

## PDS (Personal Data Sheet) Format

1. **Name** : Dr. Md. Mohidul Hasan
2. **Father's name** : Md. Jahurul Islam
3. **Mother's name** : Mrs. Masura Begum
4. **Husband's/Wife's name** : Zannatul Ferdous
5. **Gender** : Male
6. **Present Address** : H # 523, F# B-2, Keari Moon, Senpara Parbata, Mirpur, Dhaka-1216.
7. **Permanent Address** : House 288, R# 06, East Gonespur, Rangpur
8. **Date of Birth** : 01 January, 1980
9. **Age** : Forty Three years
10. **Educational Qualification** : Recent to back

<b>Degree/Diploma/ Certificate</b>	<b>Class/Grade/ Division</b>	<b>University/ Institute/Board</b>	<b>Year</b>
Ph.D. in Agricultural Extension & Rural Development	Satisfactory	Patuakhali Science & Technology University	2020
MS in Agro-forestry)	A- (3.68 out of 4.00)	Bangladesh Agricultural University	2006
Post Graduate Diploma in Information & Communication Technology	B- (65-70) %	Bangladesh Agricultural University	2006
Post Graduate Diploma in Disaster Management	A (3.87 out of 4.00)	Patuakhali Science & Technology University	2015
B. Sc. Ag.	Second Class	Bangladesh Agricultural University	2003
H.S.C.	First Division	Rajshahi	1998
S.S.C	First Division	Rajshahi	1996

**Ph.D. Thesis Title:** Effectiveness of training on sweet potato cultivation for Char Landers in Kurigram District.

**M.S. Thesis Title:** Effect of organic and inorganic fertilizer on growth and yield of wheat under Agri-Silvicultural system.

## **11. Field of Specialization**

### ***A. Crops Division:***

I have 17 years (2 years in BAU, 2 years in BARI, 8 years in CIP, 3 years in PSTU and 2 years in BARC) strong research background in agricultural crops and able to prepare agricultural research proposals, plan, layout, setting parameter or indicators, data collection techniques, analysis through MSTAT, SPSS and STATA software, compiling tables with location wise research and writing reports according to requirements. I have capable to do strong planning, organizing, implementation, monitoring, evaluation, accountability and learning skill on agricultural and other developmental extension activities independently. Sound knowledge on Indicator setting agricultural/developmental project proposal (DPP), ToR, EOI, MoU, LoC and LoA writing (logical frame work/change of theory, budgeting) for development sector. Planning, making layout of experiment, coordination with BARI Scientists of different locations, potato seed supply chain management for research trials at north part to south part area of Bangladesh. Preparing report and presenting of different trials for different aspects like biotic (virus & Late Blight) and abiotic (Salinity, Drought & heat) stress tolerance variety of potato and sweet potato. Research findings submitted in time. Research in production technology and variety test of tuber crops (potato, sweet potato, aroids, and cassava), data analysis and report writing, field monitoring and visiting labour management, farmers training and advising to use improved variety, Planning programme and implementing, quality seed production technique and storage technique of tuber crops. Conducting different private agro company for trials of fertilizer, insecticide, herbicide, fungicide, technology, different hormone trading permission from MoA like Macdonald Ltd. Bangladesh; National Agri-care, Bangladesh; Auto crop care, Auto equipment, Square seeds Ltd.; East West Seed company now it is Lalteer Ltd., BRAC seed company, Blue Moon International; Globe International, Byer Science Crop Ltd.; Syngenta Bangladesh. To prepare a booklet on tissue culture technique on potato, preparing training schedule, procurement of different lab interments, involving training on use of Transmission Electron Microscope (TEM), practicing ELISA for virus detection of crop, data verifying and collection from different BARI stations under different locations, data analysis through MS stat software, making tabulated format with descript, technical report preparation and making power point presentation to present review workshop at BARI central conference hall every year. Small project handling as a Principal Investigator (PI) funded by MOSICT entitled "Characterization of potato germplasm against salt tolerance at southern part of Bangladesh" Satkhira, Patuakhali & Chittagong FY-2011-12.

