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| AREA OF SPECIALIZATION | : | SAR and Induced resistance |
| AREA OF INTEREST | : | Plant and Soil Health Management under Conservation Agriculture |



LIST OF PUBLICATION :

Journal Papers

1. Mitra, P & **Chowdhury, A. K.** (2001). Protection of soyabean seedlings from *Sclerotium* rot by treatment with alternative chemical agents. *J. Mycopathol.Res.* **39**: 35-38.
2. **Chowdhury, A. K.** (2002). Effect of chitosan on collar rot of peanut caused by *Sclerotium rolfsii* Sacc. *Research on crops* **3**: 667-669.
3. Chatterjee, H & **Chowdhury, A. K.** (2003). Persistence toxicity of some bio-pesticides against *Pieris brassicae* infesting cauliflower (*Brassica oleraceae* var.*Botrytis* L.). *Annals of Pl. Prot. Sciences* **11**:215-219.
4. **Chowdhury, A. K.** (2003). Control of Sclerotium blight of groundnut by plant growth substances. *Crop Research.* **25**:355-359.
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7. Khalko, S., Bhattacharya, P. M. and **Chowdhury, A. K.** (2004). Fungicidal management against leaf blotch incidence of turmeric (cv.Rh-5). *J. Mycopathol. Res.* **42(2)**:225-227.
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9. **Chowdhury, A. K.**, Chakraborty, P., Sharma, M. and Chakraborty, B. N. (2005). Induction of resistance in rice plants against *Rhizoctonia solani* and associated changes in defence enzymes (in: Stress Biology Eds. U. Chakraborty and B. N. Chakraborty) Narosa Publishing House, New Delhi. pp. 216-221.
10. Chakraborty, P., **Chowdhury, A. K.** and Chakraborty, B. N. (2006). Effectiveness of different methods of inoculation against sheath blight of rice. **33**: 481-482.
11. **Chowdhury, A. K.** and Mitra, P. (2006). Severity of late blight of tomato in terai region of West Bengal and its control. *Environment & Ecology.* **24S (4)**: 1206-1208.
12. Singh, D.P., **Chowdhury, A.K.** and Kumar Pankaj (2007). Management of losses due to seed-borne infection of *Bipolaris sorokiniana* and *Alternaria triticina* in wheat (*Triticum aestivum*) using seed treatment with Vitavax 200WS. *The Indian Journal of Agricultural Sciences.* **77(2)**:101.103.
13. Bandyopadhyay, S., Bhattacharya, P. M., **Chowdhury, A. K.** and Dash, S. K. (2007). Management of leaf blotch and leaf spot of turmeric, *Current Agriculture Research*, **20(1-2)**:1-8.
14. **Chowdhury, A. K.**, Singh, G., Tyagi, B. S., Bhattacharya, P. M. and Singha Roy, A.K. (2008). Assessment of wheat (*Triticum aestivum*) cultivars to boron deficiency

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17. **A. K. Chowdhury**, P. Mukherjee, P.M. Bhattacharya, S. Kundu¹, D. Mandal¹, B. Rudra² and J.K. Ladha³ (2009). Conservation agriculture in northern parts of West Bengal - Constraints and opportunities. Proc. 4th World Congress on Conservation Agriculture. 4th-7th Feb, 2009, New Delhi, INDIA: 116.
18. P. M. Bhattacharya_, **A.K.Chowdhury**, P.Mukherjee, , S.Kundu¹, D.Mandal¹ and B.Rudra². (2009). Impact of bio-inoculation on microbial activity and disease incidence under conservation tillage in terai agro-ecological zone of West Bengal. Proc. 4th World Congress on Conservation Agriculture. 4th-7th Feb, 2009, New Delhi, INDIA: 467.
19. P. Mukherjee, **A. K. Chowdhury**, P.M. Bhattacharya, S. Kundu¹, D. Mandal¹ and B. Rudra² (2009). Weed flora, shifting of weed flora and weed control practices in rice-wheat cropping system under conservation agriculture in *terai* agro-climatic region of West Bengal. Proc. 4th World Congress on Conservation Agriculture. 4th-7th Feb, 2009, New Delhi, INDIA: 416.
20. **A. K. Chowdhury** and P. M. Bhattacharya (2009). Development in Agricultural Technologies-Plant Pathology. Proc. 96th Indian Science Congress Part II: Symposium/Invited Lectures. P-6.

Popular Articles:

1. **Chowdhury, Apurba** (2004). Gamer shishe dana asbe jadi ... Ananda Bazar Patrika, 10th may, 2004.
2. **Chowdhury, Apurba Kr.** (2007). Starting cut flowers business? Some issues. Udyan 23(1).10-12.
3. **Chowdhury, Apurba Kr.** (2007). Sustainable Agriculture:the role of IPM. Souvenir Centenary Year Celebration, Indian Agricultural Research Institute.51-53.
4. **Laha, S. K and Chowdhury, A. K.** (2007). Mushroomer agacha, rog o pokar samasya ebong pratikar (Weed, disease and pest of Mushroom and their management) Annadata, October, pp 26-27.

Books:

1. **Chowdhury, A. K.and Bhattacharya, P. M.** (2007). A Guide to Mushroom Cultivation. UBKV, pp 89.
2. **Chowdhury, A. K.and Bhattacharya, P. M.** (2007). Mushroom Cultivation. UBKV, pp 20.