after Mr. Saha Choudhury's untimely and sad demise in a road accident.

Prof. Muazzam Husain has prepared this report with valuable assistance received from Mr. Proloy Barua, Junior Research Associate, RED, BRAC; Mr. Gopal Chowhan; Mr. A.F.M. Razibuddin; and Mr. A.B.M. Ziaur Rahman, Trial Officer, Syngenta Bangladesh Ltd. The first author is finally responsible for the report.

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Glossary

BRAC	An NGO, formerly known as Bangladesh Rural Advancement Committee
BRR	Bangladesh Rice Research Institute
CARE	Cooperative for American Relief Everywhere
CIIFAD	Cornell International Institute for Food, Agriculture and Development
DAE	Department of Agriculture Extension
DD	Deputy Director
ED	Executive Director
ESS	Economics and Social Science
etc.	<i>et cetera</i> (L)
e.g.	<i>exempli gratia</i> (L), for example
No.	Number
i.e.	<i>id est</i> (L), that is
IRRI	International Rice Research Institute
NGO	Non-Government Organization
PETRRRA	Poverty Elimination Through Rice Research Activity
POSD	People's Organisation for Sustainable Development, a sister concern of CARE Bangladesh
RED	Research and Evaluation Division
RPF	Resource-poor farmers
SAFE	Sustainable Agriculture and Farming Enterprise, an NGO
SRI	System of Rice Intensification

Executive Summary

An overview of the sub-project: In a workshop hosted by BRAC and attended by policy makers, researchers and NGO practitioners, a steering committee was formed in early 2002. PETRRA assured some funds for which proposals were made, and three sub-projects were approved for trials during two consecutive *Boro* seasons (2002-2004).

Initial trials of the System of Rice Intensification (SRI) conducted by CARE-Bangladesh and DAE in 1999-2000 encouraged some NGOs and BIRRI to conduct further organised trials. Favourable perception of participating farmers also encouraged practitioners to go for further trials.

The broad objective of the sub-project was to develop an appropriate SRI practice especially for resource-poor farmers for enhancing rice production to improve their livelihood.

Three NGOs -- BRAC, CARE/POSD, and SAFE -- together with Syngenta Bangladesh Ltd., a private organisation, participated in the action research. The SRI method of rice crop management was implemented through organised groups of farmers in eight Upazilas of four districts of Bangladesh. These were Rajshahi, Bogra, Comilla and Noakhali.

Information sources used during evaluation: Information was collected for the evaluation mainly from participating farmers practising SRI during *Boro* 2002-03 through baseline surveys, monitoring reports on crop production, and farmers' perceptions gathered through local and national workshops. Resource-poor farmers, sub-project field staff, and researchers were involved in the collection and analysis of data. This participatory process enhanced closer collaboration and helped with better execution of the sub-project. However, data for only one season were available for analysis.

Sub-project achievement in relation to the logical framework: Income increased due to yield increase at a higher rate than expected. Cost of production reduced by 7% against 10% targeted. During second *Boro* season, the number of farmers increased by 62% and the area increased by 91%. Farmer training was slightly below target, but 80% farmers can explain SRI (as targeted). In relation to the logical framework, the performance in a majority of indicators was satisfactory, and in some cases it exceeded the target. Overall performance was encouraging.

Looking at outputs, high success areas included farmers' training and motivation, reduction in pesticide use, and rice seed saving. Weak areas included unavailability of adequate organic manure, problems in seedling raising, and irrigation management due to trials being conducted on small isolated plots. At purpose level, achievement included increased participation of farmers in SRI trials by 62%, an increase in yield by 30%, reduction of cost by 7%, and improved rice-provisioning ability, also highly satisfactory sharing of knowledge through local and national-level workshops. Farmer-extension-research linkages also improved.

Livelihood changes: Overall productivity of rice under SRI improved, but participation of female farmers was adversely affected by religious conservativeness in most areas. SRI was found to be more environment-friendly, with less use of pesticides and chemical fertilizer. Seed saving was significant (58%). Data for one season do not permit strong conclusions on rice-provisioning ability, which according to farmers' perception, improved by at least one month. Limited data for one season also do not justify conclusions about livelihood changes.

Evaluation of research findings: SRI practices as compared to farmers' practices led to increase in yield with increased tillering, grains per panicle, grain weight, and biomass production. The results of trials which resource-poor farmers liked most included: transplantation of young single seedlings (often two), wider plant spacing, increased use of organic manure, and significant reduction in pesticide use. A new research approach introduced by the sub-project during the second Boro season was the community approach in SRI production to improve water management. The SRI technology appears to be acceptable to farmers, who are increasingly adopting SRI. Cooperation of DAE at local level was also encouraging.

Participation of resource-poor farmers: Eighty percent of the participating farmers were resource-poor. Definition of resource-poor farmer (RPF) was somewhat flexible determined through focus-group discussion and wealth-ranking exercises at the local level. Their practical experiences led to improve certain operational aspects, such as improving the transplantation method of young seedlings to reduce mortality, and initiation of a community approach to improve water management.

The management of gender equity and environmental impact: Participation of women farmers, except in Rajshahi, was limited due to adverse religious-cultural norms prevailing in many of the project areas. Two women researchers were also involved in the sub-project. Participation of women farmers was more or less restricted to indoor activities such as rice seed soaking for sprouting and post-harvest operations. Environmental effects were positive. Farmers' started using organic manure and reducing chemical fertilizer use that improved soil health. There was substantial reduction in pesticide use.

Capacity-building: Several training sessions were held in each of the sub-project areas for farmers; two training workshops was organised for field staff ;and a national workshop was held, all of which helped in capacity-building of different stakeholders. Farmers' cross-visits and field days were arranged. Field visits were also arranged for sub-project scientists/researchers, BRRRI scientists, and DAE officials. Contribution of the above in capacity-building has been positive in better understanding of the concept of SRI and in improving field performance. However, these would be better reflected in the results of second *Boro* season trials.

The organisational impact of the research: Besides close collaboration among the four sub-project partners, linkage has been established with the two other SRI sub-projects. Also DAE has been offering its support at the field level. A number of other organisations have shown interest in SRI and have asked for information on SRI, which is being provided to them. A new relationship emerged between farmers, extension workers and scientists through SRI trials. The coordination of SRI sub-

projects, as encouraged by PETRRA, has strengthened the interaction among different institutions working on SRI. Awareness at national level is being created through PETRRA sub-project activities. Sub-project findings will hopefully be used to replicate SRI method in wider areas in future.

Documentation and communication: A number of documents have been prepared on SRI, which could help farmers, field staff, researchers, policy makers, and donors to promote SRI in the country. Communication materials produced about SRI should be widely disseminated to all stakeholders.

Chapter 1

An Overview of the Sub-Project

CARE Bangladesh, an international NGO, and the Department of Agricultural Extension (DAE) first came to know about the System of Rice Intensification (SRI), and they started trials on this new method in Bangladesh in 1999. Bangladesh Rice Research Institute (BRRI) followed, and then BRAC, the largest NGO of Bangladesh, joined later, when Prof. Norman Uphoff of Cornell University visited the NGO in December 2000. Initial success encouraged the participating institutions to undertake organized and co-ordinated trials and research on SRI. On 14 January 2002, a workshop was hosted by BRAC where Prof. Uphoff, Dr. Noel Magor, senior policy-level representative of BRRI, DAE, BRAC, CARE and other institutions were present. A Steering Committee was formed for organizing a working group of all interested institutions, and to co-ordinate, facilitate and strengthen future SRI programmes in the country. It was also decided to prepare proposals for trials and research on SRI for funding by PETRRA. Finally, three sub-projects were approved for a period covering two *Boro* season trials beginning 2002-2003. The SRI method of rice production and management showed potentiality for enhancing productivity without dependence on purchased high-cost modern inputs, for improving soil fertility and for being environmentally friendly. It was also more cost-effective and profitable, which is especially attractive to resource-poor farmers.

No formal stakeholder analysis was done, but farmers' perceptions were obtained which was favourable. This encouraged practitioners to go for further trials.

To determine the potentiality of SRI in Bangladesh, we have as a baseline the existing methods of rice cultivation. Many reports have been written on research findings concerning both traditional and modern rice production. In Bangladesh, BRAC, Syngenta Bangladesh Ltd., and BRRI all started SRI in the year 2000, while CARE Bangladesh and DAE started already in 1999. These organizations have undertaken SRI trials in different locations, and their results have been encouraging. Although farmer-level trials were positive, however, scientists conducting trials in research plots did not get significant positive results. This gap between researchers' experiments and farmer results prompted further trials and experimentation on SRI. This is how this sub-project relates to previous research in this area.

The objective of the sub-project was to develop an appropriate SRI practice for the resource-poor farmers for enhancing current rice production level in a sustainable manner for improving their livelihood.

The participating organizations included three development organizations: BRAC, CARE/POSD and SAFE, and Syngenta Bangladesh Ltd., a private organization. The sub-project also involved BRRI, DAE and CIIFAD in the action research. There were 401 male farmers and 86 female farmers in the *Boro* season 2002-2003, while the number increased to 684 and 107, respectively, in *Boro* season 2003-2004. Details of the people's participation, especially resource-poor ones, are elaborated in chapters 5 and 6.

The main stages in research were area selection, base line survey for resource-poor farmers selection, farmers field school formation, trial design and set-up, cross-visits, farmer field days, national workshop, trial report preparation and evaluation, and completion of report preparation for PETRRA. A training workshop and refresher were also arranged for sharing the experiences of SRI and overcoming bottlenecks by taking proper measures.

There are eight Upazilas in the study: Begumgonj, Chatkhil, Burichang, Debidwar, Kahalu, Nondigram, Putia and Durgapur, located in four different Districts: Noakhali, Comilla, Bogra and Rajshahi, where SRI cultivation is being practiced. BRAC's research areas were Begumgonj and Chatkhil in Noakhali District, SAFE selected Debidwar and Burichang in Comilla, POSD selected Putia and Durgapur in Rajshahi, and Syngenta selected Kahalu and Nandigram in Bogra as research areas.

The research objectives and activities were the same and unchanged over time, but some research approaches were changed for overcoming the problems experienced in earlier season. For example, community awareness action was undertaken in the *Boro* season 2003-04 which was not done in the earlier season 2002-03. This was done for better water management and thus to reduce irrigation cost.

Funds for the sub-project were provided by PETRA only. However, all the partner organisations provided their existing facilities and staff services as and when required to carry out the activity of the sub-project satisfactorily and in time.

Table 1. Summary of sub-project finances

SI No	Partner Organization	Total Budget (Tk)
1	BRAC	963000
2	SAFE	644000
3	Syngenta Bangladesh Ltd.	644000
4	POSD	644000
	Total	2895000

Chapter 2

Information Sources Used During Evaluation

Different sources of information were used for developing the evaluation report such as baseline information, *Boro* 2003 trials, monitoring reports, and sharing findings of different organizations on SRI in the last *Boro* season 2003. Reports from different workshops and presented papers were used as existing sources of information. International consultant Prof. Norman Uphoff (CIIFAD) was the key person who supplied information from various sources and updates on SRI from different countries like Sri Lanka, China, Laos, Cambodia, Myanmar, Madagascar, Indonesia, Gambia, India, Indonesia, Nepal, Siera Leon, Philippines, and Cuba.

Internal sources of SRI were the monitoring reports, farmers' experiences and feedback, and workshops on SRI. The data collectors were well aware about SRI. So they collected relevant information quite efficiently. These were the strengths of the existing information. The weaknesses in the existing information were inadequate information on water management, change of soil quality and lack of microbiological testing. On these, no useful information from BRRI was found.

Additional information included farmer's rice-provisioning ability (RPA), number of secondary adopters, and livelihood changes of SRI farmers, etc.

All the four partner organizations worked in different locations in Bangladesh to see the location-specific results of SRI. In this connection, the respective organizations collected information from resource-poor farmers through their field staff who were very much familiar with the farmers. In addition, they were closely supervised by the field staff. The researchers analysed the collected data. Principal Investigators (PIs) visited the locations from time to time whenever needed such as cross-visits, training workshops, and farmers' field days. Therefore, resource-poor farmers, field staff, researchers and PIs of the respective projects participated in the collection and analysis of the information.

The whole work was organized by a planning workshop and participatory monitoring exercises and surveys. No external participant was involved in the evaluation

The strength of this process was the involvement of principal investigators, field staff, and resource-poor farmers for developing any kind of planning activity. It was needed to evolve a new method of rice production management to the doorsteps of RPFs of Bangladesh. Our traditional farmers are not familiar with this method. Even the field staff were unaware about this method initially. But they overcame the problems in course of time. The weakness of this process was that the results of the second *Boro* season, 2003-04, are not incorporated in this review.

Chapter 3

Sub project Achievement in Relation to the Logical Framework

3.1 Description of Achievement in Relation to the Logical Framework¹

Purpose	Indicators, as in Logical Framework	Actual output achievement
Appropriate SRI methods are developed for enhancing current rice production level in a sustainable manner for improving the livelihoods of the resource-poor farm households.	Income from rice production of resource-poor farm households in <i>Boro</i> season increased by 10% due to development and adoption of SRI practice at the farmers' level.	SRI plots have 30% increased yield of rice. Therefore, the value of rice of SRI plots is subsequently more. Average income from SRI plots was 14,256 ² Taka per acre, which is 57.82% more than that from farmers' existing practice plots (9,033 Taka).
	Rice yield in <i>Boro</i> season increased on an average of 15% for the targeted resource-poor rice farm families.	The yield of the plots was calculated according to the amount of rice from the 10 sq. m. area from all areas. SRI plots had produced 30% higher yield compared to farmers' existing practice.
	Per unit cost of rice production in <i>Boro</i> season reduced by 10 percent following SRI practice at the EOP	The cost of rice production was found to be 7% less in case of SRI practice
	50% participants of the project command are following SRI practice at the EOP.	A total of 487 farmers did SRI trials in <i>Boro</i> season 2002-2003, and 791 farmers did in <i>Boro</i> season 2003-2004. There were 401 male farmers and 86 female farmers in the <i>Boro</i> season 2002-2003 while it increased 684 and 107, respectively, in <i>Boro</i> season 2003-2004. This was over 62% increase of farmers at EoP.

¹ Data have been provided as per the monitoring report of *Boro* 2003.

² The value of rice was calculated at the rate of 300 Taka per maund.

Purpose	Indicators, as in logical framework	Actual output achievement
	Diversity in food consumption pattern increased due to higher income of the households at the EOP and possibilities for diversification to improve household nutrition and incomes.	One season's data do not permit assessment on diversity of food consumption, which is considered to be a fairly long-run phenomenon
Output 1: <u>Farmers' understanding enhanced.</u> SRI method is tested with different parameters and farmers evaluated its potentiality at own rice fields.	1.1 90% of the target farmers received training on the concept and development of SRI.	70% of the FFS farmers have received training during this 2002-2003 <i>Boro</i> season on SRI concepts. These training sessions have been organized at the FFS level where the field-level staff facilitated the learning topics.
	1.2 At least 80% of the project farmers can explain the key factors of SRI contributing to achieve higher yield.	80% of the FFS farmers (720 farmers in 10 Field schools groups) can explain about SRI as they attended in the result-sharing session as well as Farmers Field Day sessions. Many farmers have expressed their interest for growing rice in SRI method in the upcoming 2003- 2004 <i>Boro</i> season.
	1.3 60% of farmers participated in the evaluation process of SRI and adopted for their own rice fields.	80% farmers attended the cross-visits and result-sharing sessions to physically observe and exchange ideas with the farmers who did SRI trials in their rice field.
	1.4 50% participants reduced pesticide use in their paddy field due to introduction of SRI method.	This was a spectacular achievement due to SRI where 90% farmers did not apply any pesticide, as there was not such pest/ disease infestation in their SRI fields. This happened due to wider spacing of the hills.

Purpose	Indicators, as in logical framework	Actual output achievement
	1.5 30% participants applied combination of both organic and inorganic fertilizer.	It was noticed that 70% farmers applied their available organic manure in addition to chemical fertiliser in the SRI fields, resulting in a 30% increase in rice yield compared to farmers' existing practice. Due to supply shortage, volume applied was inadequate.
Output 2: <u>Location-specific SRI strategy is developed.</u> Farmers developed an appropriate SRI strategy for different AEZs	2. 80% FFS farmers participated in designing and implementation of SRI action research trials in their rice field.	Before implementing SRI trials in the farmers' field, they participated in the trials design process. The average attendance in the 2002-2003 <i>Boro</i> season was 70%. It is expected that in the next 2003-2004 <i>Boro</i> season the % of farmers' participation would increase.
	2.2 30% farmers adopted SRI practice as a means to increase rice yield after the successful evaluation of the field trials.	62% increase in number of farmers adopting SRI during 2003-04 <i>Boro</i> season. There were 401 male farmers and 86 female farmers in the <i>Boro</i> season 2002-2003 while it increased 684 and 107 respectively in <i>Boro</i> season 2003-2004.
Output 3: <u>Information disseminated and network established.</u> The results of SRI action research trials are shared with the concerned research and extension organizations active in rice production programmes.	3.1 Organized two local level seminars/ field days during the <i>Boro</i> season for wider dissemination of the SRI practice.	Seminar and Field Day has been organized in each area during 2002-2003 <i>Boro</i> season. Seminar/ Field Day will be organized in the next 2003-2004 <i>Boro</i> season.
	3.2 The farmers are linked with local DAE, research and other appropriate organizations for receiving necessary assistance.	The Block Supervisors (BSs) and Officers from Upazila Agricultural office participated in the farmers' learning session as well as Farmers Field Day sessions to observe and learn SRI practice. This was encouraging.
	3.3 At least one large workshop/meeting held in each season with the SRI sub-project partners and collaborating organizations.	One national-level workshop on SRI was organised on December 24 with the participation of all the partner organisations, scientists, policy makers and SRI farmers.

Purpose	Indicators, as in logical framework	Actual output achievement
	3.4 Prepared a manual on the SRI methods of rice production management.	A Bangla manual for SRI field workers has been prepared and circulated among different sub-projects and other relevant institutions.
	3.5 Produced a report on the SRI practices and its impact	The <i>Boro</i> 2002-2003 season data were analysed and trial reports has been circulated to all concerned organisation including CIIFAD.
Output 4 <u>SRI activities</u> <u>Coordination:</u> Coordination of SRI trials maintained by BRAC.	4.1 National Steering Committee (NSC) formed.	A national-level SRI Steering Committee was formed, and three meetings have been held with the participation of the committee members.
	4.2 SRI working committee formed with the organizations active in SRI activities.	The SRI working committee has been formed with organizations such as BRAC, CARE, POSD, Syngenta BD. Ltd, BRRI, AAS and DAE participating.
	4.3 Proceedings of the steering and working committee meeting circulated to all concerned organizations.	The proceedings of the each Steering Committee meeting were circulated to all the committee members.

3.2 Greatest achievement areas at output level

Farmer training: A large number of project and non-project farmers have received training on SRI concepts and later on observed the practice of cultivation in the rice field. 90% of the project farmers attended the practical session on SRI cultivation methods. Farmers participated in seedling raising, uprooting, and transplantation of seedlings, weeding, irrigation and other activities of the cultivation method for SRI field.

Farmers' motivation on SRI: The farmers participated in field observation activities to count the number of tillers per hill, colour and height of the rice plant, and insect pest and disease infestation. They also made comparisons with the control method (existing method) of rice cultivation. Finally, the farmers compared the yields of the SRI field and the control field. Farmers found that in case of SRI method, they got remarkably higher yield.

Pesticide use reduction: It was interesting to notice that the farmers who followed SRI practice faced less insect pest and diseases problem. Consequently most of the farmers were not required to apply pesticide. On the other hand, farmers applied pesticides in the existing plots for stem borer control.

Rice seed saving: Those farmers practising SRI have been able to reduce rice seed use for raising seedling by 75%. Farmers find it as a very promising idea to use significantly less rice seed compared to the existing farmers' practice.

3.3 Least achievement areas at output level

Inadequate use of organic manure: Farmers have been facing a serious crisis of organic manure due to conversion of crop residue and cow dung for fuel. Besides this, the number of cattle in the rural areas has been significantly reduced, and power tillers have replaced animal draft power for land ploughing and laddering.

Problem in raising seedling: Farmers could not raise seedling at the earlier stage of the *Boro* season-2004 due to severe cold effect. In some locations, seedling damage restrained many farmers from participation in using tender-aged seedlings for transplantation in the SRI fields.

Poor irrigation management: Farmers are habituated to use flood irrigation during the season, which constrained the use of minimal water in SRI fields. Waterlogged situation in some rice fields created obstacles in attaining adequate tillering.

Lack of understanding about soil aeration: During the first *Boro* season, farmers did not understand the vital purpose of proper weeding, i.,e., to enhance soil aeration, which could substantially accelerate healthy plant growth and increase yield.

3.4 Greatest achievement areas at purpose level

Farmers practicing of SRI at the EOP: The project has worked only two *Boro* seasons with the farmers. In the first season, 25% farmers participated in

experimenting SRI, whereas the other farmers were observers. But the number of farmers significantly increased in the second season, which went up by 62% after seeing the results in the first season. The project also mobilised the farmers in a community approach to facilitate increased participation in SRI practice.

Rice yield: Farmers have been able to substantially increase their rice yield from the SRI trial fields. A total of 487 farmers participated in SRI trials and received on average 30% higher yield in the trial plots compared to the plots of existing practice during 2002-03.

Income level: Farmers have been able to make a substantial increase in net income from the SRI field compared to their existing rice plots. It was found that the SRI farmers received Tk. 14,256 from the SRI field and Tk. 9,033 from the existing rice plots per acre. Data based on one season's result may not be treated as conclusive.

Rice production cost: It was noticed that the SRI farmers applied both organic and chemical fertiliser in their rice field. Farmers were a bit careful in applying the recommended reduced irrigation in their SRI field. Due to less pest and disease problem, 90% farmers did not apply any pesticide in the SRI field. All these factors contributed to lower production cost (by 7%) compared to the normal practice.

Participation of different stakeholders: The organisational participation of NGOs such as, BRAC, CARE/POSD, and SAFE, was very encouraging, including that of a private sector agro-based company – Syngenta Bangladesh Ltd. At the community level, farmers' awareness increased after one season of experimentation. After seeing the results, farmer participation looked quite encouraging as they went for a community approach for SRI practice during the 2003-04 Boro season.