### **B. Farming System and Agricultural Policy:**

- Validation of crop suitability and zoning output at field level;
- Cooperation with Soil Expert for revisiting crop suitability limitation rating based on the field observation;
- Take part in crop suitability assessment and crop zoning and its possible future use for land use planning;

- Prepare training plan for the extension officials working at field level for demonstrating of crop zoning mobile apps;
- Establish a good working relationship with field level extension official and NARS institutes for collection of data relevant to land suitability and crop zoning;
- Assist in developing and incorporating relevant agricultural products and services (e.g. crop zoning, crop calendar, agricultural technology, seed technology, agri. innovation/ success story, inputs supplier info etc.) into online system;
- Preparing draft corresponding letters from MoA, FAO, CGIAR organizations including innovation cards;
- Coordination with other GOs, INGOs and NGOs focal person on behalf of crop division, BARC;
- Relation buildup with NARS focal point in connection different collaborative project including DAE, BAU, SRDI etc.
- Preparing meeting processing's of all kind of meeting organized by crop division, BARC last one year,
- Participated as Rapporteur and preparing proceedings of Annual Review Workshop on Research Program of NARS Institutes at BARC conference room.
- Work under active guidance/advice of Project Coordinator/Manager.

One year and two months experiences in medicinal plants under the Ministry of Science and Technology project, Bangladesh at Agro-forestry department, Bangladesh Agricultural University, Mymensingh. The research title was effect of neem leaves on storage of rice to protect rice weevil, effect of neem leaves on potato cultivation to protect cut worm, effect of neem extract oil fighting against insect. Neem plant parts are using to make Bio-pesticide. Use of Mahogoni seed for controlling diabetes, use of chili powder to produce anti fungal disease of plant. Use of turmeric powder for long term dry fish preservation. Use of garlic to prevent heart disease of human. I have experienced in Production technology and variety test of tuber crops, Roadside plantation, improve fellow land and social forest management, Inter cropping system, multistoried agroforestry system & landscape management, Establish of live fencing, urban beautification by tree, agroforest disease management, Train-up to farmers about agroforest concept and maximum utilization of our limited land, Bio-diesel (*Jatropha*) and alternative sugar (*Stivia*) production, post-harvest technology during as a Research Assistant, Department of Agroforestry, BAU, Mymensingh.

### **C. Monitoring & Evaluation:**

#### ***Monitoring tools and technique development:***

I have 14 years (2 years in BAU, 2 years in BARI, 8 years in CIP and 2 years in PSTU) strong research background and able to prepare M&E tools and technique for agricultural research proposals, plan, layout, setting parameter or indicators, data collection techniques, analysis through MSTAT, SPSS and STATA software, compiling tables with location wise research and writing reports according to requirements. I have capable to do strong planning, organizing, implementation, monitoring, evaluation,

accountability and learning skill on agricultural and other developmental extension activities independently. Sound knowledge on Indicator setting agricultural/developmental project proposal (DPP), ToR, EOI, MoU, LoC and LoA writing (logical frame work/change of theory, budgeting) for development sector. Planning, making layout of experiment, coordination with BARI Scientists of different locations, potato seed supply chain management for research trials at north part to south part area of Bangladesh. Preparing report and presenting of different trials for different aspects like biotic (virus & Late Blight) and abiotic (Salinity, Drought & heat) stress tolerance variety of potato and sweetpotato. Research findings submitted in time.

***C.1 M&E System implementation and coordination:***

I have above 14 years practical experiences to work with M&E system in agricultural research and developmental extension activities covering and coordinating different international (USAID Horticulture Project-CIP, AVRDC, GIZ-Bangladesh, icddr,b; BRAC, iDE, WorldFish, SPRING, IRRI, SHIKHA Project, Save the Children, HKI, UC Davis, Virginia Tech. Univ.), other national NGO, (PROSHIKA) and government organizations (DAE, TCRC-BARI, BADC, DU & BAU). Support the potato/sweetpotato CIP in the provision of seed of new potato/ sweetpotato varieties to smallholder farmers. Help the potato/sweetpotato project coordinator to prepare technical reports, publications, and presentations.

