

RESUME OF SELIM REZA

MD. SELIM REZA

M.S. Soil Science and B.S. (Agriculture)

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EDUCATIONAL QUALIFICATIONS

Name of the degree	Department/ Group	Name of the Institution	Passing Year
Master of Science	Soil Science	Bangabandhu Sheikh Mujibur Rahman Agricultural University	2016
Bachelor of Science	Agriculture	Bangabandhu Sheikh Mujibur Rahman Agricultural University	2014
Higher secondary school certificate	Science	New Government Degree College	2009
Secondary school certificate	Science	Maskatadighi Multilateral Technical High School and College	2007

Area of interest/expertise

01. Soil environment
02. Fertilizers management
03. Integrated plant nutrient system
04. Soil microbiology

RESEARCH EXPERIENCES

Research Assistant (Oct 24, 2016 – November 05, 2017)

Project: Effect of Vermicompost on Yield and Nutrient Uptake of Broccoli.

MS Academic Research Project: Impact of Organic Fertilizers on Yield and Nutrient Uptake of Cabbage

Supervisor: Dr. Sohela Akhter, PhD, dept. of soil science, BARI.

Email: sohelaakhter@gmail.com

WORK EXPERIENCES

Soil Scientist (Dec 05, 2017 –April 24, 2018)

Responsibilities: Collecting soil samples from various locations Of Bangladesh; Analysis the samples, taking data and insert the Data in computer analytical software, media preparation for soil Microbiology analysis

Research associate: Feb 2019- November 2019, Bangladesh Wheat and Maize Research Institute (BWMRI),

Noshipur, Dinajpur, Bangladesh.

M.S Academic Research Project: Impact of Organic Fertilizers on Yield and Nutrient Uptake of Cabbage. Supervisor: Dr. Sohela Akhter, PhD, Email: sohelaakhter@gmail.com.

Current position: Working as a Scientific Officer (SO), BINA substation, Satkhira (2/02/2020-present)

COMPUTER LITERACY

MS word, MS excel, MS power point, Email, STATISTIC 10, SPSS, MSTAT etc.

SKILLED ACQUIRED

- Analysis of different soil samples through various methods such as gravimetric method for soil water, Kjeldahl method for soil nitrogen, wet oxidation method for organic carbon, Spectrophotometer method for P,K, S etc.
- Isolation of bacterial pathogens from various samples like root nodules by culture, storage and maintenance of pathogens, MIC test, measurement of bacterial growth.
- Maintenance and monitoring of lab equipment Such as autoclave machine, centrifuge machine incubator light, microscope, spectrophotometer etc.
- Prescribed fertilizers based on soil test and giving valuable suggestion for cultivating rice under soil salinity.
- Conducting new research/techniques as per farmer's need or country demand policy.

CONFERENCE AND PRESENTATION

- 16th annual BAAS conference. 2016.

SEMINARS AND WORKSHOPS

- Participated in a Seminar on “Youth Entrepreneurship for Social Development: A Development Approach” organized by “Youth School for Social Entrepreneur (YSSE)” on October 12, 2015.
- Attended a workshop on “Networking: building Career Connections”, an initiative by Manik Mia Foundation & organized by Basic Rights Initiative (BRI) on 7th November, 2015.
- Workshop on Plant Disease Diagnosis Bangabandhu Sheikh Mujibur Rahman Agricultural University, Gazipur-1706, Bangladesh. Duration: 2 days.
- Extension Education Field Trip`13 Rural Development Academy, Bogra, Bangladesh. Duration: 7 days
- Baseline survey of the North Expansion Areas Friendship Bangladesh, 87 Suhrawardi Avenue, Block-K Baridhara, Dhaka. Duration: 2 days.
- Participated Feed the Future Bangladesh Policy LINK Agricultural Policy Activity organised by USAID on September, 2021.
- Participated in the regional workshop of improvement of oil, pulse and spices production, distribution and seed preservation organised by DEA, Khulna on March, 2022.

NUMBER OF PUBLICATIONS

01. Reza, M. S., Islam, A. K. M. S., Rahman, M. A., Miah, M. Y., Akhter, S. & Rahman, M. M. (2016). **Impact of organic fertilizers on yield and nutrient uptake of cabbage (*Brassica Oleracea* var. *capitata*)**. *Journal of Science, Technology and Environment Informatics*, 03(02), 231-244.
02. Reza et al., (2022). **Impact of Organic and Inorganic Fertilizers on Yield and Yield Contributing Characters of Mustard (*Brassica napus* L.)**. *Asian Journal of Soil Science and Plant Nutrition*, 8(1): 27-34, 2022.

AWARDS/HONORS RECEIVED

- Government Scholarship in both 5th and 8th classes.
- National Science and Technology fellowship -2015.
- Bangladesh Agricultural Research Institute Scholarship, Bangladesh.

EXTRA CURRICULAR ACTIVITIES

- Two times inter house cricket champions.
- Runner up inter house badminton tournament.
- Ex-member of Rotary Club of Mid –Town Rajshahi, Bangladesh.
- Member of an organization named “Volunteer for Bangladesh” who celebrated Universal Children’s Day, 2015 on 20th November.