Rice-provisioning ability: Farmers' rice-provisioning ability increased by at least one month for 41 % of male and 50% of female farmers. This has perhaps been possible due to increase in rice yield through practice of SRI method. However, no judgement should be made on this based on one season's trial on very small plots.

National workshop: A national workshop was organised at the end of the first season to share the learning of the different organisations participating in the experimentation with SRI. A special feature of the workshop was the active participation of SRI farmers from different areas of the country. The honourable State Minister for Agriculture and the Executive Chairman, BARC, and Director General, BIRRI, senior officials of DAE, and representatives from various research and development organisations, including PETRRA and some other donor organisations participated in the inaugural session. During the entire part of the workshop, senior-level personnel from many of these organisations participated in presentation, group discussions, and plenary exercises.

3.5 Least achievement areas at purpose level

Linkage to research institutions: Linkage was established with research organisations like BIRRI for doing research on SRI for assisting the practitioners and DAE with required information. However, while some researchers showed keen interest in SRI, it was felt that more BIRRI scientists should come forward to find out

the scientific explanations to the higher yield achieved by SRI. Especially, there is need for soil microbiological studies on effects of SRI practices. Research-extension-farmer linkage should be further increased.

Diversity in food consumption pattern: Any significant change in farmers' food consumption pattern is yet to be observed. Farmers are still experimenting with SRI method in small plots before going into adoption on a large scale. So, the measurement of impact of higher income on food consumption is still premature. Possibly if rice yields can be improved substantially, farmers can diversify their production to include vegetables, pulses and fruits of higher nutritional value.

Chapter 4

Livelihood Changes

4.1 Productivity improvement

Productivity improvement indicates the increase of rice production due to project intervention. Table 2 shows that around 88% farmers increased their rice production due to SRI project intervention; 100% farmers increased their rice yield at Rajshahi in the POSD evaluation.

Table 2. Rice productivity improvement by the evaluated farmers

Particulars	Partner organisation				
	BRAC	POSD	SAFE	Syngenta	Total
No of evaluated farmers	40	50	40	50	180
No of evaluated farmers who achieved rice yield	35	50	33	40	158
Productivity increased by percent of farmers	86	100	83	80	88

Four hundred and eighty seven farmers participated during 2002-03 *Boro* season , while in the second year (2003-04) of the project, a total of 791 farmers participated in the sub-project. During the second season, an additional 237 farmers followed SRI in non-project plots. These farmers observed and shared learning of the project farmers from the last *Boro* season.

Table 3. Primary and secondary adopter of SRI, by organisation

Activities	BRAC		SAFE		POSD		Syngenta	
	2003	2004	2003	2004	2003	2004	2003	2004
Direct SRI farmers	129 (100)	200 (69)	94 (100)	191 (85)	200 (100)	200 (74)	64 (100)	200 (82)
Secondary adopters in the neighbourhoods	-	88 (31)	-	33 (15)	-	71 (26)	-	45 (18)
Total	129	288	94	224	200	271	64	245

Figures in the parentheses indicate percentages

The status of male and female farmers participation is presented below:

Table 4. Farmers' participation in SRI over the years, by organisation

Farmers participation	BRAC		SAFE		POSD		Syngenta	
	2003	2004	2003	2004	2003	2004	2003	2004
Boro season	2003	2004	2003	2004	2003	2004	2003	2004
Male farmer	129 (100)	200 (100)	78 (83)	154 (81)	130 (65)	130 (65)	64 (100)	200 (100)
Female farmer	0	0	16 (17)	37 (19)	70 (35)	70 (35)	0	0
Total	129	200	94	191	200	200	64	200

Figures in parentheses indicate percentages

Table 5. Cost-effectiveness of developed technologies in terms of labour and other inputs

Cost item	SRI Method (Tk/ha)	Farmer's Method (FM) (Tk/ha)	Cost reduction over FM (%)
Land preparation	2776.5	2598.0	-7
Seed	362.5	858.5	58
Fertilizer	3256.5	3377.5	4
Irrigation	4934.5	5016.5	2
Weeding	3600.5	4357.5	17
Labour	5516.0	5658.5	3
Pesticide	543.0	689.0	21
Total	20989.5	22555.5	7

Table 6. Yield (t/ha) status in SRI and farmer's practice, by organisation, Boro 2002-03

Particulars	BRAC	POSD	SAFE	Syngenta
SRI method	8	6.34	7.03	6.1
Farmers existing method	5.9	5.25	5.9	4.7

4.2 Rice-provisioning ability

Rice-provisioning ability means the number of months of the year that a farming household is able to support its rice consumption from its own production.

Table 7. Rice-provisioning ability by male and female farmers, Boro 2002-03

Rice-provisioning Ability (RPA) at the beginning of the project		Number of farmers increased RPA at the end of the project by month and sex								Percentage of farmers who increased RPA by at least one month		
RPA Category (Months)	Number of participating farmers	0		1		2		3 or more				
		M	F	M	F	M	F	M	F	M	F	
< 3	7	1	4	0	3	1	0	0	0	0	38	13
3-5	21	9	12	0	9	8	0	1	0	0	30	30
6-8	125	43	39	14	71	20	12	9	3	0	51	17
> 8	112	22	67	14	25	8	15	0	3	0	32	6
Total:	265	75	132	28	108	37	27	10	6	0	41	50

4.3 Observation on livelihood change

Only one seasons' trial does not really justify any scientific analysis on this. However, farmers' perception was elicited. Some of these are reported below.

Changes in social status: The SRI sub-project farmers of PETRRA project implemented by different organisations were getting better respect in the society because of becoming members of the Farmers Field School (FFS) group. They now hold positions in the FFS such as Chairman or Secretary. They are in a relatively better respectful situation as they got leadership position in the group. The knowledge and skills of the project FFS farmers are comparatively better than the other farmers in the community, and for this reason, other farmers come to them for counselling and visit their fields to observe how they are doing different rice production management. Non-project farmers then applied the learning of the project farmers in their own fields. When the project farmers organise visits and field day session for other farmers, they felt honoured by organising such useful learning events for them. The project women farmers were well respected by the other women in the village. The non-project women farmers come to them to share learning and also getting advice on their problems.

Changes in food security: Regarding the food security of project farmers, they have been able to attain a better production level compared to their traditional rice cultivation practice. The farmers got an opportunity to learn and exercise improved rice production techniques in their fields. The judicious use of fertiliser application, practicing of IPM techniques, and better weed management practices helped them to reduce their production costs by 7%, while on the other hand, their rice production increased by 30.5% in the SRI fields. Rice-provisioning ability increased by one month or more – by 41% and 50% for male and female farmers, respectively.

Changes in income and expenditure pattern: Farmers in the SRI sub-project have received an income of Tk. 35,212 per hectare compared to Tk. 22,311 per hectare with existing practice. Production cost per hectare in the SRI field was Tk 20,990 and Tk 22,556 in the farmers' practice. The production cost in the farmers' standard plots was higher because the use of seed, pesticide and labour was more with farmers' existing practice.

Utilisation pattern of increased income through project intervention: While making evaluation with the farmers, it was informed that they have utilised their additional income for investment in agriculture such as buying improved seed and fertiliser for rice and vegetable fields. Some farmers used part of the income for buying clothes for family members, while others arranged medical treatment for ailing family members.

Changes in coping system in different stress: It was informed by the farmers who participated in the evaluation process that additional production of rice due to this SRI project would support rice-provisioning ability for an additional one or two months. This would help the farmers' family very much to support the crisis period.

Changes in cultivation process: In SRI sub-project, farmers got an opportunity to learn a new way of rice cultivation by understanding the importance of plant potentiality and its environment for healthy and profitable rice production. Farmers realized that if they transplant one or two tender-age seedling(s) per hill with wider spacing, the plants can grow better and produce higher yield. The SRI method of rice seedling use can produce healthier plants. These healthy seedlings with wider spacing can survive better as compared to the existing method where they transplant over 45-day-old seedlings at the rate of five to seven per hill with closer spacing. This situation puts the plant in a stress condition to grow in competitive environment, resulting in poor yield. This permits farmers to use also less agrochemicals.

Access to new facilities or information: During implementing the sub-project, farmers in the FFS, managing committee members, DAE Block Supervisors, and local extension agents of the sub-project have been trained in the SRI method of rice production. Besides this, a SRI Manual has been distributed to the Block Supervisors, FFS and Upazila and District Agricultural Extension office to assist the farmers and the extension agents to provide information to the farmers.

Rice cultivation cost

The cost of rice production is marginally higher for farmers' existing plots due to higher use of fertilizer, irrigation, seed, and pesticides. The production cost on SRI plots was 7% less than that of control plots. Per hectare rice production cost for the farmers' plot was Tk 22,556 compared to the cost on the SRI fields of Tk 20,990.

Chapter 5

Evaluation of Research Findings

5.1 Research findings summary

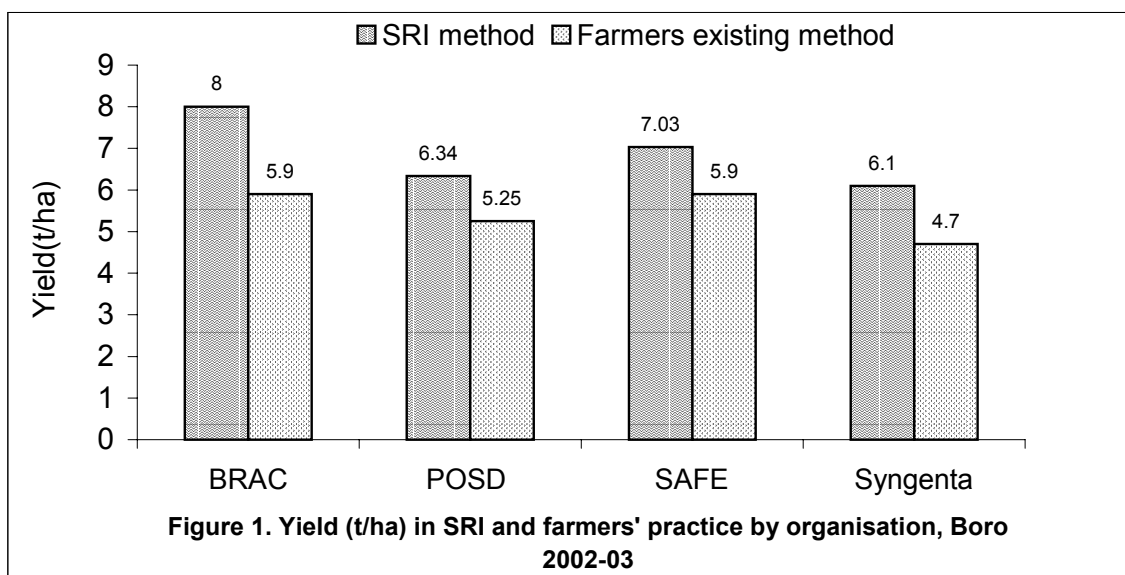
While experimenting on the potential of rice yield with SRI practice, a number of treatments were tested by the farmers. Differences between the results of farmers' practice and SRI practices are given below on the basis of data provided by participating farmers.

Table 8. Research findings and summary, Boro 2002-03

Comparison of treatments tested	Observed difference	Reasons with explanation
Yield: SRI vs. farmers' practice	Per hectare rice yield was found to be 7.5 t/ha in the SRI field and 5.7 t/ha in the farmers' plots.	Number of effective tillers per hill was higher in the SRI plots compared to the farmers' existing practice
Transplantation spacing: SRI vs farmers' practice	The spacing in the SRI plot was 25x25cm and in the farmers' existing practice field it was 15x15cm	Wider spacing requires much less seedlings and facilitates weeding and soil aeration.
Grains per panicle: SRI vs. farmers' practice	SRI plots had 198 grains per panicle and in farmers' practice there were 150 grains	Due to availability of more nutrients, the plants were healthier and produced 32% more grains
1000-grain weight: SRI vs. farmers' practice	13% more weight compared to farmers' plots. Average weight was 27.72 grams in the SRI and 24 grams in the farmers' plot	This difference happened due to larger grain size in the SRI plot compared to farmers' practice.
Unfilled grains: SRI vs. farmers' practice	The SRI plot rice grains had on average 14% unfilled grains whereas farmers' plots had 19% unfilled grains.	There were 36% more unfilled grains in the rice of farmers' plots. SRI plots had more healthy panicle and grains
Tillers: SRI vs. farmers' practice	There were 31 tillers per hill in SRI plots and 16 tillers per hill in farmers' existing plots.	This wide range of variation happened due to transplantation of one or two tender-age seedlings per hill.
Effective tillers per hill: SRI vs. farmers' practice	Average number of effective tillers in SRI plot was 24 per hill and in farmers' plots there were 12 tillers per hill.	More amount of plant nutrient was made available in the field by using organic and chemical fertiliser.
Biomass production: SRI vs. farmers practice	SRI plots produced 12% more biomass than the farmers' plot	It occurred due to more physiological growth of rice plants under SRI

5.2 Assessment of research findings

Average yield of rice (paddy) per hectare in the SRI plots in *Boro* 2003 season was found to be 6.86 tonnes and in the farmers' existing plots it was 5.44 tonnes. Farmers received a 26% yield increase in the SRI plots compared to their existing practice plots.



Farmers' RPA increased by at least one month. In case of the male and female farmers it was 41% and 50%, respectively (Table 7).

Farmers reported that the SRI practice was very successful in bringing a significant increase of rice yield compared to their existing practice of rice cultivation. Farmers followed wider spacing at a distance of 25x25cm in the case of SRI whereas under farmers' existing practice, they followed 15x15cm spacing. The age of seedling in the SRI field was 15-20 days. On the other hand, it was over 45 days in the farmers' practice plots.

Resource-poor farmers emphasised use of single seedling, wider spacing, and transplanting of young seedlings as the key characters of this new method. Farmers considered the importance of organic manure as very essential in the crop field to improve soil fertility for producing healthy plants. Currently, farmers do not have an adequate amount of organic manure available due to crisis of cattle and plant residue, stubbles, etc.

Rice yield was found to have increased in all the sub-project areas of the partners. Farmers received on average 26% higher yield under SRI. It was noticed that average production cost in the SRI plots was slightly less (-7%) but this varied from area to area. Due to use of a lower amount of rice seed, farmers have been able to save some money. On the other hand, labour cost was less during transplantation and weeding of SRI plots compared to the farmers' practice plots.

SRI gave higher effective tillers and yield than under farmers' practice. Spacing, young seedling, transplanting time and other basic requirements were more or less similar among the research projects. Community approach was started in this sub-project in the *Boro* season 2003-2004 which was different from other research projects.

5.3 Acceptability of technology

There were 487 RPF in *Boro* season, 2002-03, and 791 in *Boro* season, 2003-04. So the number of participating farmers increased by 62% in the later season. Total acreage was 41.21 acre in 2003, and 78.88 acre in 2004. So acreage increased by 91% in the *Boro* season 2003-04. DAE field level staff motivated the farmers on SRI practice, and it is expected that with wider dissemination and strengthened research on SRI, it would be widely accepted.

Chapter 6

Participation of Resource-poor Farmers

This chapter addresses the trends of participation of resource-poor farmers (RPF) and adjustments made in selection criteria over time and its assessment.

6.1 Trend of participation of resource-poor farmers over time

Resource-poor farmers were selected from the study areas on the basis of PETRRA's wealth-ranking criteria. Table 9 shows that 80% farmers were resource-poor over the year.

Table 9. Percentage of participating resource-poor farmers, 200-03 and 2003-04

Name of rice season (list from beginning to end of research)	Criteria used to select resource-poor farmers and adjustment made by season	Total number of directly participating farmers		Number of resource-poor farmers based on selected criteria		Percentage of resource-poor farmers	
		M	F	M	F	M	F
Boro - 2003	Wealth ranking and as per PETRRA provided criteria.	401 (37)	86 (45)	320 (37)	68 (44)	80	80
Boro- 2004	Wealth ranking and as per PETRRA provided criteria.	684 (63)	107 (55)	547 (63)	85 (56)	80	80
Total		1085	193	867	153	80	80

Figures in parentheses indicate percentage

6.2 Assessment of the participation of resource-poor farmers

The definition of a resource-poor farmer (RPF) is somewhat flexible and varied from area to area, based on local farmers' own perceptions. Wealth ranking exercises and focus-group discussions were made with the farmers by sub-project personnel to define the RPF based on criteria like income, rice-provisioning ability, land and non-land asset ownership, etc.

In Boro season 2003, 487 resource-poor farmers practiced SRI, while 791 RFPs practiced SRI in *Boro* season 2004.

Researchers shared experiences of SRI with the resource-poor farmers to identify their problems regarding SRI cultivation through different workshops at local level and national level. Farmers' opinions helped the researchers to take remedial measure for the future. For example, community approach was initiated for SRI cultivation in the *Boro* season 2004, which was not done in the earlier season. The farmers also advised researchers on how to transplant young seedlings better to minimise mortality.

SRI is a new method of rice cultivation. This method is especially appropriate for the resource-poor farmers who have small landholdings and little capital but who are enthusiastic to obtain higher production. Here resource-poor farmers are the central players to operate this method. They were the real researchers for this method because it was they who made the management decisions with the help of field workers and principal investigators.

As members of farming families, women participated in different types of work. Women participated mostly in seed-related work. They participated in post-harvest activities like paddy threshing, paddy cleaning, paddy drying, paddy storing, paddy winnowing, and parboiling. They also participated in seedling raising activities like seed preservation, seed soaking for sprouting, seedbed irrigation, and seedling uprooting.

Chapter 7

The Management of Gender Equity and Environmental Impact

7.1 Gender participation

Table 10 shows that male and female staff participated in different planning and development activities of the sub-project like project planning and designing, identification of technology, development of technologies, testing of technologies, and assessment of technologies

Table 10. Participation of Resource-poor Men and Women Farmers in Major Sub-project Activities

Major sub-project activities	2003		2004	
	Male	Female	Male	Female
Project planning and designing	280 (21)	60 (21)	513 (21)	74 (22)
Identification of technologies	265 (19)	56 (20)	480 (20)	67 (20)
Development of technologies	270 (20)	58 (20)	468 (19)	62 (18)
Testing of technologies	276 (20)	55 (19)	486 (20)	68 (20)
Assessment of technologies	278 (20)	56 (20)	476 (20)	71 (21)
Total	1369	285	2423	342

Figures in parentheses indicate percentages

7.2 Assessment of women's participation in the research

Participation of women researchers was more or less limited. Dr. Shantana R Halder from BRAC and Ms Hasna Hena from POSD worked as research team members. There were 86 female farmers who joined for SRI cultivation in the *Boro* season, 2003, while 107 female farmers participated in SRI during *Boro* season, 2004. So women's participation increased by 24 % over time. There was lower involvement of women farmers in the farmer participatory research due to religious restrictions in some locations, namely Noakhali, Comilla and Bogra. But they were indirectly involved in SRI trial activities, mainly in indoor work like rice seed soaking and sprouting and also post-harvest operations. However, women farmers' empowerment is increasing through participation in decision-making processes with the male members.

7.3 Environmental impact

SRI method is environment-friendly due to use of organic manure in soil, lower use of pesticides, irrigation and chemical fertilizer to the soil. Thus, soil health is likely to have improved due to the SRI method. This, however, has not been verified through soil analysis or other methods.

Chapter 8

Capacity Building

8.1 Training, seminar and workshop participants

A detailed list of training programmes, seminars, and workshops and the names, designations, organizations and addresses of the participants, along with the titles of courses, is presented in Annex A.1.

8.2 Assessment of sub-project capacity building

Following activities were accomplished to enhance capacity-building of the stakeholders:

Farmers' training, staff training, farmers' cross-visits, staff cross-visits, cross-visits of BRRl scientists, farmers' field days, and national workshop on SRI were organised.

As per sub-project plan, at the very beginning, a two-day long staff training on SRI orientation and planning for *Boro* season was organized at TARC, Bogra. All staff from the involved partner organizations (SAFE, BRAC, POSD, Syngenta) attended the training. Mr. Gopal Chowhan, Executive Director- SAFE, Mr. Ziaur Rahman, Trial Officer, Syngenta, and Mr. Proloy Barua, Junior Research Associate, Research and Evaluation Division, BRAC, facilitated the sessions. At the end of the session, a plan for the *Boro* season was developed using organization-wise Gantt chart.

At the very beginning of *Boro* season, a day-long farmers' training on SRI orientation and planning for *Boro* season was organized in each of the four sites of the involved partner organizations. In the training sessions, the participants became acquainted with SRI methods of rice production, its benefits, and management aspects for successful implementation. At the end of the training session, the participants developed an action plan for the next *Boro* season.

After getting information on SRI method of rice production through training, other selected farmers were trained in a farmer-to-farmer training process about the SRI method. In this case, farmers who participated in the formal training were playing roles as facilitators to the other non-formal farmers training/learning session conducted at the village level. As a result, all the selected farmers were able to establish experiments in their fields and collected required information through a Agro-Ecological Management Analysis (AEMA) process to compare the simple and measurable differences between SRI method and existing farmers' method of rice production.

During the vegetative growth of rice, several inter-village farmer and staff cross visits within, between FFSs and inter-partner organization visits were organized. Also some senior scientists of different BRRl regional stations visited the farmers' experiment plots and provided their comments regarding performance of the experiments and its future improvement.

It is very interesting and encouraging to note that farmers organized several farmers' field days in each site of all partner organizations to show their creativity and better performance of SRI as compared to existing farmers' practice of rice production. This resulted in effective demonstration and sharing of the methods of SRI. A lot of neighbouring farmers, local elites, local government members, DAE personnel and other people attended these farmers' field days. Different types of cultural events, i.e., *Gombhira*, *Jarigan*, *Chhara*, etc., were used for easy understanding of the SRI method and its performance/benefits.

A staff refresher course and a national workshop on SRI were organized in Comilla and Dhaka, respectively. The former was held before the *Boro* season, 2003-04, and the latter was held late in December 2003.

The following outputs emerged from the contribution of the capacity-building efforts: Involved farmers became well aware about the process and benefit of SRI

- 1) Farmers are able to identify the strengths and limitations of SRI methods in their respective areas,
- 2) Farmers are able to set up comparative studies/experiments,
- 3) Farmers are able to monitor their experiments and collect the required data/information,
- 4) Farmers are able to compare the significant differences between the set up treatments,
- 5) Farmers are able to explain the simple science of SRI management practices,
- 6) Neighbouring non-participating farmers were trained by the participating farmers, and as a result, a reasonable number of community people have already set up experiments on SRI in the second *Boro* season,
- 7) All staff involved in the project are potential resources of the country because they were directly involved in the experimentation of the study and have practical experience in the field.