***C.2 Capacity building and ToT facilitation on M&E:***

***National:*** I have facilitated on skill in community mobilization, capacity building, advocacy empowerment and income generation process, capability in preparing training modules, flip charts and communication materials and conducting need base formal and informal training. I have Ability to manage financial and administrative system with cost effective manner, value for money & experience in profit analysis and business planning with farmers and sub-sector analysis. Conduct, organizing and facilitate ToT on different intervention like quality seed potato production and Orange fleshed sweetpotato ,commercial vegetable production technology, data collection methods and using Monitoring and Evaluation tools post-harvest technology of crops, agricultural research methodology for BARI scientists and DAE personals (Mother & Baby approaches). Participatory Rural Appraisal (PRA) FGD, KII and base line survey intervention area and farmers selection through PRA method, M &E, Nutrition, Gender equity, women entrepreneurs development, cooking practices, income generating and savings system and open bank account of farmers for capacity buildup of partner's staff for developing master trainers. ***International*** training facilitated on Potato Breeding Data Management and Seed Quality Control on August 12 to 16, 2013 at Central Potato Research Institute (**CPRI**), Shimla, Himachal Pradesh, **India**.

**C.3 Baseline survey, interview schedule development, qualitative and quantitative analysis:**

I have experiences of partner selection, farmers’ selection according to project criteria through PRA method, area survey, baseline survey for specific reason, activity plan design, budget preparation & program implementation through partners to make the project activities sustainable and work closely with different private Companies and Associations, *i.e.* BRAC, BARI, DAE, iDE and Proshika at 15 districts of Bangladesh

**C.4 Research data management and administrative:**

Supervising Assistants for quality work on time at different locations and different task. Recruiting process of Community Nutrition Scholar (CNS), Daily Labour, School Volunteers (SV), Field Volunteers (FV) and Office attendant, preparing ToR, MoU, LoC, LoA, Deed Agreement, Letter of Interest, EOI, convener of monthly meeting, meeting minutes writing ability, local project office decision maker, liaison with district, upazila high official key person of DAE, BARI, and others like Upazila Chiarman, Civil Surgeon Officer, Deputy Commissioner (DC), SP, District Education Officer, Officer’s In charge of local Thana, TNO, UAO, Union Chairman. Provide protocol to USAID team visit at project area. Successfully completed PGD in Disaster Management six months course from PSTU, Patuakhali stood 1st class 1st.

**D. ICT skills and communications:**

Six months course on certificate for computer literacy has completed in 2001. Experienced in Microsoft Word, Microsoft Access, Microsoft Power Point, Microsoft Excel, and assembling computer. Database Management System in oracle, trouble shooting, adobe Photoshop, visual basic, web page designing etc. Successfully completed PGD in ICT one year course from BAU, two months advanced course on research methodology through SPSS and STATA from University of Dhaka. Had strong organizational, oral, written and communication skill in ICT base agricultural research.

**12. Training:**

(a) In Country:

Organization	Year	Duration		Name of program
		Mos.	Days	
Bangladesh Agricultural Research Council	2023	-	3	IoT based Precision Agriculture for Sustainable Production
National Agriculture Training Academy (NATA)	2023	-	5	4IR in Smart Agriculture
Institute of Remote Sensing and GIS, Jahangirnagar University	2023	-	3	Advanced Remote Sensing and GIS
Bangladesh Jute Research Institute	2023	-	01	ICT based D-Nothi

