



Training Report on

Management Agricultural Machineries

(For Water Management Groups)

Patuakhali Zone under Blue Gold Program



February 2016

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Acknowledgement

External Training Team of Blue Gold was assigned to implement Training Course on "Management of Agricultural Machineries" to the WMG members and others who are involved in managing the Agricultural Machineries. It was 2 days training courses in separate 2 parts including 2 follow up of the WMGs. As per the contract the assignments was started in January 2015 and suppose to complete by June 2015 but could not due to field situation. The contract has been extend up to September 30, 2015 and within this period our team has been completed all the training and follow up activities within the stipulated time.

Undoubtedly it is a challenging task for the external training team to conceptualize the whole issues of MAM training for Water Management Groups. Due to high commitment of our training team members and excellent cooperation and assistance from the Blue Gold officials the task is completed effectively within the time frame. We are acknowledging their assistance & cooperation and extend our sincere thanks to all Blue Gold officials.

Our sincere thanks to Blue Gold management who gave this wonderful opportunity to work as team partner and through this process our team learned a lot.

Gopinath Saha
Training Coordinator

1. Introduction

The essence of Blue Gold is to establish and empower water management organizations (WMOs) to sustainably manage their water resources and to make these resources more productive. The Program aims to create strong cooperatives that will interact with public and private organizations that play a role in the development of the area. Participatory water resources management is the entry point and the initial driver of the community organization process. The explicit objective of Blue Gold is to reduce poverty of the people in the coastal areas by enhanced productivity of crops, fisheries and livestock and increasing incomes by improved processing and marketing of agricultural products including value chain development.



While independently of Blue Gold, FAO implemented its “Enhancing Food Security through improved crop water management practices in the Southern Coastal areas of Bangladesh’ Project (GCP/BGD/050/NET) project. This included the delivery of mechanization packages to 137 WMG throughout the Blue Gold area. The package included two power tillers, one power thresher, and two Low Lift Pumps to introduce mechanization and to increase irrigated areas. It was the intention that each WMG would form a committee to operate and manage the agricultural

machineries as a business and be trained for that purpose. This training although never was implemented and WMG managements or individuals amongst them made all kinds of informal arrangements to the best of their ability and knowledge. This situation is sub-optimal in terms of the management of common assets and member service provision.

To address above situation Blue Gold Program drafted a preliminary training curriculum “Management of Agricultural Machineries” and piloted it with two WMG. The curriculum addresses a correct understanding of the ownership of the machinery, a proper understanding of the alternatives to arrange a mechanisation service for its members, and the way to manage this along with its bookkeeping requirements. As part of the training, a set of basic record keeping documents/formats are included. After piloted this curriculum we as external training team finalized the module and conducted training.

2. Objective of Training

The objective of the training programme is to create awareness amongst the WMG members of their machinery asset holding, the options available to them to organise a mechanisation service to the WMG members, and to properly manage it for the longer term.

The Specific objective of the Training

- a. Develop ownership of the FAO Machinery and potential benefits to the WMG;
- b. Improve financial management concepts for improved understanding of the options available to the WMG management;
- c. Develop awareness on the BWDB regulations and treatment of profit according to tri-lateral-agreement;

- d. Improve awareness to identify the options to establish a Mechanisation Service, and application of the above concepts;
- e. Identify advantages and disadvantages of both options;
- f. Develop knowledge and understanding on the management control and record keeping for the chosen option.

3. Training Modules/Sessions:

As the Training course divided into two parts, two separate module or session guide-lines were prepared. The first part is mainly to create awareness among the WMG members towards ownership and benefit of the Agri-Machinery, The Advantages and disadvantages of several options to operate the machineries such as a) management by the WMG, or b) renting the equipment out of private sector operator. Different issues of financial management related to operate the machineries etc.



In the second part the specific management and bookkeeping requirements of the chosen option were included and practiced with the Management of the WMG to manage the Mechanisation Service. The bookkeeping practice would make use of the envisaged bookkeeping documents, the system of which will be provided. The detailed contents of these two modules are given below:

3.1. Part-1 (Awareness Building)

The first part of the curriculum comprised of 08 sessions and each session designed for half an hour to 1.30 hours. In each training session have numbers of sub-contents considering the needs: The detailed are stated below:

Session 1: Training opening and Overview

- Opening of training course
- Participants Expectation
- Objectives and agenda of training
- Detailed Training Program
- Setting training Norms

Session 2: Introduction of the Agri machineries provided by FAO

- The objective for providing the Agri machineries by FAO
- The Advantages of these machineries
- Participants Expectation about the Agri machineries

Session 3: Ownership of the FAO Machinery and potential benefits for group business to the WMG

- Ownership of the farm machineries and its management
- Benefits of this machineries
- Introduction of business
- Potential uses of this machineries in group business

Session 4: Concept of Financial Management to Operate Business by the Farm Machineries

- Concept of Income, Expenditure/Expense and Total Profit
- Concept and Importance of Depreciation Cost and Net Profit

Session 5: Different option to Manage the Farm Machineries by WMGs

- Present Situation of these Farm Machineries
- The System (option) of Farm machineries Operation

Session 6: The Advantages and Disadvantages of Different Option to operate the Farm Machineries and Benefits of getting Registration to operate group business

- The Advantages and Disadvantages of Farm Machineries Operated by WMGs
- The Advantages and Disadvantages of Renting Out System of Farm Machineries
- Management Crisis and control
- The rationality of Amendment of Tri-lateral Agreement
- The Benefits of getting registration from BWDB to run group business

Session 7: Course Evaluation and Closing of the Day

- Course review
- Course evaluation
- Closing

3.2. Part-2 (Management and Record Keeping)

Total 08 sessions included in the second part module of this Training and these are:

Session 1: Training opening and Overview

- Opening of training course
- Participants Expectation
- Objectives and agenda of training
- Detailed Training Program
- Setting training Norms

Session 2: The concept and Importance of necessary Ledger related to operate the farm Machineries