Contribution of capacity building will be better reflected in the performance of SRI during the second season (*Boro* 2003-04). Unfortunately, this cannot be incorporated in this report.

The effect of training on farmers' livelihood was that the farmers obtained technical know-how about SRI cultivation; they shared knowledge and experiences with the neighbouring farmers and thereby felt an improvement in their social status. One season's data are not enough to reflect the wider impact on changes in livelihood activities. But women could participate in seedling raising in their homestead areas by using tray method. They could also sell SRI seedlings by this process, and they could be employed by themselves to change their livelihood.

Chapter 9

The Organisational Impact of the Research

9.1 Inter-organisational linkage development

Four partner organizations under sub-project 36 02, namely, BRAC, SAFE, POSD and Syngenta Bangladesh Ltd. have been working during this research. Other concerned organizations were working under sub-projects 34 02 (BRRI Comilla) and 35 02 (BRRI Barisal).

Other organizations which have been practicing SRI for rice cultivation include the Department of Agriculture Extension, the Bangladesh Rice Research Institute, and many non-governmental organizations like CARE, PARTNER at Rajshahi, LUSTRE at Natore, Pally Bikash Kendra at Kishoregonj, POPI at Mymensingh, RAC-Bangladesh at Bazitpur, and many other community-based organizations like Janata Club at Pakundia, Kishoregonj; Ashinok Krisok Kollyan Sangathon at Bazitpur, Pananagor Club at Rajshahi, etc. which were involved in identifying the suitability and validity of SRI methods in different agro-ecological regions of Bangladesh.

Close relationships have been established between sub-projects and PETRRA, the sponsor of the sub-projects. The sub-projects have also strengthened their relationship with DAE and BRRI, and other interested organizations. Better interaction was developed between farmers, extension workers and researchers. Relationships also developed internationally, and results are being shared with each other. We also regularly receive information from abroad through the international SRI network.

The senior management of the organizations involved is watching the developments in SRI trials with interest. Some organizations have decided to adopt SRI method for their seed production programmes. Even the DAE has taken up a mandate to replicate SRI for seed production all over the country.

Additional staff has been provided to look after SRI trials, who have been working on SRI and have been working more closely with the farmers than before.

The SRI/PETRRA sub-projects are working with close communication with each other. Sometimes, one particular idea emanates from a partner that is transmitted to other for application. These relates to areas like preparation of seedbed, method of transplantation and water management.

9.2. Changes within the partner(s) organisation

Capacity-building of partner organization personnel has improved in areas like communication material development, participatory rural appraisal, preparation of evaluation reports, etc. Awareness on gender equality has increased for some organizations.

9.3 Use of PETRRA sub-project research findings

Some partner organizations are planning to use research results of SRI to adopt the same in the rice seed production and provisioning of necessary funds and personnel on the same. Some would disseminate the results to their contract growers.

The DAE has taken a very favourable view on SRI and is likely to expand the SRI method throughout the country, especially for seed production.

SRI sub-project monitoring reports have been circulated to the CIIFAD. Prof. Norman Uphoff has been using our results to communicate them to different countries for information of all who have been working on SRI.

The SRI method for rice production has been found to be better but there are some limitations, which are mentioned below:

- a) Poor and marginal farmers did not have enough access to irrigation facilities, which hampered the continuous drying and wetting process.
- b) In some cases, the SRI plot was a small area at a corner within the large control plot with no strong boundary, which also hampered in alternate drying and wetting.
- c) Sometimes the farmers were not able to transplant 10-15 day-old seedlings due to non-availability of timely irrigation water.
- d) Farmers were not habituated to uprooting and transplanting tiny/small seedlings, and hence it took more time the first season and was more costly.
- e) Use of organic manure was rather insignificant.
- f) PETRRA sub-projects only got two Boro seasons (2003 & 2004) to work on SRI. This is too short a time to develop and disseminate SRI among RPFs.

Some recommendations to overcome the above-mentioned limitations:

- a) More farmer participatory action research/experiments on SRI practice need to be conducted in different agro-ecological zones of Bangladesh for refinement and adjustment of SRI principles considering local factors.
- b) Initiation of a community approach to be facilitated which ensures better participation of community people in an irrigation command area to ensure timely availability and better management of irrigation water.
- c) A process is to be initiated to apply enough organic manure for improving soil quality and its sustainability.
- d) A follow-up project is very much required to continue the current SRI research and extension initiative in Bangladesh to improve the livelihoods of the RPF.
- e) Some documents produced by the sub-project which would be useful for field workers and researchers are SRI manual, proceedings of SRI national workshop, SRI trial monitoring report, and farmers' experience sharing report. Other organizations are already seeking help and asking for literature on SRI.

Chapter 10

Documentation and Communication

10.1 Documents and Materials Produced

Documents and materials produced by the sub-project included leaflet, poster, manual, and workshop report.

Table 11. Documents and materials produced by the sub-project

Communication Materials		Target Audience		
Type	Description	Farmers and organizations working with them	Policy makers (donors, decision makers in development, extension and research agencies)	Scientific audiences (in BD and elsewhere)
Leaflet	System of Rice Intensification (SRI) Initiative in Bangladesh, Implemented by: BRRRI Agronomy Div. Gazipur and Uttoran, BRRRI Comilla & AAS,. BRAC, SAFE, POSD and Syngenta Bangladesh, September 2003	√	√	√
Folder	<i>Bangladeshe Es Ar Ai Paddatite Dhan Chash – Daridra Krishaker Dhan Utpadon Briddhir Ek Natun Sambhabona</i> Implemented by: BRRRI Agronomy Div. Gazipur and Uttoran, BRRRI Comilla & AAS,. BRAC, SAFE, POSD and Syngenta Bangladesh, September 2003	√	√	√

Communication Materials		Target Audience		
Type	Description	Farmers and organizations working with them	Policy makers (donors, decision makers in development, extension and research agencies)	Scientific audiences (in BD and elsewhere)
Poster	1. "Trials on the System of Rice Intensification (SRI) in Bangladesh" Implemented by: BRAC, SAFE, POSD, Syngenta. September 2003	√	√	√
	2. "What is SRI" BRAC, SAFE, POSD, Syngenta. September 2003	√	√	√
	3. "SRI activities in different locations in Bangladesh" Implemented by: BRRI, BRAC, SAFE, POSD, Syngenta. September 2003	√	√	√
Manual (For field workers)	"SRI Manual" (Bangla) Implemented by BRAC, SAFE, POSD, Syngenta. November 2003	√		
Workshop Report	1. "SRI Experience and Refresher on Training & Extension System" November 2003	√	√	√
	2. "System of Rice Intensification (SRI): Proceedings of the National Workshop" held in IDB Bhaban, Dhaka on 24 December 2003. Published by Research and Evaluation Division, BRAC, June 2004 (mimeo).	√	√	√

Communication Materials		Target Audience		
Type	Description	Farmers and organizations working with them	Policy makers (donors, decision makers in development, extension and research agencies)	Scientific audiences (in BD and elsewhere)
Annual Report	BRAC: Trial Monitoring Survey Report on Chatkhil and Begumgonj in Noakhali District Muazzam Husain, Proloy Barua, Shantana R Halder, December 2003 SAFE: SRI Trial Monitoring report of Boro 2003 Luther Das, Gopal Chowhan	√	√	√
Evaluation Report	Draft Evaluation Report on Verification and Refinement of System of Rice Intensification (SRI) Project in Selected Areas of Bangladesh By AM Muazzam Husain, Gopal Chowhan, Proloy Barua, A F M Razib Uddin, and ABM Ziaur Rahaman,	√	√	√
Final Evaluation and. Completion Report*	Final Evaluation Report on Verification and Refinement of System of Rice Intensification (SRI) Project in Selected Areas of Bangladesh	√	√	√
Poster	SRI er boisisthya (characteristics of SRI)	√		
SRI manual for farmers	SRI paddatite dhan chaser niom	√		
SRI- sticker	3 slogans (draft submitted)	√		

* Completion report will be submitted

10.2 Assessment of sub-project communications

Three communication categories are a) farmers and organizations working with them, b) policy makers (donors, decision makers in development, extension and research agencies), and c) scientific audience (in Bangladesh and elsewhere). The most successful communication was with the first category and the least with the third category.

Communication with the above three categories were made especially through the SRI national workshop where farmers, researchers, scientists and policy makers and donor representatives were present. Farmers, extension personnel and scientists shared their experiences on SRI on the occasion. However, it appeared that we could not be very much successful in changing the conservative and somewhat negative attitude of some rice scientists, especially those from BRRI.

The most and least successful outcomes: The farmers and extension personnel learned a new thing like system of rice intensification (SRI). They did not have prior knowledge on this, through which rice production could be increased beyond their expectations. It is quite pertinent to the current situation of Bangladesh, which has been suffering from food insecurity. In addition, our rice cultivable land is decreasing at the rate of 1% each year, while population is increasing at 1.47% per year. At this juncture, it is necessary to increase food production by using better our limited land, which could be possible by SRI method. This method is environment-friendly due to lower requirement of seed, chemical inputs, and water as well. It was the most successful product. SRI appeared for the first time to the farmers of Bangladesh. Naturally they faced some problems of understanding about the new method. Agricultural lands in the country are fragmented, and all farmers of adjacent plots do not accept a new method at the same time. Even those who adopted SRI could not follow all its aspects properly. This was the least successful outcome within farmer's category.

PETRRRA arranged different workshops, seminars, and communication fairs, which helped SRI workers in getting together and exchanging views and ideas. Policy makers strengthened the communication process by providing their valuable suggestions. It was the most successful thing for the policy makers. Scientists verified the SRI results with conventional results from different points of views. Each partner organization gained some information about SRI from international scientific audience through Prof. Norman Uphoff, Director, CIIFAD.

Recommendations to PETRRRA: SRI is new in Bangladesh. It is yet to be disseminated throughout the country. So PETRRRA should help extend this method by using these communication materials like reports, leaflets, posters, workshop reports, etc. Any assistance for continuation of these trials and experiments on SRI would also help significantly.

Table 12. Names of some people and organizations for distribution of communication materials

Sl No	Name	Position	Organization
1	Prof. Norman Uphoff	Director	CIIFAD
2	Noel P. Magor	Manager	PETRRRA
3	Dr. Mohiul Haque	DG	BRRRI
4	Partner organizations	PI	BRAC, POSD, SAFE, Syngenta Bangladesh Ltd.
5	Others NGOs working on Agricultural Program	Head	
6	Mr. Abdul Mannan Chashi	Director	HEED
7	Mr. Tariq Hasan	DG	DAE
8	Mr. Wasiuzzman Akanda	Additional Director, Chittagong (now Director, Training)	Department of Agricultural Extension (DAE)
9	Tanay Rema	Agril. Coordinator	World Vision
10	Mr. Mofizur Rahman	TO	CARE Bangladesh
11	Dr. Altaf Hossain	Professor Department of Agronomy	Bangladesh Agricultural University
12	Dr. Hammadur Rahman	Associate Professor Dept of Agricultural Extension	Bangladesh Agricultural University
13	Dr.. M. A. Hamid	Director General	Bangladesh Institute of Nuclear Agriculture
14	Dr. M. A. Ghani	Manager Research and Administration	PETRRRA
15	Dr M. Nurul Alam	Executive Chairman	BARC
16		Director	Mennonite Central Committee (MCC)
17	Mr. Andrew Mondol	Program Director	ADRA Bangladesh
18	Dr. M.A. Hamid Mia IRRI	IRRI Liaison Scientist for Bangladesh	IRRI, Dhaka
19	Dr. Syed Shamsuzzaman	Director	AEES RDRS Bangladesh
20	Dr. Kazi Khaje Alam	Director	Proshika Manobik Unnayan Kendra

Chapter 11

Conclusion and Recommendations

The evaluation report provides evidence that the SRI method of rice production management has great potentialities in Bangladesh in improving productivity and helping better food security for resource-poor farmers. The system is less dependent on costly modern inputs, has a favourable impact on soil quality, and is environmentally friendly. Farmers by and large found positive results during the first season's trial on SRI. Their yields increased on an average by 30%, cost was reduced by 7%, and rice-provisioning ability also improved. They found the method more environment-friendly. A large majority of farmers did not use pesticides.

Based on one season's performance, the second season witnessed an increase in farmer participation, acreage and introduction of a community approach for better water management.

The training sessions and workshops enabled a better understanding of the SRI method, which is expected to further improve the performance during the second season.

All possible assistance and support should be provided for extension of the action – research programme on SRI in Bangladesh since it is showing its potentiality, and at the same time, two seasons' trial results are considered inadequate, especially to determine the impact of the programme in areas like rice-provisioning ability, consumption diversification, livelihood changes, and soil quality and its sustainability.

The farmer-extension-research linkage should be further strengthened. Scientists need to pay more attention to areas like soil microbiological aspects of SRI methods, improving water management, evolving more effective methods of increasing production and supply of organic fertilizers, and more scientific seed bed preparation to facilitate transplantation of young seedlings, among other things. One season's experience is not enough for drawing livelihood change of the resource-poor farmers.

Annexes

Annex A 1. Detailed list of training, seminar and workshop participants by name, designation, organization, address and title of the course

Participants name, designation, organization and mailing address	Type of participants	Sex (M/F)	Title of the training course/ seminar/ workshop	Venue (Institution, country)	Starting date (day/ month/ Year)	Duration (days)
Page 37			Introduction of SRI	POSD	14.12.02	1
Page 38			Experience on SRI of different organization in Bangladesh	POSD	17.12.02	1
Page 39			SRI principles	POSD	19.12.02	1
Page 40			Trial design	POSD	19.12.02	1
Page 41			Monitoring factors	POSD	21.12.02	1
Page 42			Introduction of SRI	POSD	21.12.02	1
Page 43			Experience on SRI of different organization in Bangladesh	POSD	23.12.02	1
Page 44			SRI principles	POSD	24.12.02	1
Page 45			Trial design	POSD	25.12.02	1
Page 46			Introduction of SRI, Experience on SRI of different organization in Bangladesh, SRI,principles Trial design, Monitoring factors, Baseline information, Staff Training on Orientation of SRI activities and planning for Boro season	TARC Bogra	28.12.02	2
Page 46			Monitoring System of SRI	POSD	20.3.03	1
Page 47			Farmers Training on Planning of Boro season activities	POSD	31.12.03	1
Md.Sazzadul Islam, Trial Assistant, Syngenta	Research Assistant	M	SRI experience and Refresher on Training & Extension System	TARC Comilla	16/11/03	2
Md.Anwar Hossain, Trial Assistant, Syngenta	Research Assistant	M	Do	Do	16/11/03	2
ABM Ziaur Rahman, Trial Officer,	Scientist	M	Do	Do	16/11/03	2

Syngenta						
Md. Serajul Islam, RSS, BRAC	Research partner	M	Do	Do	16/11/03	2
Mr. Proloy Barua, Junior Research Associate, BRAC	Research partner	M	Do	Do	16/11/03	2
Md. Asaduzzaman, Program Organiser, BRAC	Office supporting staff	M	Do	Do	16/11/03	2
Md. Khairul Kabir Afrad, Program Organiser, BRAC	Office supporting staff	M	Do	Do	16/11/03	2
Mr. Shashodhar Bormon, FS, POSD-Rajshahi	Research Assistant	M	Do	Do	16/11/03	2
Ms. Hasna Hena, FS POSD-Rajshahi	Research Assistant	F	Do	Do	16/11/03	2
Md. Tariquzzaman, Project Officer, CARE - Rajshahi	Research Assistant	M	Do	Do	16/11/03	2
Kazi Jashimuddin, Community organizer, SAFE- Comilla	Research Assistant	M	Do	Do	16/11/03	2
Md. Billal Hossain Community Organizer, SAFE- Comilla	Research Assistant	M	Do	Do	16/11/03	2
Md. SK. Motaleb, Project Officer, SAFE- Comilla	Research Assistant	M	Do	Do	16/11/03	2
Md. Mofizur Rahman, Technical Officer, CARE -Rajshahi	Scientist	M	Do	Do	16/11/03	2
Prof Muazzam Husain,	Coordinator	M	Do	Do	16/11/03	2

Chairperson, Dept of ESS, BRAC University						
Gopal Chowhan, SAFE	Princip al Investig ator	M	Do	Do	16/11/03	2
Mirza Fakrul Islam Alamgir, MP State Minister, GoB	Chief Guest	M	SRI National Workshop- 2003	IDB Bhaban, Dhaka	24/12/03	1
Ekrumul Alam, EC representative	Scientis t	M	- Do -	- Do -	24/12/03	1
Dr. A R Gomosta Director, ResearchBRRI	Scientis t	M	- Do -	- Do -	24/12/03	1
Dr Shantana R Halder, SRF, BRAC	Scientis t	F	- Do -	- Do -	24/12/03	1
Mr Shamsul Huq	Farmer	M	- Do -	- Do -	24/12/03	1
Deloar	Farmer	M	- Do -	- Do -	24/12/03	1
Foyez	Farmer	M	- Do -	- Do -	24/12/03	1
Abdur Rahman	Farmer	M	- Do -	- Do -	24/12/03	1
Mr. Md Asaduzzaman, PO, BRAC	Resear ch Assista nt	M	- Do -	- Do -	24/12/03	1
Mr SK Moteleb, RO, SAFE	Resear ch Assista nt	M	- Do -	- Do -	24/12/03	1
Ms Monsura Begum	SAFE	F	- Do -	- Do -	24/12/03	1
Mr. Md. Khaerul Kabir, PO, BRAC	Resear ch Assista nt	M	- Do -	- Do -	24/12/03	1
Mr Md Helaluddin	Farmer	M	- Do -	- Do -	24/12/03	1
Mr. Md Mosharraf Hossain ,BS, DAE	Scientis t	M	- Do -	- Do -	24/12/03	1
Mr. Md Rustam Ali	Farmer	M	- Do -	- Do -	24/12/03	1
Mr. Md. Rokonuzzama n POSD	Scientis t	M	- Do -	- Do -	24/12/03	1
Mr. Md Omar	Farmer	M	- Do -	- Do -	24/12/03	1

Ali						
Mr. md. Zahangir POSD	Farmer,	M	- Do -	- Do -	24/12/03	1
Bisnu Das	Farmer	M	- Do -	- Do -	24/12/03	1
Sekander	Farmer	M	- Do -	- Do -	24/12/03	1
Ashutos Mistry BRR	Scientist	M	- Do -	- Do -	24/12/03	1
Mr. Md. Missan HHowlader, GVE	Scientist	M	- Do -	- Do -	24/12/03	1
Dr MA Mazid	BRR	M	- Do -	- Do -	24/12/03	1
Dr MA Gani	IRRI	M	- Do -	- Do -	24/12/03	1
Mr. Md Mofizur Rahman	CARE	M	- Do -	- Do -	24/12/03	1
Ms Anjuman Ara UTTARAN	Scientist	F	- Do -	- Do -	24/12/03	1
Mr. Shahidul Director, UTTARAN	Scientist	M	- Do -	- Do -	24/12/03	1
Mr AFM Razib Uddin Director, POSD	Scientist	M	- Do -	- Do -	24/12/03	1
Mr. Md Liakat Ali Coordinator, TSUS	Scientist	M	- Do -	- Do -	24/12/03	1
Mr. Md Asaduzzaman, World Vission, Bangladesh	Scientist	M	- Do -	- Do -	24/12/03	1
Mr. Proloy Barua JRA, BRAC	Research Assistant	M	- Do -	- Do -	24/12/03	1
Mr. A Mannan Miah BRAC	Office supporting staff	M	- Do -	- Do -	24/12/03	1
Mr Rezwanul Haque APS to state minister	Participant	M	- Do -	- Do -	24/12/03	1
Mr A Gaffar Mia BRAC	Office supporting staff	M	- Do -	- Do -	24/12/03	1
Ms Shaila Arfin Nabi IRRI	Research Partner	F	- Do -	- Do -	24/12/03	1
Mr AKM Shahzahan Siraj, IDE	Scientist	M	- Do -	- Do -	24/12/03	1
Mr Ataul Hoque SAU	Research Assistant	M	- Do -	- Do -	24/12/03	1

	nt					
Dr. NI Bhuiyan DG, BRRl	Scientist	M	- Do -	- Do -	24/12/03	1
Mr. Md Akter Hossain Khan, PSO. BRRl	Scientist	M	- Do -	- Do -	24/12/03	1
Dr. MA Latif, SSO, BRRl Comilla	PI	M	- Do -	- Do -	24/12/03	1
Mr Md Rafiqul Islam SO, BRRl Comilla	Scientist	M	- Do -	- Do -	24/12/03	1
Mr. Md. ABS Sarker SSO, BRRl Barisal	PI	M	- Do -	- Do -	24/12/03	1
Mr Md Sirajul Islam SSO, BRRl	Scientist	M	- Do -	- Do -	24/12/03	1
Mr Md Sohifal Islam Shahin, PO, Syngenta	Research Assistant	M	- Do -	- Do -	24/12/03	1
Mr Ahmed Salahuddin, IRRl-PETRRl	Research Partner	M	- Do -	- Do -	24/12/03	1
Dr. G Jashim U Ahmed, CSO, BRRl	Scientist	M	- Do -	- Do -	24/12/03	1
Mr Md Serajul Islam RSS, BRAC	Research assistant	M	- Do -	- Do -	24/12/03	1
Mr Afroz Khan, AAS	Research assistant	M	- Do -	- Do -	24/12/03	1
Mr Bikesh Ghos, AAS	Farmer	M	- Do -	- Do -	24/12/03	1
Mr AKM Ferdous AAS	Research assistant	M	- Do -	- Do -	24/12/03	1
Mr. Md Khurshed Syngenta	Research assistant	M	- Do -	- Do -	24/12/03	1
Mr Decosta Syngenta	Research assistant	M	- Do -	- Do -	24/12/03	1
Mr Md Sazzadul Islam, Syngenta	Research assistant	M	- Do -	- Do -	24/12/03	1

