**Professor M. Jahiruddin - List of Research Publications**

**Journals**

1. **Jahiruddin, M**., Bhuiya, Z. H., Hoque, M.S. and Rahman, L. 1981. Effect of rates and methods of zinc application on rice. *Madras Agricultural Journal* 68(4): 211-216.

2. Bhuiya, Z.H., Idris, M. and **Jahiruddin, M**. 1981. Response of IR 8 to zinc fertilizer. *Intenational Rice Research Newsletter* 6(6): 11.

3. **Jahiruddin, M**. and Hoque, M. S. 1983. Factors affecting zinc availability to plant- a review. *Bangladesh Journal of Agricultural Science* 10(1): 1-12.

4. Hoque, M.S., **Jahiruddin, M**. and Rahman, M.M. 1983. Comparative study on the use of Urea +TSP and DAP in rice production. *Bangladesh Journal of Agrultural Science* 10(2): 163-168.

5. Idris, M. and **Jahiruddin, M**. 1983. Response of BR 3 rice to sulphur fertilization. International *Rice Commission Newsletter* 32(1): 28-30.

6. **Jahiruddin, M**., Livesey, N.T. and Cresser, M.S. 1985. Observations on the effect of soil pH upon zinc absorption by soils. *Communication in Soil Science and Plant Analysis 16(8): 909-922*. **[IF – 1.327]**

7. **Jahiruddin, M**., Chambers, B.J., Livesey, N.T. and Cresser, M.S 1986. Effect of liming on extractable Zn, Cu, Fe and Mn in selected Scottish soils. *Journal of Soil S*cience 37: 603-615. [J. Soil Sci. started in 1949 and in 1994 it renamed as European Journal of Soil Sciience]. [**IF -3.742**]

8. Alam, M.T., **Jahiruddin, M**., Bhuiya, Z.H. and Hoque, M.S. 1988. Response of three cultivars of grasspea to *Rhizobium* inoculation. *Bangladesh Journal of Mcrobiology* 5(2): 11-16.

9. Hoque, M.S., **Jahiruddin, M**. and Paul, G.C. 1988. Response of soybean to *Rhizobium* inoculation and NPK fertilization. *Crop Research* 1(1): 102-108.

10. **Jahiruddin, M**. and Cresser, M.S. 1989. Chemical methods for assessing available zinc in soil. *Thai Journal of Agricultural Science* 22: 77-88.

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 13 Solaiman, M.Z., **Jahiruddin, M**., Hoque, M.S. and Bhuiya, Z.H. 1990. Effect of Azolla and urea on N, P, K, and S content in rice. *Pakistan Journal of Scientific and Industrial Research* (4): 155-158. [**IS – 0.14**]

14. Solaiman, M.Z., Bhuiya, Z.H., Hoque, M.S. and **Jahiruddin, M.** 1990. Evaluation of the effects of Azolla manuring and urea application on soil fertility. *Progressive Agriculture* 1: 25-30.

 15. Choudhury, F. A., **Jahiruddin, M**. and Ghosh, S.C. 1990. Influence of continuous cropping on potassium depletion of soils. *Progressive Agriculture* 1: 37-42.

 16. Akhter, S., Ali, M.I., **Jahiruddin M.**, Ahmed, S. and Rahman, L. 1990. A study of phosphorus-zinc interaction in rice. *Bangladesh Journal of Crop Science* 1(2) : 99-109.

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18. Haque, M.F., Hoque, M.S. and J**ahiruddin, M**. 1991. An evaluation trial of *Rhizobium* strain TAL 638 in presence or absence of NPK fertilization on lentil. *Bangladesh Journal of Microbiology* 8(1) : 59-61.

19. **Jahiruddin, M**. and Cresser, M.S. 1991. Solubility of Zn as affected by Fe, Al, and P concentrations in relation to pH. *Journal of the Indian Society of Soil Science* 39 : 371-373.

 **[IS – 0.42]**

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21. Ahmed, M.U., **Jahiruddin, M.**, Hoque, M.S., Rahman, M.M. and Abedin, M.J. 1991. Response of wheat (*Triticum aestivum*) to sulphur, zinc and boron in Old Brahmaputra Floodplain soil. *Bangladesh Journal of Crop Science* 2(2): 91-98.

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24. **Jahiruddin, M.** 1992. Adsorption of zinc by soil and its constituents. *Thai Journal of Agricultural Science* 25: 357-370. [Thailand]

25. Mondal, M.H.R., **Jahiruddin, M.**, Rahman, M.M. and Hashem, M.A. 1991. An investigation on nutrient requirements for BR-11 rice in Old Brahmaputra Floodplain soil. Bangladesh *Journal of Crop Science* 2(2): 23-30.

26. **Jahiruddin, M.** and Cresser, M.S. 1993. A study of the effect of rhizosphere on the availability of N, P, K, Zn, Cu, Fe and Mn in soil. *Journal of the Indian Society of Soil Science* 41(3): 486-490. **[IS – 0.42]**

27. Rahman, M.M., Hossain, S.M.A., Islam, N., **Jahiruddin, M**. and Salam, M.U. 1993. Effect of sowing date and boron fertilizer on the yield and oil content of mustard and rapeseed. *Bangladesh Journal of Agronomy* 5(1&2): 73-78.

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29. Hossain, M.M., Ahmed, S. and **Jahiruddin**, M. 1993. Fractions of native zinc in some soils of Bangladesh. *Bangladesh Journal of Nuclear Agriculture* 9: 73-84.

30. Hoque, M.S. and **Jahiruddin, M**. 1994. Effects of single and multiple applications of sulphur and zinc in a continuous rice cropping pattern. *Indian Journal of Agricultural Research* 28(1): 9-14. **[IS – 0.31]**

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35. Hossain, M.B., **Jahiruddin, M.** and Hoque, M.S. 1994. Response of wheat (*Triticum aestivum*) to sulphur, zinc, boron and molybdenum. *Progressive Agriculture* 5(2): 31-37.

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48. Haque, M.A., Hashem, M.A., Islam, M.R. and **Jahiruddin, M.** 1997. Effects of N, P, K, S and Zn on indigenous cyanobacteria and yield of BR2 rice. *Progressive Agriculture* 8 (1&2): 43-47.

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55. Alim, M.A., Salim, M., **Jahiruddin, M.** and Samad, M.A. 1998. Effects of N, P, K, S, Zn and B on the yield of seed cotton. *Progressive Agriculture* 9(1&2): 31-33.

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 **M. Jahiruddin**