- Importance of Keeping Records of different Books/Register to operate WMG
- The process of Decision Making and record in resolution book regarding Farm machineries
- Introduction and concept of different Ledger/register to maintain accounts

Session 3: Concept of Accounts and its importance

- Concept of Accounts and the importance of Accounts Keeping
- Registers required for Accounts Keeping

Session 4: Stock Register and Depreciation Ledger

- Stock Register and the Process of Keeping records of resources of WMG
- Concept of Depreciation Cost and the Process of Calculation of depreciation cost
- Practice of Stock and Depreciation register

Session 5: The business operated by using Farm Machineries and Accounts Keeping of the Business

- The idea of different possible business by farm machineries
- The process of planning business by farm machineries
- Process of accounts keeping of business

Session 6: Record Keeping of Income and Expenditure

- The process of record keeping of income and expenditure of business
- Practice of posting records in Money Receipt and Daily Income Expenditure Register

Session 7: Concept of Cash Book and General Ledger

- Introduction and importance of Cash Book and General Ledger
- Practice of posting records in Cash Book and Ledger Book

Session 8: Course Evaluation and Closing of the Day

- Course review
- Course evaluation
- Closing

4. Training Methodologies

Various training methods were used in conducting the training to make it participatory and interesting. These methods are mentioned as follows:



- Plenary Discussion
- Follow up visit
- On the Job Training & Coaching

- Group Dynamics Exercise
- Group Exercise
- Role-playing
- Brainstorming
- Demonstration
- Debate
- Colloquium
- Experience Sharing
- Lecture discussion
- Game
- Question & Answer

5. Training Duration

Each part of the training was for one day with 07 sessions. In each day training was started at around 09.00 AM to 09.30 AM and ended at 05.00 PM. The Training Agenda of both part of training is attached herewith as annex-1 and 1.2

6. Trainers/Resource Persons

The training course was designed by the Blue Gold Program and based on the training module the outsourced training team (we) prepared training materials and conducted training sessions. In Each course 2 experience trainers were involved in organizing and conducting training sessions. Following training members were conducted MAM training course in Patuakhali on different date:

- I. Shahidul Islam
- II. Mobarak Hossain
- III. Tapan Kumar shil
- IV. RehanaParvin Baby
- V. Kamona Roy
- VI. Nazmul Hossain
- VII. Suvas Datta
- VIII. Mossaddek Hosain
- IX. Muslima Arfin Lima



The Zonal Socio Economists, Training Coordinators, Business Development Coordinators, Community Organizers also presented in the training courses and were assisted in clarifying project related issues in the training sessions in different time which makes the training more effective and interesting.

The Blue Gold Training Coordinator and related component staff were also evaluated trainers performance and provided feedback to the outsourced training team members for further improvement.

7. Participants of the Training:



The Course targeted 89 WMGs of Six Polders (Polder-43/2A, 2B, 2D, 2E of Patuakhali Districts and 2F and 1A of Barguna District in Patuakhali zone who got Agricultural Machineries from FAO (at least one Power Tiller, Pump and Thresher). Part-1 course designed for one WMG with 30 Participants and Part-2 consist 2 WMGs with 20 members. The Participants List were prepared by Component-1 Team and collected through BG Training Coordinators. The trainees were selected based on the following criteria:

Part-1:

01. Executive Members of WMG:	12
02. Potential Leaders:	05
03. FFS members:	02
04. MFS members:	02
05. Power Tiller Operator:	02
06. General Member:	07
Total	30

Part-2: Initially Part-2 training designed for 34 members (from each WMG 17) but after 12 Batches completion number of participants reduced to 20 (from each WMG 10 members) to make the course more effective as the part-2 is more practical oriented than part-1. The selection procedures of participants of part-2 were:

01. President of the WMG	01
02. Secretary of the WMG	01
03. Cashier of the WMG	01
04. Power Tiller Operator	01
05. Members of the WMG	06
Total	10

8. Accomplishment of the Training:

The Training started in the month of February 2016 at polder 43/2D of part-1 course with Dakshin Morich Bunia WMG and ended in the month of October'2016 of Follow-up-2 with Gol Banshbunia and Mushorikathi WMG at polder-43/2B. The targeted all the 89 WMGs participated in the part-1, part-2 training and Followup-1 but only 2 WMG namely Paschim Titkata of poder-43/2A and Mushorikathi of polder-43/2B did not participated in the Followup-2 as any members of these two WMGs were not available on the scheduled date.



Around 2531 WMGs members participated in part-1 where about 67 percent male and 33 percent were female members of 89 WMGs. On the other hand in 43 batches of part-2 training total 986 members took part among them 71% male and 29% were female. The total registered number of participants of the Training courses is attached as annex-2.

9. Major findings of the Follow-up:

The Trainers undertook two follow-up visits to each of the WMG after second part course completion on prior fixed date in order to monitor proper bookkeeping and to provide on-the-job training at the same time to assess the performance of the WMG members over book keeping. In the follow-up a format (provide by Blue Gold which is appended herewith as annex-3) was filled up by the trainers on machineries management and book keeping system of WMGs. In first follow-up trainers provide hands on training to the WMG members and gave some recommendation based on the findings and performance and after couple of weeks the same trainers (most of the cases) visited the same WMG to monitor and evaluate the performance of the participants of training. The findings of the two follow-up are given bellow:

9.1. Mode of Operation of the machineries:

Total 89 WMGs of six polders of Patuakhali zone got all 3 types of Agri machineries i.e. Power Tiller, Pump and Threshers and all the WMG operated these machineries either by themselves or leased out except 5 WMG as the newly elected executive committee of this WMG did not receive any machineries or receive totally damaged machineries as a result they did not make any plan to operate of this machineries and these are:

SL no.	Name of WMG	Polder	Remarks
01	Keshobpur	43/2D	They received totally damaged machineries from the ex-committee
02	Bazarkhali	43/2F	The ex-committee didn't handed over to new committee
03	Paschim Shakharia	43/2A	The ex-committee didn't handed over to new committee
04	Purbo Shakharia	43/2A	The ex-committee didn't handed over to new committee
05	Purbo Chunakhali	43/2A	The ex-committee didn't handed over to new committee

Table-1: shows name of WMGs who had problem regarding machineries

On the other hand rest of the 84 WMG used Power Tiller, 53 WMG operated the power pump either by them or leased out system. But 73 WMG could not use the Threshers as these are not fit for threshing paddy, only 11 WMGs somehow managed the threshers in alternative way. The following table is showing the number of WMGs regarding the mode of operation.

