

CURRICULUM VITAE

1. **Name** : Dr. Dipankar Maiti
2. **Father's name** : Sri Susanta Kumar Maiti
3. **Date of birth** : 1st December, 1959
4. **Nationality** : Indian
5. **Sex** : Male/Female
6. **Marital status** : Married
7. **Professional status** : Senior Scientist, Plant Pathology
(Agricultural Research Service of Indian Council of Agricultural Research)
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12. Academic record:

Degree	University	Year	Major field of study	Divn./Class
B. Sc. (Ag) Hons.	Bidhan Chandra Krishi Viswavidyalaya , Kalyani, WB, India	1979	Agron., Pl. Path., Agril. Chem. & Biochem., Farm Management	I
M. Sc. (Ag), Pl. Path.	-do-	1981	<u>Major</u> : Fungi & Pl. Infection, <u>Minor</u> : Pl. Virology, Pl. Bacteriology, Soil Microbiology	OGPA- 3.88/4.00
Ph. D. (Ag), Pl. Path.	-do-	1987	Biological & cultural control of soil-borne pl. pathogen, <i>Sclerotium rolfsii</i> *	Qualified (traditional system)*
*Thesis title: "Studies on integration of cultural practices in the bio-control of <i>Sclerotium rolfsii</i> in soil".				

- 13. Fellowship/ award** : 1. ICAR Jr. Res. Fellowship to carry out post-graduate research work (1980-81).
2. University (BCKV, Kalyani) Res. fellowship to carry out Ph. D. research work (1982-85).
3. **Jawaharlal Nehru award of the ICAR for the year 1987** on recognition of outstanding post graduate research work done for the Ph. D. degree.
- 14. Service records** : 1. Scientist, Gr. S-1, Pl. Path.; 1985-90; Agricultural Research Service (ICAR)
2. Scientist, Grade- Sr. Scale, Pl. Path.; 1990-1998.; Agricultural Research Service (ICAR)
3. Senior Scientist, Pl. Path.; 1998-2006.; Agricultural Research Service (ICAR)
4. Principal Scientist, Pl. Path.; 2006-continuing.; Agricultural Research Service (ICAR)
- 15. Field of specialisation** : 1. Ecology and bio-control of Soil borne pl. pathogens 1981-84: Ecology and integrated management of *Sclerotium rolfsii* (stem rot of peanut) using non-chemical approaches including

augmenting natural antagonists through use of soil amendments, soil solarisation and use of potentially superior strains of antagonists (*Gliocladium* and *Trichoderma*).

2. Sheath rot (*Sarocladiu oryzae*) of rice (1985 - 92): Epidemiology, and integrated management of sh. rot of rainfed upland rice.
3. Integrated Pest Management (1990-2005): Integration of management components of diseases, insects and weeds of upland rice for development of economically viable and technically feasible IPM strategy
4. VA-Mycorrhiza (1993 - continuing): Ecology and utilisation of native VA-Mycorrhizal fungi under rainfed upland ecosystem for improvement of upland rice and rice based cropping systems.

- 16. Advanced training workshop/course attended** : 1. Advanced training on “**Integrated Pest Management in rice**” during 19 Nov. to 25 Dec., 1992 at International Rice Research Institute, Los Banos, Philippines.
2. Advanced training workshop on “**Research Methodologies in Mycorrhizae**” during 4 - 17 Oct., 1995 at Tata Energy Research Institute, New Delhi, India
3. Advanced training workshop on “**Developing HPLC Separations**” during 16-18 June, 2003 at Calcutta; Organized by Waters India Ltd.
- 17. Publication** : Book chapter-6
Research papers in journals- 34
Abstracts in Proc. of Symposium & Seminars- 39
- 18. Language proficiency** : 1. Mother tongue: Bengali
2. Language used in higher education: English
3. Working knowledge in other Indian languages: Hindi
- 19. Membership of** : 1. Indian Phytopathological Society (Life member)