Organization	Year	Duration		Name of program
		Mos.	Days	
Bangladesh Agricultural Research Council	2023	-	03	Climate Smart Agriculture for Adoption
Bangladesh Agricultural Research Council	2023	-	02	Contemporary Issues and Technologies in Forestry and Agro-forestry for Professionals
Bangladesh Agricultural Research Council	2023	-	05	Geographic Information System (GIS)
Bangladesh Agricultural Research Council	2023	-	05	Excel Based Data Analysis for Early Career Scientists
Bangladesh Jute Research Institute	2023	-	01	Training on "ICT (e-nothi)"
Swiss contract	2017	-	01	Innovation and Leadership in Agro-Industry
University of Dhaka	2017	1 months	4	Advanced Research Methodology through SPSS and STATA
International Potato Center and UKaid	2016	-	2	Training on "Gender and Agriculture: Concepts & Approaches"
TCRC, BARI, USAID, CIP & AVRDC	2014		2	Post-Harvest Research Protocol of Potato
RTB & CIP	2013		3	Gender Capacity Strengthening in Agricultural Sector
CIP, BARI & icddr,b	2013		4	Nutrition Quality Assessment on Root & Tuber Crops
USAID, CIP/AVRDC	2012		3	Participatory Market Chain Approach
BUET/ITC, UNCTA/WTO	2009	-	5	Quality Management & Quality Assurance System in Light Engineering Sector
TCRC, BARI	2008		12	Computer Skill for Data Management, Analysis, Reporting and use of Internet
TCRC, BARI	2007		3	Integrated Crop Management (ICM) of Tuber Crop
TCRC, BARI	2007		5	Tissue Culture Technique and Indexing of Virus Diseases through ELISA Method
Fire Service and Civil Defense,	2005			Basic training on fire extinguish

Organization	Year	Duration		Name of program
		Mos.	Days	
Mymensingh				
Computec, Rangpur	2001	6		Certificate for computer literacy

**(b) Abroad:**

Organization	Year	Duration		Name of program
		Mos.	Days	
CIP & CPRI, India	2010	-	5	Crop modeling, template and tools for the use of trial data in performance prediction and targeting of potato clones and varieties
ICAR, CPRI & CIP, India	2013	-	5	Potato Breeding, Data Management and Seed Quality Control

***Professional workshop/Seminar attends:***

**Bangladesh:**

- a) Attended in the Technical Learning Workshop entitled “Support for establishing seed multiplication seed processing and seed testing in Dashmina Seed Multiplication Center (TCP/BDG/3406)” Organized by jointly Food and Agriculture Organization (**FAO**) and Bangladesh Agricultural Development Corporation (BADC) from 24-25 January, 2014 at Barisal.
- b) Attended in a National Workshop on *Present Status & Future Strategy on Tuber Crops Research in Bangladesh*. Organized by Tuber Crops Research Centre, BARI, Joydebpur, Gazipur-1701; held on 30 June, 2008 at Kazi Badruddozha Auditorium, **BARI, Joydebpur, Gazipur, Bangladesh**
- c) Attended in a National Workshop on *Potato Seed Production, Storage & Certification in Bangladesh*. Organized by Seed Certification Agency (SCA), Gazipur; held on 08 June, 2008 at Training Hall, **SCA, Gazipur, Bangladesh**.
- d) Participated in a three day *National Potato Campaign 2008* at **Bangladesh-China Friendship Conference Center**, Dhaka. Jointly Organized by Peoples’ Republic of Bangladesh, FAO and CSD; held on May 07 to 09, 2008.