Machineries	Number of WMGs					Remarks
	by WMGs	leased out	Both option	Not Used	Total	
Power Tiller	05	77	02	05	89	
Irrigation Pump	05	48	00	36	89	
Threshers	01	10	00	78	89	

Table-2: Shows the number of WMG's preference to a specific management system

9.1.1. Operated by WMGs:

Only 9 WMGs operated either Tiller or Pump or both by themselves because of complexity of process and required maximum time involvement of the members. Among them 4 WMGs operated both tiller and pump, 3 WMGs only Power Tiller, One WMG pump and one WMG run out only thresher by themselves. Around 78% WMGs did not formed sub-committee or prepared farmers list whereas same percentage of WMGs i.e. 7 out of 9 WMGs calculated gross profit and only 2 WMGs could not provide any legal document about profit amount. The list of WMGs who operated these machineries by themselves is given below:

Sl. No.	Name of WMGs	Polder	Type of Machineries	Formation of sub committee	farmers list preparation	Profit calculation (Taka)
01	Tafal Baria	43/2D	Two Power tiller	No	No	39100
02	Paschim Pancha Kuralia	43/2D	One Power Tiller	No	No	7523
03	Bara Aouliapur Uttar	43/2D	One Thresher	No	No	7600
04	Purba Gerakhali Uttar	43/2D	One Power Tiller	No	No	00
05	Dakshin Bighai Dakshin	43/2A	Power Tiller and Pump	Yes	Yes	81,154
06	Mativanga Choto Bighai	43/2A	one power tiller and one Pump	yes	yes	5500
07	Tushkhali	43/2A	2 Tiller and 1 pump	No	No	18000
08	Dakshin Angulkata	43/2F	Tiller and Pump	No	No	00
09	Uttar Khekuani	43/2F	only pump	No	No	3000

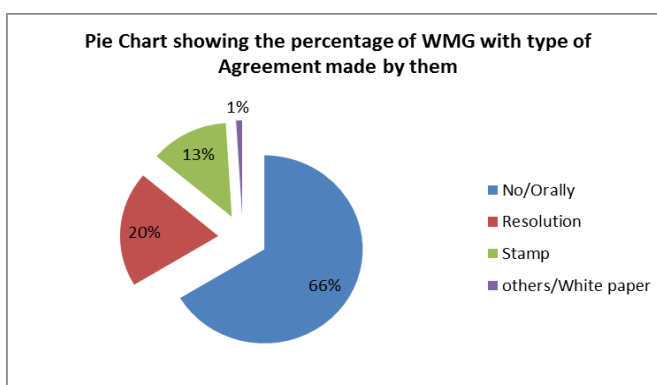
Table-3: Shows the name of WMG who their farm machineries by themselves

9.1.2. Leased Out System:

Most of the WMG preferred leased out system to operate their machineries as it is easy to manage and required less time. The detailed description of the process is given below machinery wise:

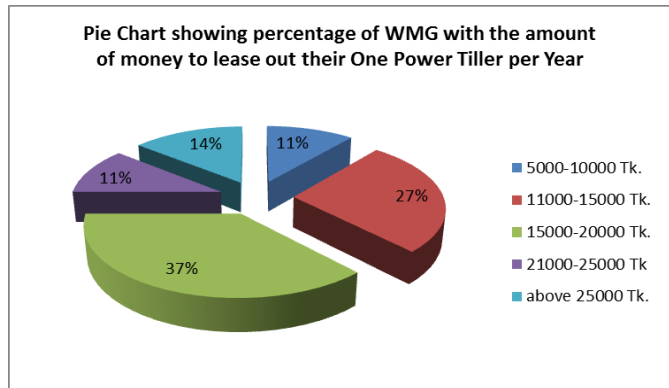
Power Tiller:

Total 79 WMG rented out their Power Tiller including 2 WMG who also operated one power tiller by themselves and one leased



out. But their management process is very poor as maximum WMG around 67% did not make any legal agreement with the lessee or even make any resolution that means they did not follow the right process while 20 percent (16 out of 79) gave this power tiller through Resolution and 13 percent (i.e. 10 out of 79) WMG made agreement on stamp paper and 1 WMG on white paper.

On the other hand WMGs leased each power tiller for 1 season to 5 year at rate of 5000 Tk. to 60000 Tk. Maximum number of WMGs about 37% of the 79 WMGs rented out one power tiller at rate of 15000 taka to 20000 taka per year then 11% WMG at 21000 tk. to 25000 tk., and 14% WMGs at rented out at above 25000 Tk. Rest 27% and 11% leased each tiller at a rate of 11000 to 15000 Tk. and 5000 to 10000 Tk. for one year.