Mr Md Abdul Kader BRRRI	Research assistant	M	- Do -	- Do -	24/12/03	1
Md Mijanur Rahman CARE	Scientist	M	- Do -	- Do -	24/12/03	1
Mr Md Mofiz Uddin CARE	Scientist	M	- Do -	- Do -	24/12/03	1
Mr Md Abdul Basher CARE	Scientist	M	- Do -	- Do -	24/12/03	1
Mr Md Baher Ali CARE	Scientist	M	- Do -	- Do -	24/12/03	1
Mr Md Zamshed Kabir, CARE	Scientist	M	- Do -	- Do -	24/12/03	1
Ms. Showroni Z Ara CARE	Scientist	F	- Do -	- Do -	24/12/03	1
Mr Masud Khan CARE	Scientist	M	- Do -	- Do -	24/12/03	1
Mr Md Faridul Alam CARE	Scientist	M	- Do -	- Do -	24/12/03	1
Dr Musharraf Hussain, CSO, BRRRI	Scientist	M	- Do -	- Do -	24/12/03	1
Mr Mehdy Hasan, Staff reporter, The Bangladesh Today	Journalist	M	- Do -	- Do -	24/12/03	1
Mr Luther Das, M & E Consultant, SAFE	Scientist	M	- Do -	- Do -	24/12/03	1
Mr Z Abedin, New Nation	Journalist	M	- Do -	- Do -	24/12/03	1
Mr Md Abdul Hasnat DD, DAE	Scientist	M	- Do -	- Do -	24/12/03	1
Mr AKM Enamul Haque, DAE	Scientist	M	- Do -	- Do -	24/12/03	1
Mr Md Wasiuzzaman Akanda, Director, FW, DAE	Scientist	M	- Do -	- Do -	24/12/03	1
Mr Tapan Chowdhury, UAO, Hatazari, DAE	Scientist	M	- Do -	- Do -	24/12/03	1
Mr Indu B Roy	Researcher	M	- Do -	- Do -	24/12/03	1

Training on Introduction of SRI, Address of POSD farmers

Participants name, designation, organization and mailing address	Type of participants	Sex (M/F)
Nourzahan, C/O. Zalal Mondol Vill: Vill: Shaiber Purba Para,, Uni: Jhaluka, Upzila: Durgapur, Dist. Rajshahi	Farmer	F
Abdul Aziz, C/O. Abdul Hamid Vill: Vill: Shaiber Purba Para,, Uni: Jhaluka, Upzila: Durgapur, Dist. Rajshahi	,,	M
Mukul, C/O. Mozid Vill: Vill: Shaiber Purba Para,, Uni: Jhaluka, Upzila: Durgapur, Dist. Rajshahi	,,	M
Ohab Ali, C/O. Shamad Ali Vill: Vill: Shaiber Purba Para,, Uni: Jhaluka, Upzila: Durgapur, Dist. Rajshahi	,,	M
Taslem uddin, C/O. Shazahan Vill: Shaiber Pachim Para Uni: Jhaluka, Upzila: Durgapur, Dist. Rajshahi	,,	M
Hosneara Begum, C/O. kuddus Vill: Shaiber Pachim Para Uni: Jhaluka, Upzila: Durgapur, Dist. Rajshahi	,,	F
Zonab Ali, C/O. Zobbar Ali Vill: Shaiber Pachim Para Uni: Jhaluka, Upzila: Durgapur, Dist. Rajshahi	,,	M
Manik, C/O. Badsha Vill: Shaiber Pachim Para Uni: Jhaluka, Upzila: Durgapur, Dist. Rajshahi	,,	M
Amzed Hassain, C/O. Abdus Samad Vill: Nowda shaiber Uni: Jhaluka, Upzila: Durgapur, Dist. Rajshahi	,,	M
Mozahar Ali, C/O. Tara Vill: Nowda shaiber Uni: Jhaluka, Upzila: Durgapur, Dist. Rajshahi	,,	M
Eman Ali, C/O. Akkal ali Vill: Nowda shaiber Uni: Jhaluka, Upzila: Durgapur, Dist. Rajshahi	,,	M
Shahadat Hossain, C/O. Samsul Hossin Vill: Nowda shaiber Uni: Jhaluka, Upzila: Durgapur, Dist. Rajshahi	,,	M
Most.Shefali Begum, C/O. Allomgir Vill: Chalkdhadush Uni: Belpukur, Upzila: Puthia, Dist. Rajshahi	,,	F
Rahela Begum, C/O. Manik Mia Vill: Chalkdhadush Uni: Belpukur, Upzila: Puthia, Dist. Rajshahi	,,	F
Delwara Begum, C/O. Abdus Samad Vill: Chalkdhadush Uni: Belpukur, Upzila: Puthia, Dist. Rajshahi	,,	F
Kulsum, C/O. Foju Hoque Vill: Chalkdhadush Uni: Belpukur, Upzila: Puthia, Dist. Rajshahi	,,	M
Masud Rana, C/O. Amzad Vill: Satragasa Uni: Belpukur, Upzila: Puthia, Dist. Rajshahi	,,	M
Anowara Begum, C/O. Shajadur Vill: Satragasa Uni: Belpukur, Upzila: Puthia, Dist. Rajshahi	,,	F
Khalatun, C/O. Lal chan Vill: Satragasa Uni: Belpukur, Upzila: Puthia, Dist. Rajshahi	,,	F
Akbar Ali, C/O. Shagor Ali Vill: Borodhadush Uni: Belpukur, Upzila: Puthia, Dist. Rajshahi	,,	M
Haiet Ali, C/O. Munzu Vill: Borodhadush Uni: Belpukur, Upzila: Puthia, Dist. Rajshahi	,,	M
Tofazzal, C/O. Ronzu mia Vill: Borodhadush Uni: Belpukur, Upzila: Puthia, Dist. Rajshahi	,,	M
Hasina Begum, C/O. Talal Vill: Tarash Uni: Belpukur, Upzila: Puthia, Dist. Rajshahi	,,	F

Mehera Begum, C/O. Mannan Vill: Tarash Uni: Belpukur, Upzila: Puthia, Dist. Rajshahi	„	F
Rozob Ali, C/O. Rahman Vill: Vill: Shaiber Purba Para,, Uni: Jhaluka, Upzila: Durgapur, Dist. Rajshahi	„	M
Ashlam, C/O. Foyzulla Vill: Vill: Shaiber Purba Para,, Uni: Jhaluka, Upzila: Durgapur, Dist. Rajshahi	„	M
Ashrafal, C/O. Mokshed Vill: Vill: Shaiber Purba Para,, Uni: Jhaluka, Upzila: Durgapur, Dist. Rajshahi	„	M
Alfaz, C/O. Azahar Ali Vill: Vill: Shaiber Purba Para,, Uni: Jhaluka, Upzila: Durgapur, Dist. Rajshahi	„	M
Zahanggir Alam, C/O. Ather Ali Vill: Satragasa Uni: Belpukur, Upzila: Puthia, Dist. Rajshahi	„	M
Razzak, C/O. Saidur Rahman Vill: Borodhadush Uni: Belpukur, Upzila: Puthia, Dist. Rajshahi	„	M

Training on Experience on SRI of different organization in Bangladesh, POSD

Nourzahan C/O. Zalal Mondol,Vill: Shaiber Purba Para,, Uni: JhalukaUpzila: DurgapurDist. Rajshahi	„	F
Abdul Aziz,C/O. Abdul Hamid,Vill: Shaiber Purba Para, Uni: Jhaluka,Upzila: Durgapur,Dist. Rajshahi	„	M
Renufa Begum,C/O. Alli,Vill: Shaiber Purba Para, Uni: Jhaluka,Upzila: Durgapur,Dist. Rajshahi	„	F
Shobhan Ali,C/O. Meher Ali,Vill: Shaiber Purba Para, Uni: Jhaluka,Upzila: Durgapur,Dist. Rajshahi	„	M
Feroza Begum,C/O. Zomsher,Vill: Shaiber Purba Para, Uni: Jhaluka,Upzila: Durgapur,Dist. Rajshahi	„	F
Mukul,C/O. Mozid,Vill: Shaiber Purba Para,Uni: Jhaluka Upzila: Durgapur,Dist. Rajshahi	„	M
Shariful Islam,C/O. Mojibor,Vill: Shaiber Purba Para, Uni: Jhaluka,Upzila: Durgapur,Dist. Rajshahi	„	M
Ohab Ali,C/O. Shamad Ali,Vill: Shaiber Purba Para, Uni: Jhaluka,Upzila: Durgapur,Dist. Rajshahi	„	M
Abdul Mozid ,C/O. Kazam,Vill: Saiber Purba Para Uni: Jhaluka,Upzila: Durgapur,Dist. Rajshahi	„	M
shaira Khatun ,C/O. Sumsurl,Vill: Saiber Purba Para Uni: Jhaluka,Upzila: Durgapur,Dist. Rajshahi	„	F
Manik Sharke,C/O. Rofiqul ,Vill: Saiber Purba Para Uni: Jhaluka,Upzila: Durgapur,Dist. Rajshahi	„	M
Bodor Uddin,C/O. Bazied Islam,Vill: Saiber Purba Para Uni: Jhaluka,Upzila: Durgapur,Dist. Rajshahi	„	M
Moriom Begum,C/O. Ziaur Rahman,Vill: Saiber Purba Para,Uni: Jhaluka,Upzila: Durgapur,Dist. Rajshahi	„	F
Anarul Islam,C/O. Tobibor ,Vill: Shaiber Purba Para, Uni: Jhaluka,Upzila: Durgapur,Dist. Rajshahi	„	M
Bissad Ali,C/O. Forid Ali,Vill: Shaiber Purba Para, Uni: Jhaluka,Upzila: Durgapur,Dist. Rajshahi	„	M
Rekha Begum ,C/O. Zakir,Vill: Shaiber Purba Para, Uni: Jhaluka,Upzila: Durgapur,Dist. Rajshahi	„	F
Rozob Ali,C/O. Rahman ,Vill: Shaiber Purba Para,Uni: Jhaluka,Upzila: Durgapur,Dist. Rajshahi	„	M
Ashlam ,C/O. Foyzulla,Vill: Shaiber Purba Para,Uni: Jhaluka,Upzila: Durgapur,Dist. Rajshahi	„	M

Ala Uddin, C/O. Nazrul, Vill: Shaiber Purba Para, Uni: Jhaluka, Upazila: Durgapur, Dist. Rajshahi	„	M
Ashrafal, C/O. Mokshed, Vill: Shaiber Purba Para, Uni: Jhaluka, Upazila: Durgapur, Dist. Rajshahi	„	M
Alfaz, C/O. Azahar Ali, Vill: Shaiber Purba Para, Uni: Jhaluka, Upazila: Durgapur,,Dist. Rajshahi	„	M
Enamul Huque, C/O. Nymea, Vill: Shaiber Purba Para, Uni: Jhaluka, Upazila: Durgapur, Dist. Rajshahi	„	M
Mohsin Ali, C/O. Munsur Ali, Vill: Shaiber Purba Para, Uni: Jhaluka, Upazila: Durgapur, Dist. Rajshahi	„	M
Laltu, C/O. Anish, Vill: Shaiber Purba Para, Uni: Jhaluka Upzila: Durgapur, Dist. Rajshahi	„	M
Mofazzal Hossain, C/O. Monir Hossin, Vill: Shaiber Purba Para, Uni: Jhaluka, Upzila: Durgapur, Dist. Rajshahi	„	M

Taining on SRI,principles, POSD

Safiqul Islam, C/O: Nizum, Vill: Shaiber,Pachim Para, Uni: Jhaluka,Upzila: urgapur, Rajshahi	„	M
Taslem uddin, C/O: Shazahan, Vill: Shaiber, Pachim Para, Uni: Jhaluka, Upazila: Durgapur, Rajshahi	„	M
Abdul Motin, C/O Nazem, Vill: Shaiber, Pachim Para, Uni: Jhaluka, Upazila: Durgapur, Rajshahi	„	M
Hosneara Begum, C/O: kuddus, Vill: Shaiber Pachim Para, Uni: Jhaluka, Upazila: Durgapur, Rajshahi	„	F
Zonab Ali, C/O: Zobbar Ali, Vill: Shaiber, Pachim Para, Uni: Jhaluka, Upazila: Durgapur, Rajshahi	„	M
Shamoli, C/O: Monali, Vill: Shaiber Pachim Para, Uni: Jhaluka, Upazila: Durgapur, Rajshahi	„	F
Ashrab Ali, C/O: Thear Ali, Vill: Shaiber, Pachim Para, Uni: Jhaluka, Upazila: urgapur, Rajshahi	„	M
Manik, C/O: Badsha, Vill: Shaiber Pachim Para Uni: Jhaluka, Upazila: Durgapur, Rajshahi	„	M
Ohab Ali, C/O Zoynal Ali Vill: Shaiber pachim Para Uni: Jhaluka, Upazila: Durgapur, Rajshahi	„	M
Shirina Begum, C/O: Abdur Rahman, Vill: Shaiber pachim Para, Uni: Jhaluka, Upazila: Durgapur, Rajshahi	„	F
Shamim, C/O: Saydur, Vill: Shaiber pachim Para, Uni: Jhaluka, Upazila: Durgapur, Rajshahi	„	M
Abul Kashid, C/O: Akmol, Vill: Shaiber pachim Para, Uni: Jhaluka, Upazila: Durgapur, Rajshahi	„	M
Abdur Rashid, C/O: Alauddin, Vill: Shaiber pachim Para, Uni: Jhaluka, Upazila: Durgapur, Rajshahi	„	M
Praymla Begum, C/O: Zaber Ali,Vill: Shaiber pachim Para, Uni: Jhaluka,Upzila: Durgapur, Rajshahi	„	F
Akram Ali, C/O: Nymuddin, ill: Shaiber pachim Para, Uni: Jhaluka, Upazila: Durgapur, Rajshahi	„	M
Abdullah, C/O: Shahin, Vill: Shaiber pachim Para, Uni: Jhaluka, Upazila: Durgapur, Rajshahi	„	M
Anowar Hossain, C/O: Mannan Sarker, Vill: Shaiber Pachim Para, Uni: Jhaluka, Upazila: Durgapur,Rajshahi	„	M

Mozam Ali, C/O: Asser Uddin, Vill: Shaiber Pachim Para Uni: Jhaluka, Upazila: Durgapur, Rajshahi	„	M
Fultum, C/O: Abbas, Vill: Shaiber Pachim Para Uni: Jhaluka, Upazila: Durgapur, Rajshahi	„	F
Abdus Samad, C/O: Mokbul Hossin, Vill: Shaiber Pachim Para Uni: Jhaluka, Upazila: Durgapur, Rajshahi	„	M
Zahanger Alam, C/O: Kalachan, Vill: Shaiber Pachim Para, Uni: Jhaluka, Upazila: Durgapur, Rajshahi	„	M
Mokbul Hossin, C/O Rashid, Vill: Shaiber Pachim Para, Uni: Jhaluka, Upazila: Durgapur, Rajshahi	„	M
Rozina Begum, C/O: Tala Mamud, Vill: Shaiber Pachim Para, Uni: Jhaluka, Upazila: Durgapur, Rajshahi	„	F
Hobibar, Upazila: Durgapur, Rajshahi	„	M
Ala Uddin, C/O Nazrul, Vill: Shaiber Pachim Para, Uni: Jhaluka, Upazila: Durgapur, Rajshahi	„	M

Taining on Trial design, POSD

Haresh Ali, C/O Saber Ali, Vill Zoshopara Uni: Jhaluka, Upazila: Durgapur, Rajshahi	„	M
Omed Ali, C/O Hannan, Vill: Zoshopara Uni: Jhaluka, Upazila: Durgapur, Rajshahi	„	M
Shaheb Ali, C/O Mozid Ali, Vill: Zoshopara Uni: Jhaluka, Upzila: Durgapur, Rajshahi	„	M
Ashrab ali, C/O Hafiz ali, Vill: Zoshopara Uni: Jhaluka, Upzila: Durgapur, Rajshahi	„	M
Hafiza khatun, C/O Tayzul, Vill: Zoshopara Uni: Jhaluka, Upzila: Durgapur, Rajshahi	„	F
Abduur Rashid, C/O Zoshim, Vill: Zoshopara Uni: Jhaluka, Upzila: Durgapur, Rajshahi	„	M
Asir Uddin, C/O Kybor, Vill: Zoshopara Uni: Jhaluka, Upzila: Durgapur, Rajshahi	„	M
Sharifa Uddin, C/O Sofiqul Islam, Uni: Jhaluka, Upzila: Durgapur, Rajshahi	„	M
Ashrab Ali, C/O Mokles Ali, Vill: Zoshopara Uni: Jhaluka, Upzila: Durgapur, Rajshahi	„	M
Mozibar Rahman, C/O Sosul, Vill: Zoshopara Uni: Jhaluka, Upzila: Durgapur, Rajshahi	„	M
Rashida Begum, C/O Nader, Vill: Zoshopara Uni: Jhaluka, Upzila: Durgapur, Rajshahi	„	F
Siddikur Rahman, C/O Forid Uddin, Vill: Zoshopara, Uni: Jhaluka, Upzila: Durgapur, Rajshahi	„	M
Mohsin Ali, Taylal, Vill: Zoshopara, Uni: Jhaluka, Upzila: Durgapur, Rajshahi	„	M
Mozam, C/O Simul, Vill: Zoshopara, Uni: Jhaluka, Upzila: Durgapur, Rajshahi	„	M
Shahabur, C/O Zalal, Vill: Zoshopara Uni: Jhaluka, Upzila: Durgapur, Rajshahi	„	M
Shahina Begum, C/O Fokrul, Vill: Zoshopara Uni: Jhaluka, Upzila: Durgapur, Rajshahi	„	F
Eakram Ali, C/O Rofiqul, Vill: Zoshopara, Uni: Jhaluka, Upzila: Durgapur, Rajshahi	„	M

Zehar Ali,C/O Faruq ,Vill:Zoshopara, Uni: Jhaluka,Upzila: Durgapur,Rajshahi		M
Latifa Begum,C/O Roshidul,Vill:Zoshopara Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	F
Nurulhuda,C/O Muktar, Vill:Zoshopara Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M
Rashiba Begum,C/O Samand,Vill:Zoshopara Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	F
Mosieur Rahman,C/O Gorur Badsha,Vill:Zoshopara, Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M
Paruin Akther,C/O Mofazzal,Vill:Zoshopara Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	F
Mohsin Ali,C/O Ther Ali, Vill:Zoshopara Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M
Shahazahan Ali,C/O Giash ,Vill:Zoshopara Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M

Training on Monitoring factors, POSD

Amzed Hassain,C/O Abdus Samad,Vill:Nowda shaiber, Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M
Haider Ali,C/O Jomser,Vill:Nowda shaiber Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M
Mozahar Ali,C/O Tara ,Vill:Nowda shaiber Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M
Shamira Begum,C/O Nur uddin,Vill:Nowda shaiber, Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	F
Eman Ali,C/O Akkal ali,Vill:Nowda shaiber Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M
Islam,C/O Sober C/O Hossin,Vill:Nowda shaiber, Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M
Shahadat Hossain ,C/O Samsul HossinVill:Nowda shaiber, Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M
Joynal Abedin,C/O Sontous, Vill:Nowda shaiber, Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M
Maleka Begum,C/O Mojnu, Vill:Nowda shaiber, Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	F
Golenoor Begum,C/O Rabbani,Vill:Nowda shaiber, Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	F
Harsan Ali,C/O Golam Kader, Vill:Nowda shaiber, Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M
Muslim Begum,C/O Nanna, Vill:Nowda shaiber Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	F
Golum Mostafa,C/O Nasim Ali, Vill:Nowda shaiber, Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M
Shamez Ali ,C/O Dulal ,Vill:Nowda shaiber Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M
Sorowar Hossain,C/O Hannan,Vill:Nowda shaiber, Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M
Eomuddin,C/O Bulu ,Vill:Nowda shaiber Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M
Mastafa ,C/O Sohida ,Vill:Nowda shaiber, Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M

Rahima Begum,C/O Mokles Rahman, Vill:Nowda shaiber, Uni: Jhaluka,Upzila: Durgapur, Rajshahi	„	F
Hossain Ali,C/O Thaer Alli, Vill:Nowda shaiber Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M
Shakima Begum,C/O Sabbir Hossin,Vill:Nowda shaiber, Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	F
Noor Zahan Begum,C/O Sobus ,Vill:Nowda shaiber, Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	F
Alaton Begum ,C/O Lalu Mia, Vill:Nowda shaiber, Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	F
Omor Ali,C/O Emran Ali,Vill:Nowda shaiber Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M
Sumtul Haque,C/O Affaz, Vill:Nowda shaiber Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M
Giash Uddin ,C/O Babor ,Vill:Nowda shaiber Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M

Training on Introduction of SRI, POSD

Most.Shefali Begum,C/O Allomgir, Vill:Chalkdhadush,Uni: Belpukur,Upzila: Puthia,Rajshahi	„	F
Nadir Ali ,C/O Than ali,Vill:Chalkdhadush,Uni: Belpukur,Upzila: Puthia,Rajshahi	„	M
Rahela Begum ,C/O Manik Mia, Vill:Chalkdhadush,Uni: Belpukur,Upzila: Puthia,Rajshahi	„	F
Delwara Begum,C/O Abdus Samad,Vill:Chalkdhadush,Uni: Belpukur,Upzila: Puthia,Rajshahi	„	F
Kulsum , Hoque,Vill:Chalkdhadush,Uni: Belpukur,Upzila: Puthia,Rajshahi	„	F
shabana ,C/O Nur Ali,Vill:Chalkdhadush,Uni: Belpukur,Upzila: Puthia,Rajshahi	„	F
Shampa ,C/O Nannu ,Vill:Chalkdhadush,Uni: Belpukur,Upzila: Puthia,Rajshahi	„	F
Mostafa ali ,C/O Bokkor Ali,Vill:Chalkdhadush,Uni: Belpukur,Upzila: Puthia,Rajshahi	„	M
Mozid ,C/O Zahidul,Vill:Chalkdhadush,Uni: Belpukur,Upzila: Puthia,Rajshahi	„	M
Arman Ali,C/O lamgir,Vill:Chalkdhadush,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Latifa Begum,C/O Rayhan ,Vill:Chalkdhadush,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Nehar Banu,C/O Mozibor ,Vill:Chalkdhadush Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Hosney Ara,C/O Smsul ,Vill:Chalkdhadush Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Nargish Begum,C/O Hurmot ,Vill:Chalkdhadush,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Altab Hassain,C/O Tipu Hossin,Vill:Chalkdhadush,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Rowtion Ara ,C/O Abdul Kader ,Vill:Chalkdhadush,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Munjur Ali,C/O Thaje Uddin,Vill:Chalkdhadush,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M

Shema Begum,C/O Samber,Vill:Chalkdhadush,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Zamvien Begum,C/O ,Vuttu,Vill:Chalkdhadush,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Nargish ,C/O Affal uddin,Vill:Chalkdhadush Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Saidur ,C/O Samim ,Vill:Chalkdhadush Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Howa ,C/O Sabbir ,Vill:Chalkdhadush,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Rezaul,C/O Tarick ,Vill:Chalkdhadush Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Arman ,C/O Golam Mia,Vill:Chalkdhadush Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Mannan,C/O Osman ,Vill:ChalkdhadushUni : Belpukur,Upzila: Puthia,Rajshahi	„	M