- e) Attended internal review Workshop on *Tuber Crops Research center* Organized by Tuber Crops Research Centre, BARI, Joydebpur, Gazipur-1701; held on 21-23 June, 2007 at Kazi Badruddozha Auditorium, BARI, **Joydebpur, Gazipur, Bangladesh.**
- f) Attended internal review Workshop on *Tuber Crops Research center* Organized by Tuber Crops Research Centre, BARI, Joydebpur, Gazipur-1701; held on 27-29 June, 2008 at Kazi Badruddozha Auditorium, BARI, **Joydebpur, Gazipur, Bangladesh.**
- g) Attended internal review Workshop on *Tuber Crops Research center* Organized by Tuber Crops Research Centre, BARI, Joydebpur, Gazipur-1701; held on 21-23 June, 2010 at Kazi Badruddozha Auditorium, BARI, **Joydebpur, Gazipur, Bangladesh.**
- h) Attended internal review Workshop on *Tuber Crops Research center* Organized by Tuber Crops Research Centre, BARI, Joydebpur, Gazipur-1701; held on 14-16 June, 2011 at Kazi Badruddozha Auditorium, BARI, **Joydebpur, Gazipur, Bangladesh**

**Abroad:**

- a. Attend seminar and presented on Potential Contribute to disaster resilience crop Orange Flashed Sweet Potato in Saudi Arabia at King Abdul Aziz University, Jeddah, SA, 2017
- b. Attended in the Annual Meeting of CIP-GTZ project entitled “Enhanced food and income security of South West and Central Asia through potato varieties with improve tolerance to abiotic stress” Organized by International Potato Center (CIP), Lima, Peru at **Tashkent, Uzbekistan** from 08- 09 November, 2011.
- c. Attended in the Annual Meeting of CIP-GTZ project entitled “Enhanced food and income security of South West and Central Asia through potato varieties with improve tolerance to abiotic stress” Organized by International Potato Center (CIP), Lima, Peru at **Gujarat, India** from 29- 30 November, 2010.
- d. Presentation delivered in virtually titled qualitative Analysis of Solid Waste and Compost in Bangladesh at “8<sup>th</sup> GoGreen Summit” organized by International Society of Environmental Relationship and Sustainability (ISERS) on 01<sup>st</sup> June 2022 at **Bali, Indonesia.**

**Training Facilitation as Trainer:**

Conduct, organizing and facilitate ToT on different intervention like potato, sweetpotato production technology, post-harvest technology of crops, area and farmers selection through PRA method, M &E, Nutrition, Gender equity, women entrepreneurs development, cooking practices, income generating and savings system and open bank account of farmers for capacity buildup of partner’s staff for developing master trainers.



**National:**

<b>Training Title</b>	<b>No. of sessions (from 2006 to 2022)</b>
Training of trainers (ToT) on mobile app 'Khamari' at Upazila level	54
Training of trainers (ToT) on quality seed potato production and Orange fleshed sweetpotato production at farm level in Southern Bangladesh.	10
Training of trainers (ToT) on vegetable production at farm level in Southern Bangladesh.	10
Training of trainers (ToT) on Data collection, Monitoring and Evaluation.	6
Training of trainers (ToT) on post-harvest handling of agricultural crops and storage technique.	4
Training of trainers (ToT) on nutrition messaging for Community Nutrition Scholar (CNS).	6
Training of trainers (ToT) on agricultural research methodology for BARI scientists and DAE personals (Mother & Baby approaches).	35
Training of trainers (ToT) on Participatory Rural Appraisal (PRA).	4
Training of trainers (ToT) on Gender awareness and gender integration into agricultural sector.	4
Training of trainers (ToT) on value chain in agricultural crops.	4
Training of trainers (ToT) on women entrepreneurship development through orange flashed sweetpotato nursery.	10
Training of trainers (ToT) on women entrepreneurship development through small cottage industries (potato chips and French fries).	2
Training of trainers (ToT) on recipes preparation of potato and sweetpotato.	3
Farmers training facilitations of above mention interventions at different places of Bangladesh	More than 250

**International:**

International training facilitated on Potato Breeding Data Management and Seed Quality Control on August 12 to 16, 2013 at Central Potato Research Institute (**CPRI**), Shimla, Himachal Pradesh, **India**.