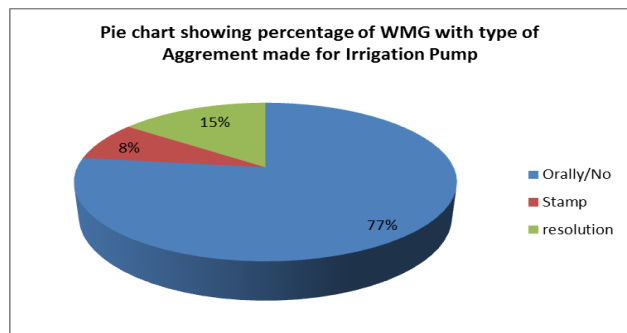


Threshers:

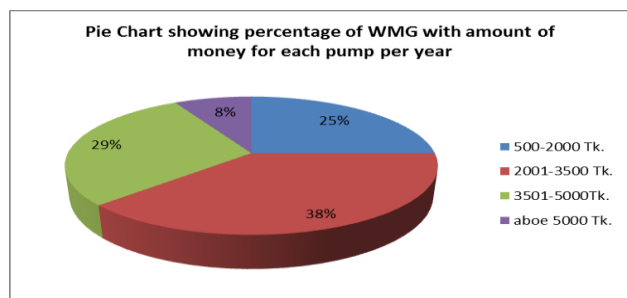
Threshers provided by FAO are not fit for paddy threshers as a result WMG could not use this machine but only 10 WMGs leased out this machine last year and earned a reasonable amount but again 90 % percent made agreement verbally with the lessee and the lease amount range from 2500 Tk. to 10000 Tk.

Irrigation Pump:

Again most of the WMG did not follow the right process for leasing out the pump as 77% of the 48 WMG gave the pump to the renter without any legal document. Only 8% made an agreement on stamp paper and 15% WMGs have only resolution.



On the other hand rate of the lease amount vary from WMG to WMGs as 38 percent rented out at 2000 to 35000 Tk. while more or less quarter percentage of WMG made a contact at the rate of bellow 2000 Tk or at 3500 to 5000 Tk. Very few WMG around 8% could make agreement at the rate above 5000 taka for each pump in year.



9.2. Performance of WMGs over Record Keeping:

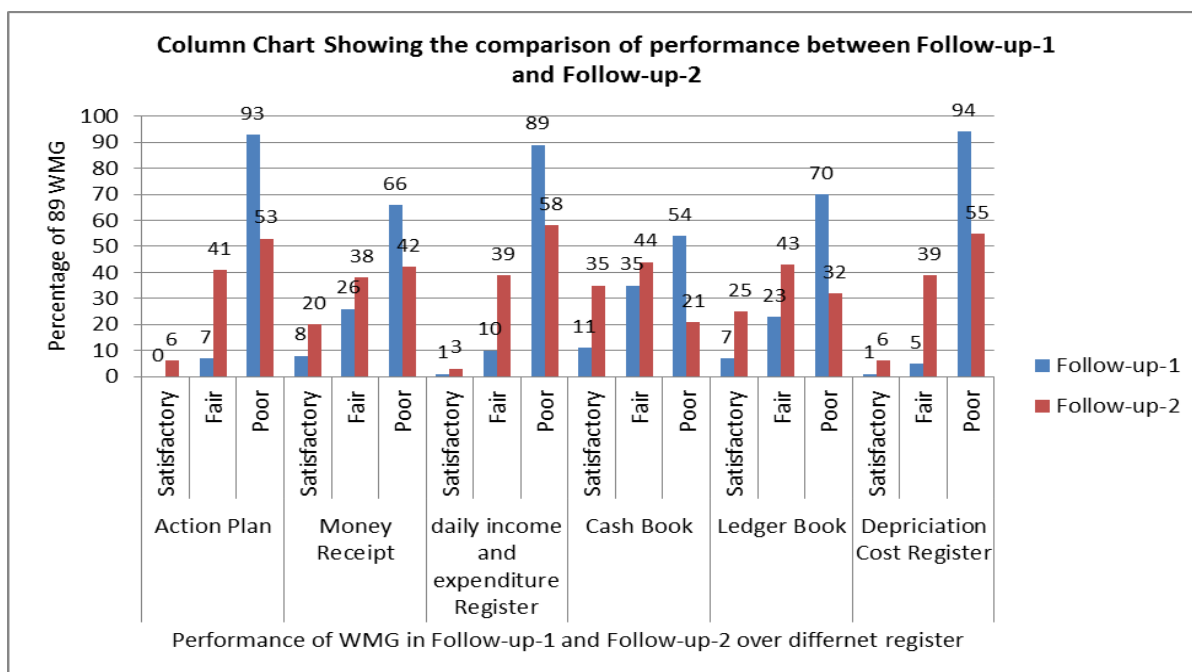
The Trainers also evaluated the performance of the WMGs regarding their book keeping. For that reason a sample book was provided to WMGs after the second part training course completion. The sample book contained different formats those were needed for the WMGs and discussed in the second day of the training. In the follow-up visit trainers evaluated the performance of the members of WMGs on the basis of the accuracy to posting the data in the several books such as “Action Plan”, “Money Receipt”, “Daily Income Expenditure Register”, “Cash Book”, “Ledger Book” and “Depreciation Cost Register”. On the basis of the performance WMGs were ranked in terms of Satisfactory (point 3), Fair (point 2) and Poor (1). The result of follow-up-1 and 2 are given below:

9.2.1. Preparation of Action Plan:

Around 93% of the WMG showed poor performance over this particular register and rest of the 7% had relatively fair performance but in follow-up-2 their skill relatively improved as 41% performed fair but still half of the WMG had poor performance. This is because of almost 90% WMG leased out their machineries and they did not required to prepare Action plan or any farmers list. As a result they do not fill interest about this register.

9.2.2. Money Receipt:

In case of money receipt largest proportion of the WMG i.e. 66 percent showed poor performance in follow-up-1 but in follow-up the percentage decrease to 42% that means their performance improved and fair performance increased from 26 to 38% and around 20% WMG’s performance



were satisfactory. It is noted that maximum WMG used money receipt only for savings collection from the members but in others transaction they did not use this money receipt. That’s why in follow-up visit they are advised to use money receipt in every cash transaction.

9.2.3. Daily Income expenditure Register:

Again this register is not applicable for those WMG who rent out their machineries but the trainers gave hands on training on this register because if any WMG switch their option to operate their farm machineries by themselves. And most of the WMG around 90% had poor performance in follow-up-1 but during Follow-up-2 visit it was found that 39% WMG performed relatively fair.