Training on Experience on SRI of different organization in Bangladesh, POSD

Anowara Begum ,C/O Shajadur,Vill:Satragasa Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Masud Rana ,C/O Amzad ,Vill:Satragasa Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Jashim uddin ,C/O Naymoddin,Vill:Satragasa Uni : Belpukur,Upzila: Puthia,Rajshahi,	„	M
Khalatun ,C/O Lal chan,Vill:Satragasa,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Laltun ,C/O Badsha,Vill:Satragasa,Uni : Belpukur,Upzila: Puthia,,Rajshahi,	„	M
Abul Khaher,C/O Akmul,Vill:Satragasa,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Mukbul Hossain,C/O ,Kamruzzaman,Vill:Satragasa,Uni : Belpukur Upzila: Puthia,Rajshahi	„	M
Zahanggir Alam,C/O Ather Ali,Vill:Satragasa Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Naim Uddin,C/O Jashim Uddin,Vill:Satragasa Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Eddrish Ali,C/O Razzak Ali,Vill:Satragasa Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Zamal Uddin,C/O Batern,Vill:Satragasa Uni : Belpukur,Upzila: Puthia,Rajshahi,	„	M
Aftab Uddin,C/O Firej Ali,Vill:SatragasaUni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Mabiea ,C/O Palas ,Vill:Satragasa,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Sabina ,C/O Sumsul Haque,Vill:Satragasa Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Anggura ,C/O Shahed Ali,Vill:Satragasa,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Sheuli,C/O Ohab ali,Vill:Satragasa,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Showagi,C/O Moklis ,Vill:Satragasa,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F

Panna,C/O Fokir Maker,Vill:Satragasa,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Rahima ,C/O AlalUddin,Vill:Satragasa,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Saed Ali,C/O Sabbier,Vill:Satragasa,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Sumsu.Joha,C/O Dalwur ,Vill:Satragasa,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Srowar,C/O Salim Hossin,Vill:Satragasa Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Masud ,C/O Shaidur ,Vill:Satragasa,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Amir ,C/O Firoz ,Vill:Satragasa,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Kahinoor,C/O Thaer Ali,Vill:Satragasa,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F

Training on SRI principles, POSD

Akbar Ali ,C/O Shagor Ali,Vill: Borodhadush Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Anggura Begum ,C/O Balal Sarker,Vill: Borodhadush,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Haiet Ali ,C/O Munzu,Vill: Borodhadush Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Tofazzal,C/O Ronzu mia,Vill: Borodhadush Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Afaz Uddin,C/O Tara Mia,Vill: Borodhadush Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Ohaet box,C/O Abdus Subhan,Vill: Borodhadush,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Razzak,C/O Saidur Rahman,Vill: Borodhadush,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Babar Ali,C/O Munzur AliVill: Borodhadush Uni : Belpukur,Upzila: Puthia,,Rajshahi	„	M
Elios Iddin,C/O Theran ,Vill: Borodhadush,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Peara Bibe,C/O Gama ,Vill: Borodhadush,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Amaton,C/O Alauddin,Vill: Borodhadush,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Mozaher Ali,C/O Afsar Ali,Vill: Borodhadush Uni : BelpukurUpzila: Puthia,Rajshahi	„	M
Rabea Begum,C/O Mofijur ,Vill: Borodhadush Uni : Belpukur,Upzila: PuthiaRajshahi	„	F
Rajob,C/O Mozamall,Vill: Borodhadush,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Jahura ,C/O Nokib ,Vill: Borodhadush,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Selim,C/O Therar ,Vill: Borodhadush,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Rabeya ,C/O Safikul ,Vill: Borodhadush Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F

Shabana,Badsha,Vill: Borodhadush Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Islam,C/O Babu ,Vill: Borodhadush,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Zaheda Begum,C/O shadot ,Vill: Borodhadush Uni : Belpukur,,Upzila: Puthia,Rajshahi	„	F
Mozina,C/O Roffiq,Vill: Borodhadush,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Shafiqul ,C/O Mohammad,Vill: Borodhadush Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Munjura ,C/O Abbas,Vill: Borodhadush,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Arzina ,C/O Azibor ,Vill: Borodhadush,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Nazrul ,C/O Imram Ali,Vill: Borodhadush,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M

Training on Trail Design, POSD

Hasina Begum,C/O Talal,,Vill: Tarash Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Mehera Begum,C/O Mannan,Vill: Tarash,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Shamema Begum,C/O Saidul Haque,Vill: Tarash,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Uhoda box,C/O Paran ,Vill: Tarash,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Rojob Ali,C/O Mehadi,Vill: Tarash,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Jahena, C/O Nozrul Islam,Vill: Tarash,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Ruma,C/O Shamim ,Vill: Tarash,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Tohra,C/O Palas,Vill: Tarash,Uni : Belpukur Upzila: Puthia,Rajshahi	„	F
Amenjun,C/O Talal Uddin,Vill: Tarash Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Nehaebanu,C/O Jomsher,Vill: Tarash,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Oliuddin,C/O Abdul Haque,Vill: Tarash Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Rubel ,C/O Sumsul ,Vill: Tarash,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Mamun,C/O Robiul Islam,Vill: Tarash Uni : BelpukurUpzila: Puthia,Rajshahi	„	M
Delwar,C/O Saidur Rahman,Vill: Tarash Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Badiuzzaman,C/O Sakout Hossin,Vill: Tarash Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Liton,C/O Rafiqul ,Vill: Tarash,Uni : Belpukur,,Upzila: Puthia,Rajshahi	„	M
Mahatub ,C/O Rahmand ,Vill: Tarash Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M

Ali Hassain,C/O Faruqe ,Vill: Tarash,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Nowshad Ali,C/O Mahmud,Vill: Tarash Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Samad,,C/O Amzeed,,Vill: Tarash,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M
Shayeda Bogum,C/O Momin ,Vill: Tarash Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Selina begum,C/O Mofis Uddin,Vill: Tarash Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Jahanara ,C/O Saber Ali,Vill: Tarash,Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Renu Begum,C/O Thear uddin Vill: Tarash Uni : Belpukur,Upzila: Puthia,Rajshahi	„	F
Afzal Haque ,C/O Akmul Hossin,Vill: Tarash Uni : Belpukur,Upzila: Puthia,Rajshahi	„	M

Training on Introduction of SRI ...Boro season, TARC Bogra

Hasna Hena, POSD,Miapara, Rajshahi.	Staff	F
Sasodhar Barmon, POSD, Miapara, Rajshahi	Staff	F
Rokonuzzaman, POSD,Miapara, Rajshahi	Staff	M

Training on Monitoring System of SRI, POSD

Sofiqul Islam,C/O:Aznobi,Vill:Shaiber Pachim Para, Uni: JhalukaUpzila: DurgapurDist. Rajshahi	Farmers	M
Monik,C/O:Khobir, Vill:Shaiber Pachim Para, Uni: JhalukaUpzila: Durgapur,Dist: Rajshahi	„	M
Hosneara ,C/O:Mohoshin, Vill:Shaiber Pachim Para, Uni: Jhaluka,Upzila: Durgapur,Dist:Rajshahi.	„	F
Azize,C/O:Hamid, Vill:Shaiber Purba Para, Uni: JhalukaUpzila: Durgapur,Dist:Rajshahi.	„	M
Shirina,C/O:Rofiqul Islam, Vill:Shaiber Purba Para, Uni: JhalukaUpzila: Durgapur,Dist:Rajshahi	„	F
Aslam,C/O:NurulVill:Shaiber Purba Para, Uni: JhalukaUpzila: Durgapur,Dist:Rajshahi	„	M
Omor Ali,C/O:Akbor AliVill:Nowdashaiber, Uni: JhalukaUpzila: Durgapur,Dist:Rajshahi	„	M
Hossan C/O:KhodaboxVill:Nowdashaiber, Uni: JhalukaUpzila: Durgapur,Dist:Rajshahi	„	M
Moshiour,C/O:Osrot Mollah,Vill:Nowdashaiber, Uni: JhalukaUpzila: Durgapur,Dist:Rajshahi	„	M
Asir UddinC/O:Affaz Uddin,Vill:Zosoparo, Uni: JhalukaUpzila: Durgapur,Dist:Rajshahi	„	M
Babor Ali,C/O:Zeher ,Vill:Zosoparo, Uni: JhalukaUpzila: Durgapur,Dist:Rajshahi	„	M
Roshid ,C/O:Somser Ali,Vill:Zosoparo, Uni: JhalukaUpzila: Durgapur,Dist:Rajshahi	„	M
Rahela,C/O:Haidar AliVill:Chalkdhadus,Uni:Belpukur,Upzila:Puthia,Dist: Rajshahi	„	F
Nader Ali,C/O:KaderVill:Chalkdhadus,Uni:Belpukur,Upzila:Puthia,Dist: Rajshahi	„	M

Hosnera ,C/O:Haserali,Vill:Chalkdhadus,Uni:Belpukur,Upzila:Puthia,Dist: Rajshahi	„	F
Mokbul Hossin,C/O:Nowshad Vill:Satragasa, Uni:Belpukur,Upzila:Puthia,Dist: Rajshahi	„	M
Joha,C/O:Hossin Ali,Vill:Satragasa, Uni:Belpukur,Upzila:Puthia,Dist: Rajshahi	„	M
Mohtob AliC/O:Nur Mohmod Vill:Satragasa, Uni:Belpukur,Upzila:Puthia,Dist: Rajshahi	„	M
Moinul ,C/O:Mozibur,Vill:Tarash, Uni:Belpukur,Upzila:Puthia,Dist: Rajshahi	„	M
Nur Islam,C/O:Ladusha,Vill:Tarash, Uni:Belpukur,Upzila:Puthia,Dist: Rajshahi	„	M
Toffazol,C/O:Iliues,Vill:Borodhadush, Uni:Belpukur,Upzila:Puthia,Dist: Rajshahi	„	M

Training on Farmers' Training on Planning of Boro season activities, POSD

Mohshin Ali,C/O:Enser Ali,Vill: Shaiber pachim Para, Uni: Jhaluka,Upzila: Durgapur,Rajshahi .	„	M
Sorowar,C/O:Nasir uddin,Vill: Shaiber pachim Para, Uni: Jhaluka,Upzila: Durgapur,Rajshahi .	„	M
Abdullah,C/O:Sukur Uddin,Vill: Shaiber pachim Para, Uni: Jhaluka,Upzila: Durgapur,Rajshahi .	„	M
Rohidul Islam,C/O:Akkas AliVill: Shaiber pachim Para, Uni: Jhaluka,Upzila: Durgapur,Rajshahi .	„	M
Sofiqul Islam,C/O:AjnobiVill: Shaiber pachim Para, Uni: Jhaluka,Upzila: Durgapur,Rajshahi .	„	M
Soriful Islam,C/O:Rostom Ali Vill: Shaiber purba Para Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M
Manik,C/O:Mintu SarkerVill: Shaiber purba Para Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M
Sobhan,C/O:Dumon Mondol,Vill: Shaiber purba Para Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	F
Mozaffor ,C/O:Mozher Ali,Vill: Nowda shaiber ,Uni: Jhaluka,Upzila: Durgapur,Rajshahi.	„	M
Arob AliC/O:Mozid,Vill: Nowda shaiber ,Uni: Jhaluka,Upzila: Durgapur,Rajshahi.	„	M
Halal Uddin,C/O:Sukur Uddin Vill: Nowda shaiber ,Uni: Jhaluka,Upzila: Durgapur,Rajshahi.	„	M
Amzed Hossin,C/O:Essar Monddol Vill: Nowda shaiber ,Uni: Jhaluka,Upzila: Durgapur,Rajshahi.	„	M
Haider Ali,C/O:Nur Ali,Vill: Nowda shaiber ,Uni: Jhaluka,Upzila: Durgapur,Rajshahi.	„	M
Eman AliC/O:Khoda Box Vill: Nowda shaiber ,Uni: Jhaluka,Upzila: Durgapur,Rajshahi.	„	M
Mohabub C/O:Kuddus,Vill: Jasopara ,Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M
Babor Ali,C/O:Jehear Ali,Vill: Jasopara ,Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M
Siddik, C/O:Affaz ,Vill: Jasopara ,Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M
Shaheb Ali,C/O:Affer Uddin,Vill: Jasopara ,Uni: Jhaluka,Upzila: Durgapur,Rajshahi	„	M

Zahangir ,Alom,C/O:Samsul,Vill:satragasa ,Uni:Belpukur,Upzila:Puthia,Dist: Rajshahi	,,	M
Mannan,C/O:Abul,Vill:satragasa ,Uni:Belpukur,Upzila:Puthia,Dist: Rajshahi	,,	M
Firoz ,C/O:Mozibor,Vill:satragasa ,Uni:Belpukur,Upzila:Puthia,Dist: Rajshahi	,,	M
Zalal,C/O:Domon Sha,Vill:satragasa ,Uni:Belpukur,Upzila:Puthia,Dist: Rajshahi	,,	M
Toffazol Hossin,C/O:Nobir Vill:Bordhadus,,Uni:Belpukur,Upzila:Puthia,Dist: Rajshahi	,,	M
Kurban,C/O:Mozid,Vill:Bordhadus ,Uni:Belpukur,Upzila:Puthia,Dist: Rajshahi	,,	M
Zana Alom,C/O:Sana Alom Vill:Bordhadus ,Uni:Belpukur,Upzila:Puthia,Dist: Rajshahi	,,	M
Mainul ,C/O:Thear,Vill: Tarash Uni : Belpukur,Upzila: Puthia,Rajshahi Tarash	,,	M
Erfan ,C/O:Mokbul ,Vill: Tarash Uni : Belpukur,Upzila: Puthia,Rajshahi	,,	M
Masud,C/O:Nozrul,Vill: Tarash Uni : Belpukur,Upzila: Puthia,Rajshahi,	,,	M
Ansar ,ali,C/O:Moborak,Vill:Chalkdhadush, Uni : Belpukur,Upzila: Puthia,Rajshahi	,,	M
Hasan Ali ,C/O:Haran mondol, Uni : Belpukur,Upzila: Puthia,Rajshahi	,,	M
Nader Ali,C/O:Kader ,,, Uni : Belpukur,Upzila: Puthia,Rajshahi	,,	M
Mustofa,C/O:Bakkar Ali, Uni : Belpukur,Upzila: Puthia,Rajshahi	,,	M

Annex A2. List of Directly Participating Farmers in the Research Project by Name, Father's Name, Village, Union, Upazila, District and Rice-provisioning Ability at the Beginning and End of the Project.

Sl No	Name of farmers	Father's name	Village	Union	Upazila	Dist	Rice-provisioning ability (month)	
							Beginning	End
1	Fazlul Huq	Abdul Malek	Aklaspur	Aklaspur	Begumgong	Noakhali	8	11
2	Nurul Huq	Md Malek	- Do -	- Do -	- Do -	- Do -	12	14
3	Abu Kalam	Md Anaulah	- Do -	- Do -	- Do -	- Do -	2	2.5
4	Shahidullah	Md Akramullah	- Do -	- Do -	- Do -	- Do -	12	13
5	Ismail	Hasmat Ullah	- Do -	- Do -	- Do -	- Do -	12	14
6	Taslim Uddin	Md Idris	- Do -	- Do -	- Do -	- Do -	6	7
7	Julfikar	Abdur Rauph	- Do -	- Do -	- Do -	- Do -	12	13
8	Shohag	Raju Mia	- Do -	- Do -	- Do -	- Do -	8	9
9	Main Uddin	Chana Ullah	- Do -	- Do -	- Do -	- Do -	12	13
10	Shohag	Zayar	- Do -	- Do -	- Do -	- Do -	5	6
11	Nuru Zaman	Hazi Borhan	- Do -	- Do -	- Do -	- Do -	12	13
12	Hasan	Ruhul Amin	- Do -	- Do -	- Do -	- Do -	6	7
13	Zayer	Salimullah	- Do -	- Do -	- Do -	- Do -	12	13
14	Md Hossain	Meru Mia	- Do -	- Do -	- Do -	- Do -	6	7.5
15	Abdul Sttar	Zafar Ali	- Do -	- Do -	- Do -	- Do -	12	13
16	Shamsul Huq	Nasir Alam	- Do -	- Do -	- Do -	- Do -	12	13
17	Ruhul Amin	Asadullah	- Do -	- Do -	- Do -	- Do -	12	13
18	Soleman	Surujmia	- Do -	- Do -	- Do -	- Do -	4	4.5
19	Mohammad Ullah	Mofiz	- Do -	- Do -	- Do -	- Do -	12	13
20	Shafiullah	Mofiz	- Do -	- Do -	- Do -	- Do -	12	13
21	Nurul Huq	Abdul Malek	- Do -	- Do -	- Do -	- Do -	12	13
22	Kamal	Abdul Hai	- Do -	- Do -	- Do -	- Do -	7	8.5
23	Firoz	Saidullah	- Do -	- Do -	- Do -	- Do -	8	8.5

24	Alamgir	Saydullah	- Do -	- Do -	- Do -	- Do -	7	9
25	Abdul Momin	Abdul Kalam	- Do -	- Do -	- Do -	- Do -	6	6.5
26	Md Ledu Mia	Md Ataulah	Amanatpur	Amanatpur	- Do -	- Do -	8	8.5
27	Nizamul Huq	Sharafat Ali	- Do -	- Do -	- Do -	- Do -	12	14
28	Abul Hasem	Md Isahak	- Do -	- Do -	- Do -	- Do -	12	14
29	Md Khoka Mia	Moklesur Rahman	- Do -	- Do -	- Do -	- Do -	12	14
30	Md Momin Mia	Ruhul Amin	- Do -	- Do -	- Do -	- Do -	12	13
31	Nizamuddin	Siddik Ullah	- Do -	- Do -	- Do -	- Do -	12	13
32	Md Alamgir	Usuf Mia	- Do -	- Do -	- Do -	- Do -	12	13
33	Nurul Amin	Mokles	- Do -	- Do -	- Do -	- Do -	12	14
34	Idris Mia	Late Abdul Hamid	- Do -	- Do -	- Do -	- Do -	12	13
35	Rahamat Ullah	Karim Ali	Durgapur	Durgapur	- Do -	- Do -	12	14
36	Md Chowdury Mia	Hasauzzaman	- Do -	- Do -	- Do -	- Do -	10	13
37	Abul Hossain	Mobarrak Ali	- Do -	- Do -	- Do -	- Do -	10	13
38	Abdul Oadud	Md Sayed Mia	- Do -	- Do -	- Do -	- Do -	12	13
39	Md Alamgir		- Do -	- Do -	- Do -	- Do -	12	14
40	Md Ishak	Gazi Nur Hosain	- Do -	- Do -	- Do -	- Do -	4	5
41	Momin Ullah	Rostam Ali	- Do -	- Do -	- Do -	- Do -	5	6
42	Abdul Matin	Nadu Mia	- Do -	- Do -	- Do -	- Do -	6	8
43	Mostafa	Nuruzaman	- Do -	- Do -	- Do -	- Do -	2	2.8
44	Kanulal Das	Sukendra	- Do -	- Do -	- Do -	- Do -	8	10
45	Abutaher	Latif	- Do -	- Do -	- Do -	- Do -	10	12

46	Chowdhury Mia	Hasanuzzam	- Do -	- Do -	- Do -	- Do -	11	12
47	Ali Haidar	Hasanuzzaman			- Do -	- Do -	12	14
48	AminUllah	Fazil Mia	Mabbatpur	Mabbatpur	- Do -	- Do -	5	6
49	Nizam Uddin	Siddik Ullah	- Do -	- Do -	- Do -	- Do -	10	12
50	Shafiullah	Hendu Mia	- Do -	- Do -	- Do -	- Do -	12	13
51	Abdul Jalil	Fazlur Rahman	- Do -	- Do -	- Do -	- Do -	12	13
52	Zafar Ahmed	Abdul matin	- Do -	- Do -	- Do -	- Do -	12	13
53	Ibrahim	Abdul Mnnan	- Do -	- Do -	- Do -	- Do -	12	13
54	Abdul Mamun	Nur Mohammad	- Do -	- Do -	- Do -	- Do -	4	6
55	Mokbul Ahmed	Manataj	- Do -	- Do -	- Do -	- Do -	5	6
56	Md Sekamdar Ali	Abdur Rab	Naotola	Naotola	Chatkhil	Noakhali	10	12
57	Md Monir Hossain	Late Abdur Sobahn	- Do -	- Do -	- Do -	- Do -	12	14
58	Abul Kashem	Late Serajul Huq	Faora	Faora	- Do -	- Do -	12	13
59	Abdul Ohab Khokan	Late Abul Kayer	- Do -	- Do -	- Do -	- Do -	12	14
60	Md Bahar	Md Rais	- Do -	- Do -	- Do -	- Do -	9	10
61	Md Ismail Hossain	Shamsul Huq	- Do -	- Do -	- Do -	- Do -	12	14
62	Nurul Kabir	Hazi Aminullah	- Do -	- Do -	- Do -	- Do -	12	13
63	Md Nannu	Late Shahidullah	- Do -	- Do -	- Do -	- Do -	3	3.5
64	Md Shahajahan	Md Rashid	- Do -	- Do -	- Do -	- Do -	12	13
65	Mofizul Huq	Late Mamataj Huq	- Do -	- Do -	- Do -	- Do -	12	13
66	Fayaz Ullah	Late Tita Mia Munsil	- Do -	- Do -	- Do -	- Do -	6	8