### 13. Experience:

Position	Period		Total (Yr./Mo)
	From	To	
Senior Scientific Officer	11 December, 2022	Till	
Farming System Specialist (BARC)	19 Aug. 2020	10 December, 2022	2 years
Field Coordinator, Regional level (CIP)	01 Jan. 2012	15 May, 2017	05 years 05 months
Research Assistant (CIP)	01 April, 2010	31 Dec. 2011	01 year 09 months
Project Director (Sister Concern of Akij Group)	01 Sep. 2008	30 Mar. 2010	01 year 06 months
Scientific Officer (BARI)	12 Nov. 2006	30 June, 2008	01 year 08 months
Research Assistant (Dept. of Agrof., BAU)	02 May, 2005	01 Sep. 2006	01 year 04 months.

### 14. Publications:

List of all publications, photocopies of journal publications, photocopies of first page of other publications are to be attached.

(a)	Scientific journal	No. of publication
	(i) Full paper	Twelve (12)
	(a) Published in the Reputed International Journal	
	Principal author	Five (5)
	Co-author	Seven (7)
	(b) Other International & National Journal	
	Principal Author	
	Co-author	
	(ii) Short Communication	Two (2)
	Principal author	
	Co-author	Two (2)
(b)	Books/Monographs/Bulletins	
	(i) Books	Three (3)
	Principal author	
	Co-author	Three (3)

	(ii) Monographs Principal author Co-author	Zero
	(iii) Bulletins Principal author Co-author	Zero
I	Seminar/workshop/Symposium Proceedings (i) International/National Principal author Co-author	Twenty Seven (32)

Sl. No	Title	Name of Journal	Year of Published	Author's Position
01	Effectiveness of Training on Sweet Potato Cultivation by Char Land Farmers in Kurigram District	International Journal of Innovation Scientific Research and Review (Vol.04, Issue 01, pp2223-2226; ISSN 2582-6131	2022	1 <sup>st</sup>
02	Determinants the Effectiveness of the Training on Sweet Potato Cultivation	GSJ: Volume 9, Issue 8, August 2021 ISSN 2320-9186	2021	1 <sup>st</sup>
03	Effect of organic and Inorganic fertilizer on growth and yield of wheat under Agrisilvicultural system	Journal of Agrof. And <i>Environment</i> ISSN 1995-6983	2007	1 <sup>st</sup>
04	Screening of CIP advanced potato genotypes against drought in northern region of Bangladesh	Bangladesh Journal Prog. Sci. & Tech. ISSN 2305-1809	2012	1 <sup>st</sup>
05	Evaluation of some selected potato genotypes against late blight under Bangladesh condition	Bangladesh Journal Prog. Sci. & Tech. ISSN 2305-1809	2013	1 <sup>st</sup>
06	Disaster risk identification in agriculture sector: Farmer's perceptions and mitigation practices in Faridapur	American Journal of Rural Development	2015	2 <sup>nd</sup>
07	Screening of salt tolerant CIP potato germplasm for saline	Scientific Journal of Krishi Foundation	2013	5 <sup>th</sup>

Sl. No	Title	Name of Journal	Year of Published	Author's Position
	areas	ISSN 2304-7321		
08	Evaluation of CIP breed clones for expansion of potato production in coastal of Bangladesh	Journal of Open Agriculture, 2016;1:189-197	2016	5 <sup>th</sup>
09	Selection of Late Blight Resistant Varieties in Bangladesh from CIP Population B3 Potato Clones	Potato J 49 (1): January - June, 202	2022	8 <sup>th</sup>
10	Field performance of sweet potato varieties in saline zone of Bangladesh	Bangladesh Journal of Hort. ISSN 0379-4288	2015	9 <sup>th</sup>
11	Farmers' Perception About Variety Development and Abiotic Stresses on Potato Cultivation in Bangladesh	Bangladesh Journal of Agricultural Research	2013	Co-Author
12	Integrated --- Slope land Agroforestry	11 <sup>th</sup> N. American conf. proceedings	2009	2 <sup>nd</sup>
13	Annual Report 2012 CIP, Lima, Peru	Reports of CIP	2012	Co-Author
14	Production of disease free potato mini tuber through tissue culture methods	Booklet of TCRC, BARI	2008	5 <sup>th</sup>
15	Increasing sweet potato production through improve technology	Booklet of USAID Horticulture Project CIP/AVRDC	2013	4 <sup>th</sup>
16	Quality seed potato production and it's use through improved technology at farmer's field	Booklet of USAID Horticulture Project CIP/AVRDC, Bangladesh	2013	6 <sup>th</sup>
17	Farmers Preference and Suitability Assessment of BARI Released Orange-Flashed Sweet Potato Varieties in Char lands of Gaibandaha	Bangladesh Hort., Vol., 2 (Series-2) 1-11, 2016	2016	6 <sup>th</sup>
18	Training on "Khamari" mobile app and output validation of crop zoning project of Bangladesh	BARC News Letter, volume 18:(4)	2020	Co-author