9.2.4. Cash Book:

Just fewer than 50% of the WMG showed satisfactory (11%) and fair (35%) performance in maintaining cash book in the follow-up-1 while it was increased to 35% and 44% WMG had satisfactory and fair respectively during follow-up-2 visit. While the poor performance decreased to 21 % from 54% in follow-up-2 from follow-up-1.

9.2.5. Ledger Book:

When comes to the keeping ledger book, almost two third WMGs performance not up to the mark during first follow-up visit while 23% and only 7% WMG's performance were fair and adequate correspondingly. On the other hand in the second visit it was found that nearly two third WMG's performance were remarkably change to satisfactory(25%) and up to the mark (43%). But still 32 % WMGs showed relatively poor performance.

9.2.6. Depreciation Cost Register:

During the visit it was identified that any WMG could not calculated the depreciation cost for the farm machineries as maximum WMG (75%) rented out the power tiller bellow 20000 Tk. per year which was the estimated depreciation cost of a power tiller per year but a significant proportion of the WMG know how to calculate it. As a result almost all the WMGs (94%) found low performance regarding this register in the first follow-up and they were recommended to give special attention about this matter. However in follow-up-2, their performance improved when they practiced to fill up the formats and 39% and 6% WMGs found in category 2 (i.e. fair) and 1 (satisfactory) while it was only 5% and 1% respectively during the first visit.

10. Training Evaluation

At the end of 2 days training course the participants assessed training contents, methodologies used, presentation skills of facilitators, training materials and training facilities and equipment's. Through the simple "MOOD METER" this training course was evaluated by the participants. A poster of that tool is usually hanged to the other room or where participants feel free to tick on the appropriate places independently and confidentially. After that the trainers collected that evaluation result/Mood Meter. According to their assessment 75% participants commented "very good", 20% participants commented fair on the above areas. 5% participants of the participants reflected (ticked) on training facilities in the fare column. Through discussion the trainers were collected the reaction of the participants and took necessary measures for improvement training program. A sample of Mood Meter Tool is appended with this report (Annex-D).

11. Overall Observation and Recommendation

The completion of the training was real challenge as it is very technical one especially the part-2 module because it includes all the account keeping related topics. There are several findings came out during the training period which may come in handy in future to strengthen the WMG about the Management of these agricultural machineries and these are:

1. Several times members of the WMG argued for simple book keeping system and little number of books as the present system they have to maintain 8 to 10 Books which require too much time but all the members involves voluntary in the WMG activities. So if it is possible, make it easy and cut the number of registers.
2. As most of the WMG leased out their farm machineries without any legal agreement it may create problem in keeping transparency of the accounts of the WMG so especial attention should be taken for those WMG.
3. Again maximum WMG did not follow the proper rules of leased out system as a result they get less leased amount from the lessee. Proper initiatives should be taken for those WMG for open bidding.
4. Practically all the WMG could not use the Threshers because these are inappropriate for paddy threshing that's why other alternative solution should be find out to manage these threshers otherwise it will become damage day by day.
5. Those 5 WMGs could not receive any farm machineries from the ex-committee, should be resolved immediately otherwise this conflict demotivated the general members what impacts will be negative.
6. A continuous follow-up and on the job training/coaching should be continued to develop required skills and confidence for WMG members for maintaining the book keeping systems.

12. Conclusion:

Most of the time especially at end of the course the participants expressed that the training course should be organized at the very beginning when they got these machineries then the misuse or mismanagement could be avoided. Although they conveyed their gratitude to Blue Gold program authority to arrange such type of course which sure help them to keep the accounts transparent and better management of these farm machineries.

Registered Participants

Sl. No.	Name of WMG	Polder	Content of Training								Remarks
			Operational (P-1)				Book keeping (P-2)				
			Date	Male	Female	Total	Date	Male	Female	Total	
1	Daksin Morichbunia	43/2D	12.02.15	20	10	30	15.02.15	13	4	17	
2	Uttar Bazarghona	43/2D	11.02.15	19	11	30	15.02.15	10	5	15	
3	Barunbaria	43/2D	24.02.15	20	10	30	31.03.15	12	4	16	
4	Patukhali WMG	43/2D	10.03.15	18	8	26	01.04.15	8	4	12	
5	Dakshin Bazarghona	43/2D	11.03.15	17	6	23	01.04.15	11	4	15	
6	Tafalbaria	43/2D	12.03.15	24	5	29	31.03.15	12	3	15	
7	Purbo PanchaKuralia	43/2D	08.04.15	20	6	26	22.04.15	12	4	16	
8	Poschim PanchaKurali	43/2D	07.04.15	22	8	30	22.04.15	11	4	15	
9	Choto Aouliapur Dakshin	43/2D	09.04.15	17	11	28	23.04.15	9	4	13	
10	Baro Aouliapur Purbo	43/2D	12.04.15	18	11	29	23.04.15	10	5	15	
11	Baro Aouliapur Uttar	43/2D	13.04.15	22	8	30	27.04.15	14	3	17	
12	Kesobpur	43/2D	15.04.15	19	9	28	27.04.15	13	4	17	
13	Poschim Sharikkhali	43/2D	16.04.15	16	13	29	28.04.15	8	5	13	
14	Ballavpur	43/2D	19.04.15	19	10	29	28.04.15	13	4	17	
15	Abad haziKhali	43/2D	15.03.15	11	13	24	11.05.15	8	4	12	
16	Dakshin Hazikhali	43/2D	16.03.15	14	13	27	11.04.15	10	5	15	
17	Purbo Garakhali Uttar	43/2D	06.04.15	14	16	30	12.05.15	9	6	15	
18	Pakshia	43/2D	05.04.15	14	14	28	12.05.15	9	8	17	
19	Purba Matibhanga	43/2A	17.05.15	19	8	27	08.06.15	12	5	17	
20	Maddha Matibhanga	43/2A	18.05.15	24	6	30	08.06.15	12	5	17	
21	Matherbunia Nandipara	43/2A	19.05.15	19	9	28	09.06.15	11	5	16	
22	Bhajna	43/2A	20.05.15	23	6	29	09.06.15	12	4	16	
23	Dakshin Bighai Dakshin	43/2A	28.05.15	22	8	30	10.06.15	11	5	16	
24	Paschim Bara Bighai	43/2A	27.05.15	15	12	27	14.06.15	6	1	7	
25	Paschim Titkata	43/2A	01.06.15	20	6	26	10.06.15	11	3	14	
26	Patukhali	43/2A	02.06.15	22	5	27	14.06.15	7	3	10	
27	Purba Kewabania	43/2A	04.06.15	22	8	30	14.06.15	4	1	5	
28	Paschim Chhota Bighai	43/2A	07.06.15	24	6	30	21.06.15	9	1	10	
29	Matibhanga Chot Bighai	43/2A	14.05.15	17	6	23	21.06.15	8	1	9	
30	Kumarkhali	43/2A	24.05.15	22	7	29	22.06.15	9	1	10	
31	Tushkhali	43/2A	26.05.15	24	5	29	22.06.05	6	2	8	