67	Shafikur Rahman	Late Abdul Gani	- Do -	- Do -	- Do -	- Do -	9	11
68	Md Selim	Late Nur Mohammad	- Do -	- Do -	- Do -	- Do -	1	1.8
69	Abul Khayer	Late Abdul hakim	- Do -	- Do -	- Do -	- Do -	12	13
70	Jamal Hosain	Haider Ali	- Do -	- Do -	- Do -	- Do -	12	13
71	Mofiz Mia	Late Habibullah	- Do -	- Do -	- Do -	- Do -	12	13
72	Shaiful Islam	Abdur rab	Naotola	Naotola	- Do -	- Do -	10	12
73	Gofran Hosain	Late Suruz Mia	- Do -	- Do -	- Do -	- Do -	12	14
74	Abul Hosain	Late Abdul hakim	- Do -	- Do -	- Do -	- Do -	7	8
75	Monir Hosain	Late Abdul Sobahn	- Do -	- Do -	- Do -	- Do -	12	13
76	Siddikur Rahman	Late Abdur Rashid	- Do -	- Do -	- Do -	- Do -	12	14
77	Khalilur Rahman	Late Chan Mia	- Do -	- Do -	- Do -	- Do -	4	5
78	Habibullah	Tita Mia Mungsi	Faora	Faora	- Do -	- Do -	4	4.5
79	Shahidul Alam	Humaun Kabir	- Do -	- Do -	- Do -	- Do -	12	13
80	Nurul Kabir	Hazi Amin Ullah	- Do -	- Do -	- Do -	- Do -	12	13
81	Md Selim Mia	Shafikur Rahman	- Do -	- Do -	- Do -	- Do -	12	13
82	Md Ahsan	Late Anowar	Mominpur	Mominpur	- Do -	- Do -	12	13
83	Md Ismail	Late Mominul Huq	- Do -	- Do -	- Do -	- Do -	12	13
84	Gias Uddin	Late Jalil	- Do -	- Do -	- Do -	- Do -	1	1.8
85	Nuruzzaman	Late Azizur Rahman	- Do -	- Do -	- Do -	- Do -	10	12
86	Abu Taher	Golam Nabi	- Do -	- Do -	- Do -	- Do -	12	14
87	Shahjahan	Abdul Mannan	- Do -	- Do -	- Do -	- Do -	12	14
88	Shaiful Islam	Muhammad Ullah	- Do -	- Do -	- Do -	- Do -	7	8

89	Arif	Unus Mia	- Do -	- Do -	- Do -	- Do -	5	6
90	Md Kabir Hosain	Md Tazul Islam	- Do -	- Do -	- Do -	- Do -	1	1.2
91	Hosain	Nur mohammad	- Do -	- Do -	- Do -	- Do -	12	13
92	Rafikul	Din Mohammad	- Do -	- Do -	- Do -	- Do -	12	14
93	Abdul Mannam	Din Mohammad	- Do -	- Do -	- Do -	- Do -	2	2.35
94	Atikullah	Mohammad Ullah	- Do -	- Do -	- Do -	- Do -	3	3.2
95	Sidam Karmaker	Jagadis Karmakjer	- Do -	- Do -	- Do -	- Do -	6	6.2
96	Manik Karmaker	Jagadis Karmakjer	- Do -	- Do -	- Do -	- Do -	6	6.5
97	Abu Taher	Anowar Hosain	- Do -	- Do -	- Do -	- Do -	2	2.2
987	Md Ali	Abdul Oadud	- Do -	- Do -	- Do -	- Do -	4	5
99	Md Hamid	Abdul Mannan	- Do -	- Do -	- Do -	- Do -	12	13
100	Dirulal Karmaker	Jagadis Karmaker	- Do -	- Do -	- Do -	- Do -	9	11
101	Md Hosai9n Kazi	Late Akteruzzaman	Byais Sindur	Byais Sindur	- Do -	- Do -	12	13
102	Md Halal Uddin	Syed Ullah	- Do -	- Do -	- Do -	- Do -	12	13
103	Sarikma Ullah	Abul Khayer	- Do -	- Do -	- Do -	- Do -	12	13
104	Md Motaleb	Late Abdur Sattar	- Do -	- Do -	- Do -	- Do -	12	13
105	Masud Rana	Md Abdul Mannan	- Do -	- Do -	- Do -	- Do -	12	13
106	habibullah	Abul Khayer	- Do -	- Do -	- Do -	- Do -	12	13
107	Mamun Hosain	Late Ibrahim	- Do -	- Do -	- Do -	- Do -	5	5.2
108	Md Raju	Md Haris	- Do -	- Do -	- Do -	- Do -	3	3.7
109	Syiful Islam	Md Hossain	- Do -	- Do -	- Do -	- Do -	5	6
110	Kabir Hosain	Lal Mia	- Do -	- Do -	- Do -	- Do -	8	10

111	Khorshed Alam	Late Aktaruzzaman	- Do -	- Do -	- Do -	- Do -	12	13
112	Md Tofazzal	Md Khorshed Alam	- Do -	- Do -	- Do -	- Do -	12	13
113	Md Abdul Matin	Md Swabet Ullah	- Do -	- Do -	- Do -	- Do -	12	13
114	Tazul Islam	Basir Mia	- Do -	- Do -	- Do -	- Do -	12	13
115	Md Abdul Salam	Abdul Sattar	- Do -	- Do -	- Do -	- Do -	12	13
116	Md Mizan	Md Abdullah	Doul atpur	Doulatpu r	- Do -	- Do -	12	13
117	Sahidullah	Md Haris Mia	- Do -	- Do -	- Do -	- Do -	12	13
118	Abul Khayer	Late Gani Bhuyan	- Do -	- Do -	- Do -	- Do -	8	10
119	Fayaz	Late Eakub Bhuian	Hose npur	Hosenpu r	- Do -	- Do -	8	11.5
120	Khoka	Late Mahbubur Rahman	Debn aya	Debnaya	- Do -	- Do -	9	11
121	Manu Mia	Late Sayed Ahmed	Doul atpur	Doulatpu r	- Do -	- Do -	12	13
122	Abul Basar	Late Shahidullah	Akha khari	Akhakhar i	- Do -	- Do -	12	13
123	Aiub Ali	Kanter Ali	Hose npur	Hosenpu r	- Do -	- Do -	5	6
124	Sirajul Islam	Late Rahim Box	- Do -	- Do -	- Do -	- Do -	12	13
125	Abdul Kuddus	Late Hafez Ahmed	- Do -	- Do -	- Do -	- Do -	12	13
126	Shahidulla h	Late Nuru Mia	- Do -	- Do -	- Do -	- Do -	12	13
127	Golam Mostafa	Alahi Box	- Do -	- Do -	- Do -	- Do -	12	13
128	Tofayel Hossain	Alahi Box	- Do -	- Do -	- Do -	- Do -	4	5
129	Amin Rasun	Late Ali akbar	- Do -	- Do -	- Do -	- Do -	12	13
130	Deloar Hossain	Late Sarafat Ali	- Do -	- Do -	- Do -	- Do -	12	13
131	Kabir Hossain	Late Muzibul Huq	- Do -	- Do -	- Do -	- Do -	12	13

132	Masud	Late Nurul Huda	- Do -	- Do -	- Do -	- Do -	12	13
133	Md. Khorshed	Md. Osman Ali	Patg ari	Nandigr am	Nandig ram	Bogra	10	10
134	Md. abdul Quddus	Late Abbas Ali	Patg ari	Nandigra m	Nandig ram	Bogra	6	6
135	Abdul Wahid	Abdul kader	Patg ari	Nandigra m	Nandig ram	Bogra	10	10
136	Abdur Rahman	Md. Choby Pramanik	Dubet aghor	Nandigra m	Nandig ram	Bogra	11	11
137	Akram Hossain	Md. Khoibar Ali	Paku ria para	Nandigra m	Nandig ram	Bogra	11	11
138	Md. Haider Ali	Md. Kasim uddin	Pach gram	Nandigra m	Nandig ram	Bogra	3	3
139	Md. Aftab Hossain	Late sabir uddin	Pach gram	Nandigra m	Nandig ram	Bogra	10	10
140	Lutfar Rahman	Md.Akbar	Saha rkuri	Nandigra m	Nandig ram	Bogra	4	4
141	Md. Bulbul Ahmed	Md. Meherul Islam	Saha rkuri	Nandigra m	Nandig ram	Bogra	11	11
142	Md. Ashraf Ali	Md. Ramjan ali	Saha rkuri	Nandigra m	Nandig ram	Bogra	8	8
143	Md.Enamul Haque	Late Zahed ali	Saha rkuri	Nandigra m	Nandig ram	Bogra	10	10
144	Md.Sultan Mahmud	Md. Meherul Islam	Saha rkuri	Nandigra m	Nandig ram	Bogra	12	12
145	Amirul Islam	Md. Moksed Ali	Saha rkuri	Nandigra m	Nandig ram	Bogra	10	10
146	Md. Eunus Ali	Md.Sadek Ali	Kath am	Vatgram	Nandig ram	Bogra	10	10
147	Md.Abdul Barik	Md.Mokbul Hossain	Kath am	Vatgram	Nandig ram	Bogra	8	8
148	Md.yasin	Md.Babor Ali	Kath am	Vatgram	Nandig ram	Bogra	10	10
149	Md.harun	Md. Barik	Kath am	Vatgram	Nandig ram	Bogra	10	10
150	Abdul Latif	Md.Ahmed	Kath am	Vatgram	Nandig ram	Bogra	10	10
151	Ahmed	Md.Maser Ali	Kath am	Vatgram	Nandig ram	Bogra	5	5

152	Md.Nasir	Md.Ahmed	Katham	Vatgram	Nandigram	Bogra	6	6
153	Md.Kazem	Md. Mafi fakir	Bijoyghat	Nandigram	Nandigram	Bogra	10	10
154	Md.Moslem	Md.Mofi fakir	Bijoyghat	Nandigram	Nandigram	Bogra	10	10
155	Md. Sahadat	Md.Kasem	Bijoyghat	Nandigram	Nandigram	Bogra	10	10
156	Md. Azahar	Late Saitullah Pramanik	Bijoyghat	Nandigram	Nandigram	Bogra	10	10
157	Md. Hanif	Md. Sukru	Bijoyghat	Nandigram	Nandigram	Bogra	7	7
158	Md. Abdul Zalil	Md. Sabna Midhka	Bijoyghat	Nandigram	Nandigram	Bogra	10	10
159	Md. Khalil	Md.Zahim uddin pramanik	Bijoyghat	Nandigram	Nandigram	Bogra	10	10
160	Md. Khalilur Rahman	Md. sabna Midhka	Bijoyghat	Nandigram	Nandigram	Bogra	4	4
161	Polash	Debendra nath bormon	Narhatto	Narhatto	Kahalu	Bogra	11	11
162	Rada kanta	Surjakanto	Narhatto	Narhatto	Kahalu	Bogra	4	4
163	Wakhil	Tarapod sarkar	Narhatto	Narhatto	Kahalu	Bogra	10	10
164	Rabindra nath sarkar	Upendra sarkar	Narhatto	Narhatto	Kahalu	Bogra	10	10
165	Naresh bormon	Horek nath bormon	Narhatto	Narhatto	Kahalu	Bogra	11	11
166	Akkhoy chandra	Rupen nath bormon	Narhatto	Narhatto	Kahalu	Bogra	3	3
167	Mohindra pramanik	Nitish pramanik	Narhatto	Narhatto	Kahalu	Bogra	10	10
168	Emdadul sarkar	Muslim uddin sarkar	Valta	Muruil	Kahalu	Bogra	12	12
169	Bellal Sheikh	Late Amir Sheikh	Valta	Muruil	Kahalu	Bogra	10	10
170	Nasir pramanik	Mohir uddin pramanik	Valta	Muruil	Kahalu	Bogra	3	3
171	Wajed kazi	Foiz kazi	Valta	Muruil	Kahalu	Bogra	10	10

172	Razzak pramanik	Late mofiz pramanik	Valta	Muruil	Kahalu	Bogra	12	12
173	Abu musa	Amzad pramanik	Valta	Muruil	Kahalu	Bogra	10	10
174	Md.Manna n ali	Late mofiz uddin	Dam ai	Kahalu	Kahalu	Bogra	1	1
175	Hossain ali	Late kimu sheikh	Dam ai	Kahalu	Kahalu	Bogra	12	12
176	Abul hossain	Md. Ismail Hosen	Dam ai	Kahalu	Kahalu	Bogra	4	4
177	Gopal chandra	Posuram pramanik	Dam ai	Kahalu	Kahalu	Bogra	12	12
178	Mozemmal haque	Late Mohurullah akand	Dam ai	Kahalu	Kahalu	Bogra	2	2
179	Rafiqul Islam	Late sohir uddin pramanik	Dam ai	Kahalu	Kahalu	Bogra	12	12
180	Md. siddique pramanik	Late mosir uddin pramanik	Sarai	Kahalu	Kahalu	Bogra	12	12
181	Prodip kumar sarkar	Wamullah Chandra	Sarai	Kahalu	Kahalu	Bogra	9	9
182	Mazed ali	Late nosir uddin	Sarai	Kahalu	Kahalu	Bogra	12	12
183	Sishir sarkar	Samol chandra sarkar	Sarai	Kahalu	Kahalu	Bogra	10	10
184	Nipen sarkar	Debendra nath sarkar	Sarai	Kahalu	Kahalu	Bogra	12	12
185	Ibrahim ali	Late solaiman ali	Sarai	Kahalu	Kahalu	Bogra	10	10
186	Mominul Haque (Khokon)	Late Rasat Ali	Bhad uapa ra	Moynam oti	Burichan g	Comilla	8	10
187	Md. Johir Miah	Late. Mannan	Bhad uapa ra	Moynam oti	Burichan g	Comilla	9	11
188	Md. Malek	Late Amber Ali	Bhad uapa ra	Moynam oti	Burichan g	Comilla	10	12
189	Md. Hamid Miah	Md. A. Habaz	Bhad uapa ra	Moynam oti	Burichan g	Comilla	8	10
190	Md. Dulal Miah	Md. Late Solim Uddin	Bhad uapa ra	Moynam oti	Burichan g	Comilla	11	12

191	Md. Janu miah	Md. Jalil	Bhad uapa ra	Moynam oti	Buricha ng	Comilla	10	12
192	Md. Shamsul Haque	Md. Sona Miah	Bhad uapa ra	Moynam oti	Buricha ng	Comilla	5	6
193	Md. A. Jabber	Md. Goni Miah	Bhad uapa ra	Moynam oti	Buricha ng	Comilla	9	10
194	Md. Razab Ali	Md. Mona Miah	Bhad uapa ra	Moynam oti	Buricha ng	Comilla	7	9
195	Md. Rasid Miah	Md. Noab Ali	Bhad uapa ra	Moynam oti	Buricha ng	Comilla	6	7
196	Md. Jakir Hosain	Md. Fazar Ali	Bhad uapa ra	Moynam oti	Buricha ng	Comilla	7	8
197	Md. Safiq Miah	Md. A. Samad	Bhad uapa ra	Moynam oti	Buricha ng	Comilla	8	10
198	Md. Nurul Islam	Md. Shiraz Miah	Bhad uapa ra	Moynam oti	Buricha ng	Comilla	10	12
199	Md. Hasham	Md. Rahman	Bhad uapa ra	Moynam oti	Buricha ng	Comilla	9	11
200	Md. Ali akber	Md. A. Gofur	Bhad uapa ra	Moynam oti	Buricha ng	Comilla	8	10
201	Md. Moqbul Hossain	Md. Lal Miah	Bhad uapa ra	Moynam oti	Buricha ng	Comilla	6	7
202	Md. Satter	Md. Moina	Bhad uapa ra	Moynam oti	Buricha ng	Comilla	10	12
203	Md. Aeashin	Md. Rasat Ali	Bhad uapa ra	Moynam oti	Buricha ng	Comilla	9	10
204	Md. Aeaqub Ali	Md. Riasat Ali	Bhad uapa ra	Moynam oti	Buricha ng	Comilla	8	10
205	Md. Shaha Alam	Md. Late Moksat ali	Bhad uapa ra	Moynam oti	Buricha ng	Comilla	8	9
206	Md. Monirul Haque	Late Sona Miah	Bhad uapa ra	Moynam oti	Buricha ng	Comilla	9	11
207	Md. Mofiz Miah	Late Md. Rasat Ali	Bhad uapa ra	Moynam oti	Buricha ng	Comilla	3	3
208	Md. Shiraz Miah	Late Salim Uddin	Bhad uapa ra	Moynam oti	Buricha ng	Comilla	10	12
209	Md. Kadir (1)	Late Jamir Uddin	Bhad uapa ra	Moynam oti	Buricha ng	Comilla	8	9

210	Md. Kadir (2)	Late Dud Miah	Bhaduapara	Moynamoti	Burichang	Comilla	11	12
211	Ms. Rubina Akter	Ha. A. Motin	Bhaduapara	Moynamoti	Burichang	Comilla	5	6
212	Ms. Shirina Akter	Ha. Monirul Haque	Bhaduapara	Moynamoti	Burichang	Comilla	9	11
213	Ms. Piara Begum	Ha. Shirajul Islam	Bhaduapara	Moynamoti	Burichang	Comilla	10	12
214	Ms. Rina Akter	ha. Ramiz uddin	Bhaduapara	Moynamoti	Burichang	Comilla	9	11
215	Ms. Hosnawara Begum	Ha. Aeashin Miah	Bhaduapara	Moynamoti	Burichang	Comilla	7	8
216	Md. Safiqul Islam	Jongsher Ali	Paikpara	Moynamoti	Burichang	Comilla	12	12
217	Md. Salim	Md. Shuruz Miah	Paikpara	Moynamoti	Burichang	Comilla	12	12
218	Md. Jabbar Ali	Md. Basir Uddin	Paikpara	Moynamoti	Burichang	Comilla	6	8
219	Md. Ohid Miah	Md. Shobihaza	Paikpara	Moynamoti	Burichang	Comilla	9	12
220	Md. Mominul Haque	Md. Shaid Ali	Paikpara	Moynamoti	Burichang	Comilla	11	12
221	Md. Somesul haque	Md. Taleb Ali	Paikpara	Moynamoti	Burichang	Comilla	3	3
222	md. Sundar Ali	Md. Jalil	Paikpara	Moynamoti	Burichang	Comilla	10	12
223	Md. Mozid Miah	Md. Basir Uddin	Paikpara	Moynamoti	Burichang	Comilla	8	9
224	Md. Jamshad Kabir	Md. Humaun Kabir	Paikpara	Moynamoti	Burichang	Comilla	6	8
225	Md. Narandra Mistri	Md. Mahindra	Paikpara	Moynamoti	Burichang	Comilla	7	8
226	Md. Kholil	Md. Sundar Ali	Paikpara	Moynamoti	Burichang	Comilla	7	9
227	Md. Nuru Miah	Md. Jalil	Paikpara	Moynamoti	Burichang	Comilla	10	12
228	Md. Sultan	Md Asat Ali	Paikpara	Moynamoti	Burichang	Comilla	8	9
229	Md. Julhash	Md. Sarafat Ali	Paikpara	Moynamoti	Burichang	Comilla	4	5
230	Md. Shiraz Miah	Md. Sarafat Ali	Paikpara	Moynamoti	Burichang	Comilla	9	12
231	Md. A. Mannan	Md. Charu Miah	Paikpara	Moynamoti	Burichang	Comilla	8	8
232	Md. Fazlul haque	Late Asmat Ali	Paikpara	Moynamoti	Burichang	Comilla	6	6
233	Md. Alauddin	Ahammad Sultan	Paikpara	Moynamoti	Burichang	Comilla	2	3

234	Md. Nurul Islam	Late Basat Ali	Paikpara	Moynamoti	Burichang	Comilla	5	6
235	Md. Mohammad Ali	Late Md. Badsha Miah	Paikpara	Moynamoti	Burichang	Comilla	3	3
236	Md. Humaun Kabir	Late Akkas ali	Paikpara	Moynamoti	Burichang	Comilla	7	9
237	Md. Nepal	Late Shachindra	Paikpara	Moynamoti	Burichang	Comilla	8	9
238	Ms. Sabina Akter	Ha. Md. Julhash	Paikpara	Moynamoti	Burichang	Comilla	4	5
239	Ms. Safarjan Bibi	Ha. Akkas ali	Paikpara	Moynamoti	Burichang	Comilla	7	9
240	Ms. Rupia khatun	Ha. Momtaz Miah	Paikpara	Moynamoti	Burichang	Comilla	2	3
241	Ms. Morshada Akter	Ha. Humaun Kabir	Paikpara	Moynamoti	Burichang	Comilla	5	6
242	Ms. Shahara Khatun	Ha. Shahid Miah	Paikpara	Moynamoti	Burichang	Comilla	4	6
243	Ms. Jahara Khatun	Ha. Joinal Abedin	Paikpara	Moynamoti	Burichang	Comilla	7	9
244	Ms. Monsura Akter	Ha. Malu Miah	Paikpara	Moynamoti	Burichang	Comilla	8	10
245	Ms. Salina Akter	Ha. Alauddin	Paikpara	Moynamoti	Burichang	Comilla	3	3
246	Md. Ab. Kadir	Late Mozzaffar Ahammed	Shibpur	Varella	Burichang	Comilla	10	12
247	Md. Rabiulalam	Late Jarul Miah	Shibpur	Varella	Burichang	Comilla	3	3
248	Md. Hannan	A. Habaz	Shibpur	Varella	Burichang	Comilla	7	8
249	Md. Shamsu Miah	Late Alfo Miah	Shibpur	Varella	Burichang	Comilla	2	3
250	Md. Kashem	Late Basat Ali	Shibpur	Varella	Burichang	Comilla	10	11
251	Md. A. Kashem	Late Basat Ali	Shibpur	Varella	Burichang	Comilla	3	4
252	Md. A. Rashid	Late Robiullah	Shibpur	Varella	Burichang	Comilla	8	10
253	Md. Kabir Ahammad	Md. Ali Miah	Shibpur	Varella	Burichang	Comilla	4	6
254	Md. Mannan	Md. Mozzammal	Shibpur	Varella	Burichang	Comilla	6	8
255	Md. Johirul Haque	A. Habaz	Shibpur	Varella	Burichang	Comilla	2	3
256	Md. A. Khair	Late Shirazul Islam	Shibpur	Varella	Burichang	Comilla	2	2
257	Md. Sundar Ali	Late Dilu Miah	Shibpur	Varella	Burichang	Comilla	3	4
258	Md. Romiz Miah	Late Mozid	Shibpur	Varella	Burichang	Comilla	11	12
259	Md. Ful Miah	Late Alfo Miah	Shibpur	Varella	Burichang	Comilla	5	6