Sl. No	Title	Name of Journal	Year of Published	Author's Position
	Agricultural Research Council			

**Booklet: 3**

M.A. Hossain, M.A. Haque, M.S. Alam, **M.M. Hasan**, M.M. Khatun, M. Hossain and S.N. 2008. Virus free minituber production of potato using tissue culture methods (in Bengali), Tuber Crops Research Center (TCRC), Bangladesh Agricultural Research Institute (BARI), Joydebpur, Gazipur-1701.

S.A. Begum, M. Hossain, E.H.M.S. Rahman and **M.M. Hasan**.2012. Quality seed potato production through improved technology at farmers field (in Bengali) 5000 copy fund USAID Hort. Project, CIP/AVRDC Bangladesh.

S.A. Begum, M. Hossain, E.H.M.S. Rahman and **M.M. Hasan**. 2012. Increase of sweetpotato production through improved technology (in Bengali) 5000 copy fund USAID Hort. Project, CIP/AVRDC Bangladesh.

**Web based: 1**

**M.M. Hasan**, 2010 Capacity building for dissemination of pathogen-free seed potatoes. <http://www.icarda.org/cac/new.asp?id=161>.

**Proceedings 01:**

M. Abul Hossain, **M. Mohidul Hasan**, M.Saminul Ahsan Talucder, M. Shajebur tahman, Imtiaz Ahmed, Raihan Ahmed, M. Saiful Islam. 2009. Integrated management of multi-storied production systems under newly established RAMPT models of roadside and slope land agroforestry, proceedings, 11<sup>th</sup> North American Agroforestry Conference, Columbia, Mo., May31-03, 2009.

**15. Research achievement (as SO and different positions) List duly endorsed by the Head of Division and Director Research)**

(i) No. of technology developed: No.

(ii) No. of Research Programme

**Reports of TCRC-BARI:**

**FY-2006-07:**

M. M. Hossain, S. Akther, E.H.M.S. Rahman, A.T.M. Islam, **M.M.Hasan**, M.M.Rahman, M. Zillur Rahman and S.N. Begum. 2006-07. Comparative effectiveness of librel Boron fertilizer on potato production, annual report, pp.40-42. TCRC, BARI, Joydebpur, Gazipur-1701.

M. M. Hossain, S. Akther, E.H.M.S. Rahman, A.T.M. Islam, **M.M.Hasan**, M.M.Rahman, M. Zillur Rahman and S.N. Begum .2006-07. Comparative effectiveness of librel zinc fertilizer on potato production, annual report, pp.42-44. TCRC, BARI, Joydebpur, Gazipur-1701.

M. M. Hossain, S. Akther, E.H.M.S. Rahman, A.T.M. Islam, **M.M.Hasan**, M.M.Rahman, and S.N. Begum. 2006-07. Comparative effectiveness of urea super granule

(USG) fertilizer on potato production, annual report, pp.44-41. TCRC, BARI, Joydebpur, Gazipur-1701.

S. Akther, A.A. Mahmud, S. Abdullah, M.M. Khatun and **M.M.Hasan**. 2006-07. **Storage behavior of potato varieties under natural condition**, annual report, pp.113-15. TCRC, BARI, Joydebpur, Gazipur-1701.