32	Dakshin Angulkata	43/2F	08.04.15	12	14	26	20.08.15	7	3	10
33	Uttar Khekuani	43/2F	09.04.15	16	13	29	20.08.15	8	2	10
34	Fakirkhali Gozkhali	43/2F	12.04.15	16	11	27	23.08.15	6	3	9
35	Madhaya Dalachara	43/2F	13.04.15	20	8	28	23.08.15	6	3	9
36	Uttar Gozkhali	43/2F	20.04.15	18	12	30	24.08.15	8	2	10
37	Bazarkhali	43/2F	21.04.15	24	6	30	30.08.15	7	3	10
38	Dakshin Purbo Kalibari	43/2F	22.04.15	19	8	27	25.08.15	6	4	10
39	Dakshin Dalachara	43/2F	27.04.15	17	11	28	25.08.15	5	3	8
40	Uttar Angul Kata	43/2F	28.04.15	25	5	30	24.08.15	8	1	9
41	Dakshin Gulishakhali	43/2F	29.04.15	15	12	27	26.08.15	5	5	10
42	Madhaya Gulishakhali	43/2F	14.05.15	21	9	30	26.08.15	8	2	10
43	Dakshin Haridrbaria	43/2F	13.05.15	19	8	27	30.08.15	4	2	6
44	Purbo Gulishakhali	43/2F	12.05.15	16	14	30	01.09.15	7	3	10
45	Poschim Kalagachia	43/2F	17.05.15	18	11	29	01.09.15	6	4	10
46	Uttar Haridrbaria	43/2F	02.09.15	16	12	28	06.09.15	5	5	10
47	Uttar Gulishakhali	43/2F	03.09.15	16	13	29	06.09.15	7	3	10
48	Dakshin Sehakati Dakshin	43/2E	30.07.15	20	9	29	22.08.15	7	3	10
49	Katura Taluk	43/2E	01.08.15	22	8	30	22.08.05	10	0	10
50	Char Jainkati Paschim	43/2E	02.08.15	19	10	29	20.08.15	8	2	10
51	Purbo Jainkati Paschim	43/2E	03.08.15	21	8	29	20.08.15	9	1	10
52	Paschim Sakharia	43/1A	29.07.15	16	13	29	16.08.15	6	4	10
53	Purbo Sakharia	43/1A	02.08.15	17	13	30	16.08.15	7	3	10
54	Purbo Kewabunia	43/1A	04.06.15	22	8	30	20.08.15	2	7	9
55	Purbo Chunakhali	43/1A	03.08.15	18	11	29	18.08.15	6	4	10
56	Khagdon	43/1A	04.08.15	20	10	30	17.08.15	7	3	10
57	Paschim Kewabunia	43/1A	05.08.15	14	13	27	17.08.15	7	3	10
58	Paschim Sonakhali	43/1A	09.08.15	21	7	28	19.08.15	9	1	10
59	Paschim Atherogachia	43/1A	06.08.15	22	5	27	19.08.15	8	2	10
60	Dakshin Sonakhali	43/1A	10.08.15	24	6	30	19.08.15	9	1	10
61	Dakshin Atherogachia	43/1A	11.08.15	15	9	24	20.08.15	2	8	10
62	Uttar Atherogachia	43/1A	12.08.15	17	11	28	18.08.15	6	3	9
63	Algi Tafalbaria	43/2B	15.06.15	24	6	30	16.08.15	8	2	10
64	Alor Diseri	43/2B	16.06.15	19	10	29	16.08.15	5	4	9
65	Vangra	43/2B	17.06.15	23	5	28	17.08.15	8	2	10
66	Shuhori mini polder	43/2B	18.06.15	17	10	27	17.08.15	5	5	10
67	Algi Chalitabunia	43/2B	27.07.15	20	8	28	18.08.15	8	1	9
68	Garabunia	43/2B	28.07.15	23	7	30	23.08.15	7	2	9
69	KanchanBaria	43/2B	29.07.15	22	7	29	18.08.15	7	3	10
70	Purbo Sonakhali	43/2B	30.07.15	22	6	28	19.08.05	7	1	8