260	Md. Kamal Uddin	Md. Shahid Miah	Shibpur	Varella	Burichang	Comilla	5	6
261	Md. Safiqul Islam	Late Soid Ahammad	Shibpur	Varella	Burichang	Comilla	4	4
262	Md. Tajul Islam	Mohammad Ali	Shibpur	Varella	Burichang	Comilla	10	12
263	Md. A. Satter	Late Pacha Gagi	Shibpur	Varella	Burichang	Comilla	11	12
264	Md. Ali Ashraf	Late Ali Miah	Shibpur	Varella	Burichang	Comilla	9	12
265	Md. Safar Ali	Late Pacha Gagi	Shibpur	Varella	Burichang	Comilla	2	3
266	Ms. Ashia Begum	Ha. Md. Shahid Miah	Shibpur	Varella	Burichang	Comilla	2	3
267	Ms. Rahana Begum	Ha. Ful Miah	Shibpur	Varella	Burichang	Comilla	5	6
268	Ms. Nashima	Ha. Kholilur Rahman	Shibpur	Varella	Burichang	Comilla	3	3
269	Ms. Salma	Ha. Arshad	Shibpur	Varella	Burichang	Comilla	3	3
270	Ms. Kamala	Ha. Alahi Box	Shibpur	Varella	Burichang	Comilla	3	4
271	Ms. Salina	Ha. Salim	Shibpur	Varella	Burichang	Comilla	4	5
272	Ms. Bachu Bibi	Ha. Farid Ahammed	Shibpur	Varella	Burichang	Comilla	5	6
273	Ms. Joshna	Ha. Suruj Miah	Shibpur	Varella	Burichang	Comilla	2	3
274	Ms. Shahanara	Ha. Hannan	Shibpur	Varella	Burichang	Comilla	7	8
275	Ms. Milon	Ha. Kobir Ahammed	Shibpur	Varella	Burichang	Comilla	4	6
276	Md. Shahidul Islam	Md. Sardar Ali	Kacharitala	Maynamoti	Burichang	Comilla	9	11
277	Md. Moinal Hossain	Late Monsur Ali	Kacharitala	Maynamoti	Burichang	Comilla	9	12
278	Md. Mokter (Mintu)	Late Monsur Ali	Kacharitala	Maynamoti	Burichang	Comilla	10	12
279	Md. Sharafat Ali	Late Hazi Ali Akber	Kacharitala	Maynamoti	Burichang	Comilla	11	12
280	Md. Nazrul Islam	Late Sarfat Ali	Kacharitala	Maynamoti	Burichang	Comilla	9	12
281	Md. Rostam	Late Safar Ali	Kacharitala	Maynamoti	Burichang	Comilla	11	12
282	Md. Mohammad Ali	Late Mohar ali	Kacharitala	Maynamoti	Burichang	Comilla	9	10
283	Md. Jalil	Late Bazlu Miah	Kacharitala	Maynamoti	Burichang	Comilla	8	10

284	Md. Mongol Miah	Late Bazlu Miah	Kach arital a	Maynam oti	Buricha ng	Comilla	9	10
285	Md. Soid Ahammed	Late Tazul Islam	Kach arital a	Maynam oti	Buricha ng	Comilla	11	12
286	Md. Fazlul Haque	Late Chan Miah	Kach arital a	Maynam oti	Buricha ng	Comilla	10	10
287	Md. Jalfu miah	Late Bazlu Miah	Kach arital a	Maynam oti	Buricha ng	Comilla	8	9
288	Md. Jahirul Islam	Late Rahmat Ali	Kach arital a	Maynam oti	Buricha ng	Comilla	6	7
289	Md. Jalil	Late Hossain Ahammed	Kach arital a	Maynam oti	Buricha ng	Comilla	8	9
290	Ms. Saoid Ali	Late Dud Miah	Kach arital a	Maynam oti	Buricha ng	Comilla	9	11
291	Md. Shamsul Haque	Late Kalo Miah	Kach arital a	Maynam oti	Buricha ng	Comilla	8	10
292	Md. Khalek	Late Kashim miah	Kach arital a	Maynam oti	Buricha ng	Comilla	8	11
293	Md A. Aziz	Late Mostafa kamal	Kach arital a	Maynam oti	Buricha ng	Comilla	10	12
294	Md. Salim	Late Bazlu Miah	Kach arital a	Maynam oti	Buricha ng	Comilla	8	10
295	Md. Baharul Islam	Late Sarafat Ali	Kach arital a	Maynam oti	Buricha ng	Comilla	10	11
296	Md. Motaleb Miah	Late shamsar Ali	Kach arital a	Maynam oti	Buricha ng	Comilla	2	3
297	Md. Aet Ali	Late Shobhan Miah	Kach arital a	Maynam oti	Buricha ng	Comilla	8	9
298	Md. Mostafa Kamal	Late Kholil	Kach arital a	Maynam oti	Buricha ng	Comilla	7	8
299	Md. Rahim	Late A. Mozid	Kach arital a	Maynam oti	Buricha ng	Comilla	6	7
300	Ms. Salina Akter	Late Monirul Islam	Kach arital a	Maynam oti	Buricha ng	Comilla	8	10
301	Ms. Abeda Khatun	Late Mongol Miah	Kach arital a	Maynam oti	Buricha ng	Comilla	9	10
302	Ms. Roshna Begum	Late Motaleb	Kach arital a	Maynam oti	Buricha ng	Comilla	2	3

303	Ms. Hazara Begum	Late Jalil	Kach arital a	Maynam oti	Buricha ng	Comilla	8	9
304	Ms. Chasma Begum	Late Roshtam Miah	Kach arital a	Maynam oti	Buricha ng	Comilla	11	12
305	Ms. Jahanara Begum	Late A. Korim	Kach arital a	Maynam oti	Buricha ng	Comilla	4	6
306	Md. Ali Ashraf	Late Jongshor Ali	Shah adilar bag	Mokam	Buricha ng	Comilla	11	12
307	Md. Babri Miah	Late Kommor Uddin	Shah adilar bag	Mokam	Buricha ng	Comilla	6	8
308	Md. Karmat Ali	Late Afsar Uddin	Shah adilar bag	Mokam	Buricha ng	Comilla	7	8
309	Md. A. Motin	Late Hamid Ali	Shah adilar bag	Mokam	Buricha ng	Comilla	2	3
310	Kazi Shahidul Islam	Late Idrish Miah	Shah adilar bag	Mokam	Buricha ng	Comilla	6	7
311	Kazi Farid Ahammed Md.	Late Gofur Ahammed	Shah adilar bag	Mokam	Buricha ng	Comilla	11	12
312	Md. Hakim	Late Nashir Uddin Hazi	Shah adilar bag	Mokam	Buricha ng	Comilla	3	3
313	Md. Ismail	Late Shultan Driver	Shah adilar bag	Mokam	Buricha ng	Comilla	4	5
314	Md. Nuru Miah	Md. Goni Miah	Shah adilar bag	Mokam	Buricha ng	Comilla	6	7
315	Md. Eunos Miah	Late Nurul Islam Driver	Shah adilar bag	Mokam	Buricha ng	Comilla	10	12
316	Md. Robiul Alam	Late Shirazul Islam	Shah adilar bag	Mokam	Buricha ng	Comilla	10	12
317	Md. Shamsul Haque	Late Nazir Ahammed	Shah adilar bag	Mokam	Buricha ng	Comilla	2	3
318	Md. Ohab Master	Late Romiz Uddin	Shah adilar bag	Mokam	Buricha ng	Comilla	5	7
319	Md. Humaun Kabir	Late Abid Ali	Shah adilar bag	Mokam	Buricha ng	Comilla	8	10
320	Md. Rob Miah	Late Shadiruzzaman	Shah adilar bag	Mokam	Buricha ng	Comilla	7	7
321	Md. Alam Miah	Late Ali Ahammad	Shah adilar bag	Mokam	Buricha ng	Comilla	10	12

322	Md Salam	Late Hazi Gabudi	Shah adilar bag	Mokam	Burichang	Comilla	3	4
323	Md. Sarafat Ali	Late Altaf Ali	Shah adilar bag	Mokam	Burichang	Comilla	10	12
324	Md Hab	Late Charu Miah	Shah adilar bag	Mokam	Burichang	Comilla	4	5
325	Md. Mofiz Miah	Late Lal Miah	Shah adilar bag	Mokam	Burichang	Comilla	3	3
326	Md. Karim	Late Shultan	Shah adilar bag	Mokam	Burichang	Comilla	7	8
327	Md. Mizan	Late Rahim	Shah adilar bag	Mokam	Burichang	Comilla	5	6
328	Ms. Salina Akter	Ha. Md. Mozibur Rahman	Shah adilar bag	Mokam	Burichang	Comilla	7	9
329	Ms. Sakina	Ha. Md. A. Motin	Shah adilar bag	Mokam	Burichang	Comilla	3	3
330	Ms. Jomila	Ha. Late Shiddiqur Rahman	Shah adilar bag	Mokam	Burichang	Comilla	3	4
331	Ms. Shahanara	Ha. Md. A. Rahim	Shah adilar bag	Mokam	Burichang	Comilla	6	8
332	Ms. Jahanara	Ha. Md. Mofizul Islam	Shah adilar bag	Mokam	Burichang	Comilla	3	3
333	Ms. Ashia Akter	Ha. Md. Babri Miah	Shah adilar bag	Mokam	Burichang	Comilla	6	8
334	Ms. Honufa Akter	Ha. Md. Karmat Ali	Shah adilar bag	Mokam	Burichang	Comilla	6	8
335	Ms. Milona Akter	Ha. Md. Hasan	Shah adilar bag	Mokam	Burichang	Comilla	3	4
336	Md. Johar Ali	Late Md. Rosmat Ali	Charbakar	Zaforgonj	Debidwar	Comilla	10	10
337	Md. Jonal Abedin	Late Md. Sundar Ali	Charbakar	Zaforgonj	Debidwar	Comilla	8	9
338	Md. A. Sattar	Late A. Aziz	Charbakar	Zaforgonj	Debidwar	Comilla	10	10
339	Md. Shohid Miah	Late Md. A. Manan	Charbakar	Zaforgonj	Debidwar	Comilla	2	3
340	Md. Abul Kasham	Late Md. Sundar Ali	Charbakar	Zaforgonj	Debidwar	Comilla	11	12
341	Md. A. Aziz	Late Md. Ehaqub Ali	Charbakar	Zaforgonj	Debidwar	Comilla	8	10
342	Md. A. Mozid	Late Md. Ehaqub Ali	Charbakar	Zaforgonj	Debidwar	Comilla	2	3
343	Md. Monue Miah	Md. Ab. Jalil	Charbakar	Zaforgonj	Debidwar	Comilla	2	3
344	Md. Abul	Late Md. Sadat Ali	Charbakar	Zaforgonj	Debidwar	Comilla	8	9

	Hasham		kar					
345	Md. Shalim Miah	Md. Monue Miah	Charba kar	Zaforgonj	Debidwar	Comilla	4	4
346	Md. Joinal Abedin	Late Md. Sundar Ali	Charba kar	Zaforgonj	Debidwar	Comilla	6	8
347	Md A. Barek	Late Md. Akebar Ali	Charba kar	Zaforgonj	Debidwar	Comilla	12	12
348	Md. Rajab Ali	Late Md. Ushob Ali	Charba kar	Zaforgonj	Debidwar	Comilla	10	12
349	Md. Shamsul Hoque	Late Md. Jafar Ali	Charba kar	Zaforgonj	Debidwar	Comilla	9	11
350	Md. A. Hakim	Late Md. Khoag Ali	Charba kar	Zaforgonj	Debidwar	Comilla	6	8
351	Md. Abul Hasham	Late. Md. A. Rahman	Charba kar	Zaforgonj	Debidwar	Comilla	2	4
352	Md. Dhanue Miah	Late Md. Hafiz Uddin	Charba kar	Zaforgonj	Debidwar	Comilla	6	8
353	Md. Dr. Shirazul Islam	Late Md. Abid Ali	Charba kar	Zaforgonj	Debidwar	Comilla	8	9
354	Md. Romiz Uddin	late. Md. Naj Uddin	Charba kar	Zaforgonj	Debidwar	Comilla	5	7
355	Md. Alamgir	Late Md. Shar Ali	Charba kar	Zaforgonj	Debidwar	Comilla	7	8
356	Md. A. Sattar	Late md. Nizam Uddin	Charba kar	Zaforgonj	Debidwar	Comilla	8	9
357	Md. Nurul Islam	Late Md. Asmat Ali	Charba kar	Zaforgonj	Debidwar	Comilla	10	11
358	Md. A. Salam	Late. Md. Jonab Ali	Charba kar	Zaforgonj	Debidwar	Comilla	6	8
359	Md. Abul Hasham	Late. Md. Mazue Miah	Charba kar	Zaforgonj	Debidwar	Comilla	10	12
360	Md. Motiur Rahman	Late. Md. Sundar Ali	Charba kar	Zaforgonj	Debidwar	Comilla	7	9
361	Ms. Mafia Khatun	Ha. Late. Md. Asmat Ali	Charba kar	Zaforgonj	Debidwar	Comilla	8	10
362	Ms. Fatima begum	Ha. Late. Md. A. Latif	Charba kar	Zaforgonj	Debidwar	Comilla	12	12
363	Ms. Anawara begum	Ha. Late. Md. Anu Miah	Charba kar	Zaforgonj	Debidwar	Comilla	3	4
364	Ms. Hashia begum	Md. Jafar Ali	Charba kar	Zaforgonj	Debidwar	Comilla	9	11
365	Ms. Anawara begum	Ha. Md. Shamsul Haque	Charba kar	Zaforgonj	Debidwar	Comilla	3	4
366	Md. Joinal Abedin	Md. Zinnat Ali	Hossainpur	Zaforgonj	Debidwar	Comilla	12	12
367	Md Pandob Ali	Late. Md. Taz Uddin	Hossainpur	Zaforgonj	Debidwar	Comilla	10	12
368	Md. Ab. Kadir	Hazi Md. Abue Musha	Hossainpur	Zaforgonj	Debidwar	Comilla	6	8
369	Md. Jalal Uddin	Md. Pacha Miah	Hossainpur	Zaforgonj	Debidwar	Comilla	5	5
370	Md. Ali Akebar Member	Late. Md. Noab Ali	Hossainpur	Zaforgonj	Debidwar	Comilla	9	12
371	Md. Kuddus Miah	Hazi Md. Ab. Sattar	Hossainpur	Zaforgonj	Debidwar	Comilla	11	12

372	Md. Ali Ahemed	Late. Md. Jzfar Ali	Hossainpur	Zaforgonj	Debidwar	Comilla	7	8
373	Md. Adam Ali	Late. Md. Jonab Ali	Hossainpur	Zaforgonj	Debidwar	Comilla	12	12
374	Md. A. Khalek	Late. Md. Sujat Ali	Hossainpur	Zaforgonj	Debidwar	Comilla	5	6
375	Md. Ranu Miah	Late. Md. Sujat Ali	Hossainpur	Zaforgonj	Debidwar	Comilla	6	8
376	Md. Kashim Ali	Late. Md. Goni Miah	Hossainpur	Zaforgonj	Debidwar	Comilla	6	6
377	Md. Ab. Khalek	Late. Md. Goni Miah	Hossainpur	Zaforgonj	Debidwar	Comilla	7	9
378	Md. Farid Miah	Late. Md. Ambar Ali	Hossainpur	Zaforgonj	Debidwar	Comilla	10	12
379	Md. Rajek Miah	Md. Akram Ali	Hossainpur	Zaforgonj	Debidwar	Comilla	6	8
380	Md. Shiraj ali	Late. Md. Shomur Uddin	Hossainpur	Zaforgonj	Debidwar	Comilla	11	12
381	Md. Mozid Miah	Late. Md. Didar Box Master	Hossainpur	Zaforgonj	Debidwar	Comilla	8	10
382	Md. Chan Miah	Late. Md. Didar Box Master	Hossainpur	Zaforgonj	Debidwar	Comilla	7	8
383	Md. Fazlu Miah	Late. Md. Anaet Box	Hossainpur	Zaforgonj	Debidwar	Comilla	8	11
384	Hazi Md. Bachu Miah	Md. Asmat Ali	Hossainpur	Zaforgonj	Debidwar	Comilla	11	12
385	Md. Taru Miah	Md. Asmat Ali	Hossainpur	Zaforgonj	Debidwar	Comilla	10	12
386	Md. Nazrul Islam	Late. Md. Ohab Ali	Hossainpur	Zaforgonj	Debidwar	Comilla	9	11
387	Md Ismail	Late. Md. Sadhan Monshi	Hossainpur	Zaforgonj	Debidwar	Comilla	4	6
388	Ms. Safara begum	Ha. Md. Babul Islam	Hossainpur	Zaforgonj	Debidwar	Comilla	3	4
389	Ms. Hosnawara begum	Ha. Late. Md. Romiz Miah	Hossainpur	Zaforgonj	Debidwar	Comilla	8	9
390	Ms. Rubi Akter	Ha. Late. Md. Anu Miah	Hossainpur	Zaforgonj	Debidwar	Comilla	4	6
391	Ms. Sufia begum	Ha. Late. Md. Jalal Uddin	Hossainpur	Zaforgonj	Debidwar	Comilla	4	5
392	Ms. Khorsada begum	Ha. Late. Md. Kamal Miah	Hossainpur	Zaforgonj	Debidwar	Comilla	4	5
393	Ms. Mazada begum	Ha. Late. Md. Hasham Miah	Hossainpur	Zaforgonj	Debidwar	Comilla	4	4
394	Ms. Mofia begum	Ha. Late. Md. Monu Miah	Hossainpur	Zaforgonj	Debidwar	Comilla	5	6
395	Ms. Joinaba Nasha	Ha. Late. Md. Mozid Miah	Hossainpur	Zaforgonj	Debidwar	Comilla	8	10
396	Md. Shiraj Miah	Late. Md. Sadat Ali	Bagumabad	Zaforgonj	Debidwar	Comilla	10	12
397	Md. Nurul Islam	Md. Shiraj Miah	Bagumabad	Zaforgonj	Debidwar	Comilla	9	11
398	Montu Pual	Late Atul Pual	Bagumabad	Zaforgonj	Debidwar	Comilla	6	8
399	Md. Mobarak Hossain	Late Md. Jafar ali	Bagumabad	Zaforgonj	Debidwar	Comilla	9	12

400	Md. A. Motin	Late. Md Sundar Ali	Bagum abad	Zaforgonj	Debidwar	Comilla	10	12
401	Md. Dulal Miah	Md. A. Rashid	Bagum abad	Zaforgonj	Debidwar	Comilla	2	3
402	Md. Mofizul Islam	Md. Roushon ali	Bagum abad	Zaforgonj	Debidwar	Comilla	4	4
403	Khitish Chandra Das	Shuedhangsu Bhushan Das	Bagum abad	Zaforgonj	Debidwar	Comilla	3	4
404	Md. Bachu Miah	Late. Md. Alaha Box	Bagum abad	Zaforgonj	Debidwar	Comilla	8	10
405	Md. A. Khalek	Late. Didar Box	Bagum abad	Zaforgonj	Debidwar	Comilla	5	5
406	Md. Shamur Uddin	Late. Md. Amir ali	Bagum abad	Zaforgonj	Debidwar	Comilla	8	10
407	Dulal Chandra Das	Late. Roy Chan Chandra Das	Bagum abad	Zaforgonj	Debidwar	Comilla	8	10
408	Md. Satta Rangan Pual	Late. Akhil Chandra Pual	Bagum abad	Zaforgonj	Debidwar	Comilla	4	4
409	Md. A. Rahim	Late A. Gifur	Bagum abad	Zaforgonj	Debidwar	Comilla	9	10
410	Md. A. Mannan	Late. Oaz Uddin	Bagum abad	Zaforgonj	Debidwar	Comilla	6	8
411	Ronjit Chandra Das	Late. Girish Chandra Das	Bagum abad	Zaforgonj	Debidwar	Comilla	8	10
412	Moran Chandra Das	Shubal Chandra Das	Bagum abad	Zaforgonj	Debidwar	Comilla	4	4
413	Shujit Chandra Das	Shudhangshu Bhushan Das	Bagum abad	Zaforgonj	Debidwar	Comilla	3	4
414	Biddut Chandra Das	Monindra Chandra Das	Bagum abad	Zaforgonj	Debidwar	Comilla	4	5
415	Lolit Chandra Das	Girish Chandra Das	Bagum abad	Zaforgonj	Debidwar	Comilla	5	6
416	Mongu Rani das	Ha. Khitish Chandra Das	Bagum abad	Zaforgonj	Debidwar	Comilla	4	4
417	Anima Rani Das	Ha. Lolit Chandra Das	Bagum abad	Zaforgonj	Debidwar	Comilla	4	5
418	Archona Rani Das	Ha. Shujit Chandra Das	Bagum abad	Zaforgonj	Debidwar	Comilla	6	8
419	Anima Rani Das	Ha. Shadesh Chandra das	Bagum abad	Zaforgonj	Debidwar	Comilla	5	7
420	Nomita rani das	Ha. Ronjit Chandra Das	Bagum abad	Zaforgonj	Debidwar	Comilla	7	8
421	Jhorna Rani Das	Ha. Monindra Chandra Das	Bagum abad	Zaforgonj	Debidwar	Comilla	3	4
422	Rani Probha Das	Ha. Ajit Chandra Das	Bagum abad	Zaforgonj	Debidwar	Comilla	9	10
423	Anjoli Rani Das	Ha. Late. Shuru Das	Bagum abad	Zaforgonj	Debidwar	Comilla	5	6
424	Rinku Rani Das	Ha. Ratan Chandra Das	Bagum abad	Zaforgonj	Debidwar	Comilla	4	4
425	Kajol Rani Das	Ha. Shuras Chandra Das	Bagum abad	Zaforgonj	Debidwar	Comilla	8	10
426	Md.A. Khalek	Late. Ainjat Ali	Ganga nagar	Zaforgonj	Debidwar	Comilla	7	8
427	Md. A. Rahim	Late. Chanboski	Ganga nagar	Zaforgonj	Debidwar	Comilla	11	12
428	Md. Farid Uddin	Md. Mofiz Uddin	Ganga nagar	Zaforgonj	Debidwar	Comilla	5	6