**FY-2007-08:**

E.H.M.S. Rahman, S. Akther, Shamima Akhter, **M.M.Hasan**, and . M. M. Hossain. 2007-08. Bulking behavior of promising potato varieties, annual report, pp.49-51. TCRC, BARI, Joydebpur, Gazipur-1701.

S. Akther, E.H.M.S. Rahman, **M.M.Hasan**, Shamima Akhter and . M. M. Hossain. 2007-08. **Processing quality of potato** as influenced by NPK fertilizer, annual report, pp.51-53. TCRC, BARI, Joydebpur, Gazipur-1701.

**M.M.Hasan**, E.H.M.S. Rahman, Shamima Akhter, S. Akther and . M. M. Hossain. 2007-08. Effect of planting and harvesting time on the yield of **processing potato variety**, annual report, pp.54-55. TCRC, BARI, Joydebpur, Gazipur-1701.

Shamima Akhter, E.H.M.S. Rahman, B.C. Kundu, **M.M.Hasan**, S. Akther and M. M. Hossain. 2007-08. Effect of liquid mixed fertilizer (Genemax) on the yield of potato, annual report, pp.55-57. TCRC, BARI, Joydebpur, Gazipur-1701.

E.H.M.S. Rahaman, S. Akther, **M.M.Hasan**, B.C. Kundu, M.A. Hoque and M. M. Hossain. 2007-08. Performance of weedicides for controlling potato weeds, annual report, pp.58-59. TCRC, BARI, Joydebpur, Gazipur-1701.

**M.M.Hasan**, E.H.M.S. Rahman, Shamima Akhter, S. Akther and . M. M. Hossain. 2007-08. Effect of hormone (Rootone-3g) on potato, annual report, p.60. TCRC, BARI, Joydebpur, Gazipur-1701.

**M.M.Hasan**, E.H.M.S. Rahaman, B.C. Kundu, Shamima Akhter, S. Akther and . M. M. Hossain. 2007-08. Effect of growth regulator (Nano-Gra) on potato, annual report, p.61. TCRC, BARI, Joydebpur, Gazipur-1701.

E.H.M.S. Rahaman, S. Abdullah, Shamima Akhter, S. Akther, **M.M.Hasan**, and M. M. Hossain. 2007-08. **Physical behavior of potato varieties after cold storing**, annual report, pp.144-46. TCRC, BARI, Joydebpur, Gazipur-1701.

**FY-2009-10:**

T.K. Dey, B.C. Kundu, M. Hossain, B.K. Goswami, M.H. Reza, M.A. Hqqe, M.M.Rahman, E.H.M.S. Rahaman, **M.M.Hasan** and M.S. Kadian. 2009-10. Secondary yield trial (SYT) with late blight disease resistance CIP potato germplasm. annual report, pp.35-39. TCRC, BARI, Joydebpur, Gazipur-1701.

B.C. Kundu, M. Dar, M. Hossain, M.H. Rahman , E.H.M.S. Rahaman, **M.M.Hasan** and M.S. Kadian. 2009-10. Screening of potato varieties and CIP germplasm against salt tolerance. annual report, pp.40-43. TCRC, BARI, Joydebpur, Gazipur-1701.

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(a) Developed:

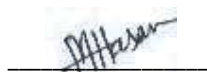
(b) Supervised:

(c) Execute:

### **16. Outstanding achievement**

Full length papers at different journals including disaster tolerance crop	: 12
Booklet (Crop production technology)	: 03
Article at North America (Agroforestry)	: 01
Technical annual reports from 2006 to 2015 (TCRC, BARI)	: 53
Research works on agricultural crops	: 18
Working Paper published on potato, CIP, Lima, Peru	: 01
TV news publications	: 21
Poster presentation (Kenya)	: 01
National & local newspapers on sustainable livelihood development by agriculture:	<b>293</b>

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