71	Gol Bauria	43/2B	02.08.15	16	12	28	19.08.15	7	3	10
72	Ramananda	43/2B	03.08.15	28	6	34	23.08.15	8	2	10
73	Ramdula	43/2B	04.08.15	19	8	27	24.08.15	5	5	10
74	Kalai Kishor	43/2B	05.08.15	19	11	30	24.08.15	9	1	10
75	Mushurikathi	43/2B	06.08.15	13	16	29	25.08.15	6	4	10
76	Dakshin Amkhola	43/2B	09.08.15	18	10	28	25.08.15	7	3	10
77	Dari Baherchar	43/2B	10.08.15	21	7	28	26.08.15	9	1	10
78	Madhya Amkhola	43/2B	11.08.15	20	10	30	26.08.15	8	2	10
79	Uttar Amkhola	43/2B	12.08.15	20	8	28	30.08.15	8	2	10
80	Chingaria-Dakshin Balaikati	43/2B	13.08.15	17	7	24	30.08.15	6	3	9
81	Nijsuhari Dakshin Chalitabunia	43/2B	16.08.15	19	9	28	01.09.15	7	3	10
82	Madhya Chhailabunia	43/2B	17.08.15	19	10	29	01.09.15	6	3	9
83	Uttar Chhailabunia	43/2B	18.08.15	20	10	30	02.09.15	8	1	9
84	Uttar Paschim Banshbunia	43/2B	19.08.15	18	10	28	02.09.15	7	3	10
85	Dakshin Paschim Badura	43/2B	23.08.15	20	9	29	06.09.15	6	4	10
86	Dakshin Purbo Badura	43/2B	24.08.15	17	11	28	08.09.15	7	3	10
87	Purbo Badura	43/2B	25.08.15	15	14	29	08.09.15	7	3	10
88	Uttar Badura	43/2B	26.08.15	24	6	30	06.09.15	4	4	8
89	Dakshin Purbo Gol bansbunia	43/2B	07.09.15	22	8	30	08.09.15	8	2	10
Total Participants				1708	823	2531		704	282	986

Follow up #

Blue Gold Program
Management of Agricultural Machineries (MAM)

WMG’s Agri. Machineries Operation & Record Keeping Follow up Checklist

A. General Information:

Name of WMG: _____ Polder: _____

Place of visit: _____ Date of visit: _____

Name of available WMG members:

SL #	Name of WMG Members	Designation	Signature
1.			
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

B. Part-1 (Agri. Machineries Operation system/Mode of Operations for the year / season):

1. Agri. Machineries are operated by WMG (Option -1)
Power tiller Thrasher Irrigation Pump
2. Rented out as lease to second party (Option-2)
Power tiller Thrasher Irrigation Pump
3. Other (Option-3)

1) In case of option-1:

- a) Do they have formed separate “Operational Sub-Committee” ? : (Yes /No)
- b) If yes, Name of the sub- committee members.

1.
2.
3.

- c) Do they have appointed a driver?
- d) If yes, Name of the driver:
- e) Daily / Monthly wage of driver: Tk. / Or percentage from daily income : %
- f) Have they prepared probable Farmer's list?: Yes No
- g) If yes, mention the plan briefly;

Machineries	Plan		
	No of farmer	Quantity (land/time/bundle)	remarks
Power tiller			
Thrasher			
Irrigation pump			

- h) Estimated the machineries cost-profit for the year / season;

Machineries	Calculation in Taka/month/year				
	Income	expenditure	Gross profit	Depreciation	Net profit
Power tiller					
Thrasher					
Irrigation pump					
Total					

- i) If have any explanation about option-1;

2) In case of option-2:

- a) Do they have followed Lease / Rent-out system? : Yes No
- b) If yes, Name & address of highest bidder :
.....
.....
Mobile number:
- c) Amount of Lease money : Tk.
i) Tk. /Power tiller (monthly/yearly)
ii) Tk. /Thrasher (monthly/yearly)
iii) Tk. /Irrigation pump (monthly/yearly)
- d) Lease period: From To
- e) Have they made an agreement between the WMG and Lessee? Yes No
- f) If yes, date of agreement and lease period:
Date :, Period: From..... To
- g) If have any explanation about option-2;

3) In case of other options-3:

C. MAM Training Part-2

Present performance and follow up areas: (Satisfactory = 3

Fair = 2

Poor = 1)

SL #	Performance area	Performance Standard			Observation and action taken
		3	2	1	
01	Action Plan (Probable Farmers list)				
02	Money Receipt				
03	Machinery wise Daily Income and Expenditure Register				
04	Cash Book				
05	General Ledger				
06	Depreciation Cost reduction / accumulated register				
07	Others (If any)				

SL #	Performance area	Performance Standard			Observation and action taken
		3	2	1	

D. Overall observation and recommendations by the trainer:

Signature of Trainer:

Name of Trainer:

Date:

E. Overall observation and recommendations by the CO :

Signature of CO:

Name of CO:

Date:

Status of WMG who leased out their Machineries

WMG	Polder	Type of Agreement	Leased amount per machine per year			Comment
			Power Tiller	Threshers	Pump	
Daksin Morichbunia	43/2D	Orally	10,000			Two machine for Tk. 20000 For one year
Uttar Bazarghona	43/2D	Resolution	12,000		3,500	
Barunbaria	43/2D	Orally	17,500	8,400	3,000	Valid document didn't found
Patukhali WMG	43/2D	Stamp paper	18,000			
Dakshin Bazarghona	43/2D	Orally	18,000			
Purbo PanchaKuralia	43/2D	Orally	15,000		3,000	Two Tiller for one year Tk. 30000
Poschim PanchaKurali	43/2D	Orally	20,000			One Power Tiller
Choto Aouliapur Daskhin	43/2D	Resolution	15,000			Two Tiller for one year Tk. 30000
Baro Aouliapur Purbo	43/2D	resolution	21,500			Two machine by Tk. 43000 for two season
Baro Aouliapur Uttar	43/2D	Orally	48,000			
Poschim Sharikkhali	43/2D	Resolution	16100		6100	Two machine Tk. 32050
Ballavpur	43/2D	Orally	32000		3000	both power tiller was leased last year
Abad hazikhali	43/2D	Orally	30,000		1,050	Two machine Tk. 60000 for 2 years
Dakshin Hazikhali	43/2D	resolution	28,000		2,000	2 Tiller at Tk. 56000 but only Tk. 30000 found in cash book
Purbo Garakhali Uttar	43/2D	Orally	25000			
Pakshia	43/2D	resolution	15000			2 Tiller Tk. 30000
Purba Matibhanga	43/2A	Orally	20,000		6,000	
Maddha Matibhanga	43/2A	Orally	25,000		6,000	
Matherbunia Nandipara	43/2A	Resolution	20,000		2,000	
Bhajna	43/2A	Resolution	12,000			
Paschim Bara Bighai	43/2A	Orally	27,500		5,000	
Paschim Titkata	43/2A	orally	20000		4000	
Patukhali	43/2A	Resolution	20,000			Ex committee didn't handed over Tk. 62651 of Machine
Purba Kewabania	43/2A	Orally	30,600			for 3 season at Tk. 30600
Paschim Chhota Bighai	43/2A	Orally	32,500			
Kumarkhali	43/2A	Orally	15,000	3,500	500	
Uttar Khekuani	43/2F	Stamp paper	25,000			One Tk. 75000 & other Tk. 50000 for 3 and 2 years
Fakirkhali Gozkhali	43/2F	Stamp paper	20,000			
Madhaya Dalachara	43/2F	Orally	25,000	10,000	4,000	
Uttar Gozkhali	43/2F	White paper	20,000			