429	Md. Bodiulalam	Md. Ismail	Ganganagar	Zaforgonj	Debidwar	Comilla	10	12
430	Md. Mizanur Rahman	Late. Abdus Samad	Ganganagar	Zaforgonj	Debidwar	Comilla	4	6
431	Md. Rofiz Uddin	Md. Hafiz Uddin	Ganganagar	Zaforgonj	Debidwar	Comilla	9	10
432	Md. A. Khalek	Late. Sorat Ali	Ganganagar	Zaforgonj	Debidwar	Comilla	12	12
433	Md. Sarafat ali	Md. Abdur Rahman	Ganganagar	Zaforgonj	Debidwar	Comilla	6	7
434	Md. Mohar ali	Late. Titan Ali	Ganganagar	Zaforgonj	Debidwar	Comilla	4	6
435	Md. A. Malek	Late. Ansar Ali	Ganganagar	Zaforgonj	Debidwar	Comilla	7	8
436	Md. Roushan Miah	Late. Abdus Sobhan	Ganganagar	Zaforgonj	Debidwar	Comilla	10	12
437	Md. Abu Hanif	Late. Ansar Ali	Ganganagar	Zaforgonj	Debidwar	Comilla	11	12
438	Md. Oli Ullah	Late. Sajad Ali	Ganganagar	Zaforgonj	Debidwar	Comilla	7	8
439	Md. Abul Kashim	Md. A. Hakim	Ganganagar	Zaforgonj	Debidwar	Comilla	6	6
440	Md. Somsue Member	Later Habiz Uddin	Ganganagar	Zaforgonj	Debidwar	Comilla	10	12
441	Md. Mintu Miah	Md. Mohammad Ali	Ganganagar	Zaforgonj	Debidwar	Comilla	5	6
442	Md. Malue Miah	Late. Badsha Miah	Ganganagar	Zaforgonj	Debidwar	Comilla	6	7
443	Md. Eunus Miah	Later Sabdar Ali	Ganganagar	Zaforgonj	Debidwar	Comilla	5	5
444	Md. Bachu Miah	Later Ohid Miah	Ganganagar	Zaforgonj	Debidwar	Comilla	7	9
445	Md. Abul Kalam	Late. Rongue Miah	Ganganagar	Zaforgonj	Debidwar	Comilla	11	12
446	Ms. Safia begum	Ha	Ganganagar	Zaforgonj	Debidwar	Comilla	3	4
447	Ms. Khadija begum	Ha. Md. Bachu Miah	Ganganagar	Zaforgonj	Debidwar	Comilla	10	12
448	Ms. Josna akter	Ha. Md. Oli Ullah	Ganganagar	Zaforgonj	Debidwar	Comilla	7	8
449	Ms. Rahila Akter	Ha. Md. Abul Kashim	Ganganagar	Zaforgonj	Debidwar	Comilla	5	6
450	Ms. Mina Akter	Ha. Md. A. Hakim	Ganganagar	Zaforgonj	Debidwar	Comilla	9	10
451	Ms. Rokia begum	Ha. Md. Shaha Jahan	Ganganagar	Zaforgonj	Debidwar	Comilla	5	7
452	Ms. Porosh Moni	Ha. Md. Mahabub Alam	Ganganagar	Zaforgonj	Debidwar	Comilla	5	6
453	Ms. Dalowara begum	Ha. Md. Farid Uddin	Ganganagar	Zaforgonj	Debidwar	Comilla	6	8
454	Ms. Shonia begum	Ha. Md. A. Kadir	Ganganagar	Zaforgonj	Debidwar	Comilla	11	12
455	Ms. Rehela Akter (II)	Ha. Abul Kashem	Ganganagar	Zaforgonj	Debidwar	Comilla	7	9
456	A. Barek	A. Ajiz	Aliabad	Zaforgonj	Debidwar	Comilla	6	8
457	Farid miah	Basat Ali	Aliabad	Zaforgonj	Debidwar	Comilla	4	5

458	Badsha miah	Siraj	Aliabad	Zaforgonj	Debidwar	Comilla	3	5
459	Nasu	Basat Ali	Aliabad	Zaforgonj	Debidwar	Comilla	6	7
460	Ear Ahmed	Razzab Ali	Aliabad	Zaforgonj	Debidwar	Comilla	10	11
461	A. Mojid	Omid Ali	Aliabad	Zaforgonj	Debidwar	Comilla	12	12
462	A. Hakim	Omid Ali	Aliabad	Zaforgonj	Debidwar	Comilla	12	12
463	Renu miah	Seru miah	Aliabad	Zaforgonj	Debidwar	Comilla	7	8
464	Benu miah	Tarab Ali	Aliabad	Zaforgonj	Debidwar	Comilla	5	6
465	Sadan Ali	Ashrab Ali	Aliabad	Zaforgonj	Debidwar	Comilla	11	12
466	Rusmat Ali	Akub Ali	Aliabad	Zaforgonj	Debidwar	Comilla	5	6
467	Buschu miah	Sujat Ali	Aliabad	Zaforgonj	Debidwar	Comilla	8	10
468	Charu miah	A. Ajiz	Aliabad	Zaforgonj	Debidwar	Comilla	6	8
469	A. Rashid	Babri miah	Aliabad	Zaforgonj	Debidwar	Comilla	4	4
470	Zalfu miah	Babri miah	Aliabad	Zaforgonj	Debidwar	Comilla	3	4
471	Ful miah	Babri miah	Aliabad	Zaforgonj	Debidwar	Comilla	10	12
472	Jabbar Ali	Jonab Ali	Aliabad	Zaforgonj	Debidwar	Comilla	5	6
473	Mongal Ali	Sadan Ali	Aliabad	Zaforgonj	Debidwar	Comilla	10	12
474	Rafique miah	Abu miah	Aliabad	Zaforgonj	Debidwar	Comilla	6	6
475	Ismail	Ebrahim	Aliabad	Zaforgonj	Debidwar	Comilla	11	12
476	Aktor Hossain	Jonab Ali	Aliabad	Zaforgonj	Debidwar	Comilla	8	10
477	A. Kader	Jonab Ali	Aliabad	Zaforgonj	Debidwar	Comilla	6	8
478	Rejia Begum	Sujat Ali	Aliabad	Zaforgonj	Debidwar	Comilla	9	10
479	Rafia Begum	Farid miah	Aliabad	Zaforgonj	Debidwar	Comilla	5	6
480	Anowara Begum	Charu miah	Aliabad	Zaforgonj	Debidwar	Comilla	6	8
481	Parul Akter	Moti miah	Aliabad	Zaforgonj	Debidwar	Comilla	6	7
482	Anowara	Pashid miah	Aliabad	Zaforgonj	Debidwar	Comilla	4	6
483	Ranuara	Reshat Ali	Aliabad	Zaforgonj	Debidwar	Comilla	5	6
484	Rokea Begum	Ajid miah	Aliabad	Zaforgonj	Debidwar	Comilla	10	12
485	Amena Khatun	A. Mojid	Aliabad	Zaforgonj	Debidwar	Comilla	10	12
486	Nourzahan	Zalal Mondol	Shaiber Purba Para	Jhaluka	Durgapur	Rajshahi	7	8
487	Abdul Aziz	Abdul Hamid	„	„	„	„	6,,	7.5,,
488	Renufa Begum	Alli	„	„	„	„	8,,	10,,
489	Shobhan Ali	Meher Ali	„	„	„	„	8,,	10,,
490	Feroza Begum	Zomsher	„	„	„	„	9,,	10.5,,
491	Mukul	Mozid	„	„	„	„	7,,	7.5,,
492	Shariful Islam	Mojibor	„	„	„	„	7,,	8,,
493	Ohab Ali	Shamad Ali	„	„	„	„	8,,	8.5,,
494	Safiqul Islam	Nizum	Shaiber Pachim Para	„	„	„	9,,	9.5
495	Taslem uddin	Shazahan	„	„	„	„	8,,	12,,
496	Abdul Motin	Nazem	„	„	„	„	8.5	9,,
497	Hosneara Begum	kuddus	„	„	„	„	9,,	10,,
498	Zonab Ali	Zobbar Ali	„	„	„	„	10,,	12,,

499	Shamoli	Monali	..	..	..	..	8,,	9,,
500	Ashrab Ali	Thear Ali	..	..	..	..	7,,	7.5,,
501	Manik	Badsha	..	..	..	..	8,,	9,,
502	Amzed Hassain	Abdus Samad	Now da shaiber	..	..	..	6,,	7,,
503	Haider Ali	Jomser	..	..	..	..	8,,	9,,
504	Mozahar Ali	Tara	..	..	..	..	8.5,,	9,,
505	Shamira Begum	Nur uddin	..	..	..	..	7,,	8,,
506	Eman Ali	Akkal ali	..	..	..	..	7.5,,	8,,
507	Islam	Sober Hossin	..	..	..	..	7,,	8,,
508	Shahadat Hossain	Samsul Hossin	..	..	..	..	6.5,,	7.5
509	Joynal Abedin	Sontous	..	..	..	..	6,,	6,,
510	Maleka Begum	Mojnu	..	..	..	..	8,,	9,,
511	Most.Shefali Begum	Allomgir	Chalkd hadush	Belpukur	Puthia	Rajshahi	8,,	8.5,,
512	Nadir Ali	Than ali	..	..	..	..	8,,	9,,
513	Rahela Begum	Manik Mia	..	..	..	..	7,,	7.5,,
514	Delwara Begum	Abdus Samad	..	..	..	..	8,,	9,,
515	Kulsum	Fojlu Hoque	..	..	..	..	6,,	8,,
516	shabana	Nur Ali	..	..	..	..	9,,	9.5,,
517	Shampa	Nannu	..	..	..	..	8,,	9,,
518	Mostafa ali	Bokkor Ali	..	..	..	..	10,,	11,,
519	Mozid	Zahidul	..	..	..	..	11,,	11.5,,
520	Anowara Begum	Shajadur	Satra gasa	..	..	..	10,,	11,,
521	Masud Rana	Amzad	..	..	..	..	10,,	10.5
522	Jashim uddin	Naymoddin	..	..	..	..	7,,	8,,
523	Khalatun	Lal chan	..	..	..	..	8,,	9,,
524	Laltun	Badsha	..	..	..	..	7,,	8,,
525	Akbar Ali	Shagor Ali	Boro dhad ush	Belpukur	..	..	8,,	9,,
526	Anggura Begum	Balal Sarker	..	..	..	..	10,,	11.5,,
527	Haiet Ali	Munzu	..	..	..	..	10,,	10.5,,
528	Tofazzal	Ronzu mia	..	..	..	..	8,,	9,,
529	Hasina Begum	Talal	Tara sh	..	..	..	6,,	7.5,,
530	Mehera Begum	Mannan	..	..	..	..	8,,	10,,
531	Shamema Begum	Saidul Haque	..	..	..	..	8,,	10,,
532	Uhoda box	Paran	..	..	..	..	9,,	10.5,,
533	Rojob Ali	Mehadi	..	..	..	..	7,,	7.5,,
534	Arman Ali	Alamgir	Chal kdha dus	Belpukur	..	..	7,,	8,,

535	Latifa Begum	Rayhan	„	„	„	„	8,,	8.5,,
536	Rozob Ali	Rahman	Shaiber purba Para	Jhaluka	Durgapur	„	9,,	9.5
537	Ashlam	Foyzulla	„	„	„	„	8,,	12,,
538	Ala Uddin	Nazrul	„	„	„	„	8.5	9,,
539	Ashraful	Mokshed	„	„	„	„	9,,	10,,
540	Alfaz	Azahar Ali	„	„	„	„	10,,	12,,
541	Enamul Huque	Nymea	„	„	„	„	8,,	9,,
542	Mohsin Ali	Munsur Ali	„	„	„	„	7,,	7.5,,
543	Laitu	Anish	„	„	„	„	8,,	9,,
544	Mofazzal Hossain	Monir Hossin	„	„	„	„	6,,	7,,
545	Ohab Ali	Zoynal Ali	Shaiber pachim Para	„	„	„	8,,	9,,
546	Shirina Begum	Abdur Rahman	„	„	„	„	8.5	9,,
547	Shamim	Saydur	„	„	„	„	7,,	9,,
548	Abul Kashid	Akmol	„	„	„	„	8,,	8.5,,
549	Abdur Rashid	Alauddin	„	„	„	„	7,,	8,,
550	Praymla Begum	Zaber Ali	„	„	„	„	6.5	7.5
551	Akram Ali	Nymuddin	„	„	„	„	6,,	6,,
552	Abdullah	Shahin	„	„	„	„	8,,	9,,
553	Golenoor Begum	Rabbani	Nowda Shaiber	„	„	„	8,,	8.5,,
554	Harsan Ali	Golam Kader	„	„	„	„	8,,	9,,
555	Muslim Begum	Nanna	„	„	„	„	7,,	7.5,,
556	Golum Mostafa	Nasim Ali	„	„	„	„	8,,	9,,
557	Hareh Ali	Saber Ali	Zoshopara	„	„	„	6,,	8,,
558	Omed Ali	Hannan	„	„	„	„	9,,	9.5,,
559	Shaheb Ali	Mozid Ali	„	„	„	„	8,,	9,,
560	Nehar Banu	Mozibor	Chalkhdush	Belpukur,	Puthia	„	10,,	11,,
561	Hosney Ara	Smsul	„	„	„	„	11,,	11.5,,
562	Nargish Begum	Hurmot	„	„	„	„	10,,	11,,
563	Altab Hassain	Tipu Hossin	„	„	„	„	10,,	10.5
564	Rowtion Ara	Abdul Kader	„	„	„	„	7,,	8,,
565	Munjur Ali	Thaje Uddin	„	„	„	„	8,,	9,,
566	Shema Begum	Samber	„	„	„	„	7,,	8,,
567	Abul Khafer	Akmul	Satragasa	„	„	„	8,,	9,,
568	Mukbul Hossain	Kamruzzaman	„	„	„	„	10,,	11.5,,
569	Zahanggir	Ather Ali	„	„	„	„	6.5	7.5

	Alam							
570	Naim Uddin	Jashim Uddin	„	„	„	„	6,,	6,,
571	Eddrish Ali	Razzak Ali	„	„	„	„	8,,	9,,
572	Zamal Uddin	Batern	„	„	„	„	8,,	8.5,,
573	Aftab Uddin	Firej Ali	„	„	„	„	8,,	9,,
574	Afaz Uddin	Tara Mia	Baro dhad ush	Belpukur	„	„	7,,	7.5,,
575	Ohaet box	Abdus Subhan	„	„	„	„	8,,	9,,
576	Razzak	Saidur Rahman	„	„	„	„	6,,	8,,
577	Babar Ali	Munzur Ali	„	„	„	„	9,,	9.5,,
578	Eliosh Iddin	Theran	„	„	„	„	8,,	9,,
579	Shayeda Bogum	Momin	Tara sh	„	„	„	10,,	10.5,,
580	Selina begum	Mofis Uddin	„	„	„	„	11,,	11,,
581	Jahanara	Saber Ali	„	„	„	„	10,,	10.5,,
582	Renu Begum	Thear uddin	„	„	„	„	10,,	10.5,,
583	Afzal Haque	Akmul Hossin	„	„	„	„	7,,	7.5,,
584	Golam Rabbani	Kawsar	„	„	„	„	8,,	9,,
585	Abdul Mozid	Kazam	Saiber Purba Para	Jhaluka	Durgapur	„	8,5	9,,
586	shaira Khatun	Sumsurl	„	„	„	„	7,,	9,,
587	Manik Sharke	Rofiqul	„	„	„	„	8,,	8.5,,
588	Bodor Uddin	Bazied Islam		„	„	„	7,,	8,,
589	Moriom Begum	Ziaur Rahman	„	„	„	„	6.5	7.5
590	Anowar Hossain	Mannan Sarker	Shaiber Pachim Para	„	„	„	6,,	6,,
591	Mozam Ali	Asser Uddin	„	„	„	„	8,,	9,,
592	Fultum	Abbas	„	„	„	„	8,,	8.5,,
593	Abdus Samad	Mokbul Hossin	„	„	„	„	8,,	9,,
594	Zahanger Alam	Kalachan	„	„	„	„	7,,	7.5,,
595	Shamez Ali	Dulal	Nowda Shahiber	„	„	„	8,,	9,,
596	Sorowar Hossain	Hannan	„	„	„	„	6,,	8,,
597	Eomuddin	Bulu	„	„	„	„	9,,	9.5,,
598	Mastafa	Sohid	„	„	„	„	8,,	9,,
599	Rahima Begum	Mokles Rahman	„	„	„	„	10,,	11,,
600	Hossain Ali	Thaer Alli	„	„	„	„	11,,	11.5,,
601	Shakima Begum	Sabbir Hossin	„	„	„	„	10,,	11,,
602	Noor Zahan Begum	Sobus	„	„	„	„	10,,	10,5

603	Alaton Begum	Lalu Mia	”	”	”	”	7,,	8,,
604	Ashrab ali	Hafiz ali	Zosho para	”	”	”	8,,	9,,
605	Hafiza khatun	Tayzul	”	”	”	”	8,,	9,,
606	Abduur Rashid	Zoshim	”	”	”	”	10,,	10.5,,
607	Asir Uddin	Kybor	”	”	”	”	11,,	11,,
608	Sharifa Uddin	Sofiqul Islam	”	”	”	”	10,,	10.5,,
609	Ashrab Ali	Mokles Ali	”	”	”	”	10,,	10.5,,
610	Anarul Islam	Tobibor	Shaiber purba Para	”	”	”	7,,	7.5,,
611	Bissad Ali	Forid Ali	”	”	”	”	8,,	9,,
612	Rekha Begum	Zakir	”	”	”	”	8,5	9,,
613	Mokbul Hossin	Rashid	Saiber pachim Para	”	”	”	7,,	9,,
614	Rozina Begum	Tala Mamud	”	”	”	”	8,,	8.5,,
615	Hobibar Rahman	Eddriss	”	”	”	”	7,,	8,,
616	Omor Ali	Emran Ali	Nowda Shaiber	”	”	”	6.5	7.5
617	Sumtul Haque	Affaz	”	”	”	”	6,,	6,,
618	Giash Uddin	Babor	”	”	”	”	8,,	9,,
619	Rashiba Begum	Samand	”	”	”	”	8,,	8.5,,
620	Mosiur Rahman	Gorur Badsha	”	”	”	”	8,,	9,,
621	Paruin Akther	Mofazzal	”	”	”	”	7,,	7.5,,
622	Mohsin Ali	Ther Ali	”	”	”	”	8,,	9,,
623	Shahazahan Ali	Giash	”	”	”	”	10,,	10.5,,
624	Mozibar Rahman	Sosul	Zosha para	”	”	”	11,,	11,,
625	Rashida Begum	Nader	”	”	”	”	10,,	10.5,,
626	Siddikur Rahman	Forid Uddin	”	”	”	”	10,,	10.5,,
627	Mohsin Ali	Taylal	”	”	”	”	7,,	7.5,,
628	Mozam	Simul	”	”	”	”	8,,	9,,
629	Shahabur	Zalal	”	”	”	”	8,5	9,,
630	Shahina Begum	Fokrul	”	”	”	”	7,,	9,,
631	Eakram Ali	Rofiqul	”	”	”	”	8,,	8.5,,
632	Zeher Ali	Faruq	”	”	”	”	7,,	8,,
633	Latifa Begum	Roshidul	”	”	”	”	6.5	7.5
634	Nurulhuda	Muktar	”	”	”	”	6,,	6,,

635	Zamvien Begum	Vuttu	Chalk dhadush	Belpukur	Puthia	„	8,,	9,,
636	Nargish	Affal uddin	„	„	„	„	8,,	8.5,,
637	Saidur	Samim	„	„	„	„	8,,	9,,
638	Howa	Sabbir	„	„	„	„	7,,	7.5,,
639	Rezaul	Tarick	„	„	„	„	10,,	10.5,,
640	Arman	Golam Mia	„	„	„	„	7,,	7.5,,
641	Mannan	Osman	„	„	„	„	8,,	9,,
642	Mabiea	Palas	Satragasa	„	„	„	8.5	9,,
643	Sabina	Sumsul Haque	„	„	„	„	7,,	9,,
644	Anggura	Shahed Ali	„	„	„	„	8,,	8.5,,
645	Sheuli	Ohab ali	„	„	„	„	7,,	8,,
646	Showagi	Moklis	„	„	„	„	6.5	7.5
647	Panna	Fokir Maker	„	„	„	„	8.5	9,,
648	Rahima	AlalUddin	„	„	„	„	7,,	9,,
649	Saed Ali	Sabbier	„	„	„	„	8,,	8.5,,
650	SumsuJoha	Dalwur	„	„	„	„	7,,	8,,
651	Srowar	Salim Hossin	„	„	„	„	6.5	7.5
652	Masud	Shaidur	„	„	„	„	6,,	6,,
653	Amir	Firoz	„	„	„	„	8,,	9,,
654	Kahinoor	Thaer Ali	„	„	„	„	8,,	8.5,,
655	Peara Bibe	Gama	Barodhadush	„	„	„	8,,	9,,
656	Amaton	Alauddin	„	„	„	„	7,,	8,,
657	Mozaher Ali	Afsar Ali	„	„	„	„	6.5	7.5
658	Rabea Begum	Mofijur	„	„	„	„	8.5	9,,
659	Rajob	Mozamall	„	„	„	„	7,,	9,,
660	Jahura	Nokib	Borodhadush	„	„	„	8,,	8.5,,
661	Selim	Therar	„	„	„	„	7,,	8,,
662	Rabeya	Safikul	„	„	„	„	6.5	7.5
663	Shabana	Badsha	„	„	„	„	6,,	6,,
664	Islam	Babu	„	„	„	„	8,,	9,,
665	Zaheda Begum	shadot	„	„	„	„	8,,	8.5,,
666	Mozina	Roffiq	„	„	„	„	7,,	8,,
667	Shafiqul	Mohammod	„	„	„	„	6.5	7.5
668	Munjura	Abbas	„	„	„	„	8.5	9,,

669	Arzina	Azibor	”	”	”	”	7,,	9,,
670	Nazrul	Imram Ali	”	”	”	”	8,,	8.5,,
671	Jahena	Nozrul Islam	Tara sh	”	”	”	7,,	8,,
672	Ruma	Shamim	”	”	”	”	6.5	7.5
673	Tohra	Palas	”	”	”	”	6,,	6,,
674	Amenjun	Talal Uddin	”	”	”	”	8,,	9,,
675	Nehaebanu	Jomsher	”	”	”	”	8,,	8.5,,
676	Oliuddin	Abdul Haque	”	”	”	”	7,,	7.5,,
677	Rubel	Sumsul	”	”	”	”	8,,	9,,
678	Mamun	Robiul Islam	”	”	”	”	10,,	10.5,,
679	Delwar	Saidur Rahman	”	”	”	”	11,,	11,,
680	Badiuzzam an	Sakout Hossin an	”	”	”	”	10,,	10.5,,
681	Liton	Rafiqul	”	”	”	”	10,,	10.5,,
682	Mahatub	Rahmand	”	”	”	”	7,,	7.5,,
683	Ali Hassain	Faruqe	”	”	”	”	8,,	9,,
684	Nowshad Ali	Mahmud	”	”	”	”	8.5	9,,
685	Samad	Amzeed	”	”	”	”	7,,	9,,