Dakshin Purbo Kalibari	43/2F	Resolution	12,000			
Dakshin Dalachara	43/2F	Orally	15,000		4,000	
Uttar Angul Kata	43/2F	Orally	23,000			
Dakshin Gulishakhali	43/2F	Orally	20,000	1,500	2,500	
Madhaya Gulishakhali	43/2F	Orally	20,000			
Dakshin Haridrabilia	43/2F	Orally	27,000	8,000	10,000	
Purbo Gulishakhali	43/2F	Orally	15,000		5,000	
Poschim Kalagachia	43/2F	Orally	15,000			
Uttar Haridrabilia	43/2F	Orally	14,000		5000	they actually made agreement for one at 28000 tk each but the lessee didn't back macines
Uttar Gulishakhali	43/2F	Orally	18,500			
Dakshin Sehakati Dakshin	43/2E	Stamp paper	14,000	3,000	2,500	
Katura Taluk	43/2E	Orally	12,000			
Char Jainkati Paschim	43/2E	Orally	30,000		1,000	
Purbo Jainkati Paschim	43/2E	Stamp paper	22,500		3,000	
Purbo Sakharia	43/1A	orally	20,000			
Khagdon	43/1A	Orally	18,000		2,000	
Paschim Kewabunia	43/1A	Orally	10,000			
Paschim Sonakhali	43/1A	Orally	20,000		4,000	
Paschim Atherogachia	43/1A	Orally	20,000			only 5000 tk collected
Dakshin Sonakhali	43/1A	Orally	20,000		2,500	collected only 15000 tk
Dakshin Atherogachia	43/1A	Orally	12,000	8,000	3,000	no trace of money (cash in hand)
Uttar Atherogachia	43/1A	Orally	15,000	2,000	3,000	Cash in hand 125000 tk (they spend all these money in LCS works)
Algi Tafalbaria	43/2B	Orally	27,000			
Alor Diseri	43/2B	Stamp paper	16,000		2,000	collection=51000+600
Vangra	43/2B	resolution	25,000		3,500	collection=30680+7000
Shuhori mini polder	43/2B	Orally	13,000		3,000	collection=10000
Algi Chalitabunia	43/2B	Stamp paper	20,000			
Garabunia	43/2B	Orally	10,000			
KanchanBaria	43/2B	Orally	25,000		2,000	
Purbo Sonakhali	43/2B	Orally	20,000	5,000	3,000	
Gol Bauria	43/2B	Orally	18,250		1,750	
Ramananda	43/2B	Orally	18,000			
Ramdula	43/2B	Orally	15,000		4,000	
Kalai Kishor	43/2B	Stamp paper	15,000		4,000	
Mushurikathi	43/2B	Orally	9,000		3,000	collection=10000+2000
Dakshin Amkhola	43/2B	resolution	10,000		3,900	leased out @ 100000 Tk for 5 years of 2 machine
Dari Baherchar	43/2B	Stamp paper	10,000		2,500	leasd for 4 years
Madhaya Amkhola	43/2B	rsolution	5,000		4,500	leased out @ 40000 Tk for 2 years of 2 machine
Uttar Amkhola	43/2B	stamp paper	8,000		1,750	leased out @80000 Tk. For 5 years
Chingaria-Dakshin Balaikati	43/2B	Orally	10,000	2,400	2,000	5 Years Leased

Nijsuhari Dakshin Chalitabunia	43/2B	Orally	60,000		5,000	
Madhya Chhailabunia	43/2B	Orally	16,667		10,000	3 years later
Uttar Chhailabunia	43/2B	Resolution	20,000		3,000	
Uttar Paschim Banshbunia	43/2B	Resolution	20,000		3,120	
Dakshin Paschim Badura	43/2B	Stamp paper	20,000			
Dakshin Purbo Badura	43/2B	Orally	13,333			3 Years Leased
Purbo Badura	43/2B	Orally	11,000		3,000	5 Years Leased
Uttar Badura	43/2B	Orally	12,000		2,000	
Dakshin Purbo Gol bansbunia	43/2B	Orally	16,000		4,000	

(MOOD METER)

মূল্যায়ন

(Training Evaluation)

মূল্যায়নের বিষয় (Subject of Evaluation)	 ভাল (Good)	 মোটামুটি (Fair)	 দুর্বল (Poor)
প্রশিক্ষনের বিষয় (Subject of Training)	১০০% (100%)		
প্রশিক্ষণ পদ্ধতি ও কৌশল (Training Methods & Techniques)	৯৬% (96%)	৪% (4%)	
প্রশিক্ষকগণের দক্ষতা ও কৌশল (Knowledge and skills of Trainers)	৯৫% (95%)	৫% (5%)	
প্রশিক্ষণ পরিবেশ, খাওয়া-দাওয়া (Training Environment, Food & other arrangement)	৮৮% (88%)	১২% (12%)	
প্রশিক্ষণ কোর্সের গ্রহণযোগ্যতা (কতটুকু কাজে লাগবে) (Applicability of the learning)	৯৩% (93%)	৭% (7%)	