professional
societies

2. Association of Rice Research Workers (Life member), India
3. Biotech International; Reed Elsevier Publ.

List of publications

Book Chapter

1. Maiti, D., Barnwal, M. K. Singh R. K. and S. K. Rana. 2008. Approaches to utilize native Arbuscular Mycorrhizal association for improving P nutrition in upland rice under rainfed ecosystem. Pp 193-199. In: ***Mycorrhiza: Diversity, Ecology and Application***, ed. M. Tiwari and S. C. Sati, Daya Publishing House, New Delhi, India, 359 p.
2. Maiti, D. and Variar, M. and Saha, J. 2006. Exploring possibilities of enhancing native VAM association for improvement of upland rice (*Oryza sativa* L.) under rainfed agroecosystem pp 79-82. In: “***Mycorrhiza***” ed. Anil Prakash & V. S. Mehrotra, Scientific Publ. (India), Jodhpur, 319 p.
3. Saha, R., Saha, J., Bhattacharya, P. M., **Maiti, D.**, and Chaudhury, S. 2006. Arbuscular Mycorrhizal responsiveness of two rice varieties in nutrient deficient latterite soil, pp21-25. In: “***Mycorrhiza***” ed. Anil Prakash & V. S. Mehrotra, Scientific Publ. (India), Jodhpur, 319 p.
4. **Maiti, D.**, Barnwal, M. K & Singh, R. K. 2005. Influence of off-season tillage schedule on native AM fungal population under upland rice ecosystem, In “***Ecology and Biotechnology of Mycorrhiza***”, ed. G D Sharma & D K Jha, Publ. Today and Tomorrow Press, New Delhi (In Press)
5. Maiti, D., Variar, M, and Saha, J. 1995. Colonisation of upland rice by native VAM under rainfed mono-cropped ecosystem, pp 45-52. In: ***Recent Advances in Phytopath. Res.***, ed. A K Roy & K K Sinha, M D Publ. Ltd., New Delhi, India, 211 p.
6. Sen, C., Maiti, D. and Pan, S. 1995. Integrated Management of *Sclerotium rolfsii*: Status, prospects and future. In: ***IPM Systems***, Publ. Directorate of Pl. Protection, Quarantine and Storage, India (in Press).

Research paper in Journals

1. Maiti, D., Barnwal M. K. and Singh, R. K. 2008. Exploring possibility of utilizing native arbuscular mycorrhizal fungi for improving phosphorus nutrition in transplanted rice (*Oryza sativa* L.) of plateau region. ***Indi. Phytopath.*** **61** (3): In press
2. Maiti, D., Shukla, V. D., Variar, M., Md. Mokhtar Mehdi and Rath P. C. 2007. Validation of IPM strategy for rainfed upland rice (*Oryza sativa* L.) under medium rainfall plateau of Eastern India through on-farm trials. ***Oryza.*** **44** (2): 140-144
3. Maiti, D., Barnwal, M. K., Rana, S. K, Variar, M. and Singh, R. K. 2006. Enhancing native arbuscular mycorrhizal association to improve phosphorus nutrition of rainfed upland rice (*Oryza sativa* L.) through cropping systems. ***Ind. Phytopath.*** **59** (4): 432-438.
4. Barnwal, M. K., Prasad, S. M. and Maiti, D. 2003. Efficacy of fungicides and bioagents against *Stemphytium* blight of onion. ***Ind. Phytopath.*** **56**(3): 291-292

5. Maiti D, Sulochana Kumari Rana and Prasad A N. 2002. Influence of rice-legumes intercropping on native vesicular-arbuscular mycorrhizal association in rice. *Ind. Phytopath.*, **55** (1): 75-78.
6. Rana, Sulochana Kumari, Maiti, D., Barnwal, M. K., Singh, R. K. and Variar, M. 2002. Effect of rice based intercropping systems on vesicular-arbuscular mycorrhizal colonization, P uptake and yield. *Indian Journal of Agricultural Sciences*, **72** (7): 400-403.
7. Maiti, D., Variar, M., Shukla, V. D. and Bhattacharya, N. 2000. Integrated Disease Management in rainfed upland rice. In: *Proc. IPS Golden Jubilee Inter. Conf. on Integrated Pl. Dis. Management for Sustainable Agril.* (10-15 Nov. 1997, IARI, New Delhi, India), **Vol. II**: 824-825.
8. Maiti, D., Singh, R. K., Singh, C. V. and Saha, J. 2000. Influence of tillage practices and rice based cropping systems on native VAM fungal population under rainfed upland ecosystem. *Mycorrhiza News*, **12** (2): 18-20.
9. Maiti, D. and Variar, M. 2000. Effects of different rice based cropping systems on population dynamics of native VA-Mycorrhizal fungi under upland ecosystem. *Mycorrhiza News*, **12** (3): 15-18.
10. Chauhan, J. S., Variar M, Shukla, V. D., Maiti, D., Bhattacharya, N. and Lodh, S. B. 2000. Screening rice genetic resources for major diseases of uplands and quality traits of resistant donors. *Ind. Phytopath.*, **53** (1): 80-82.
11. Singh, R. K., Singh, C. V., Sinha, P. K., Maiti, D. and Prasad, K. 2000. Effect of soil texture, moisture regime and cultivars on root and shoot development in upland rice (*Oryza sativa*). *Ind. J Agril. Sci.*, **70** (11): 730-735.
12. Maiti, D., Variar, M., Singh, R. K., Singh, C. V. and Saha, J. 1997. Enhancing VA-mycorrhizal association in rainfed upland rice based cropping systems. *Mycorrhiza News*, **8** (4): 11-13.
13. Maiti, D., Variar, M. and Shukla, V. D. 1997. Interactive effects of phosphorus and potassium on sheath rot development in rainfed rice. *Col. J. Life Sci.*, **3** (1-2): 98-101.
13. Chauhan, J. S., Variar, M., Maiti, D. and Shukla, V. D. 1997. Genetics of leaf blast (*Pyricularia oryzae*) resistance in rainfed upland rice. *Ind. Phytopath.*, **50** (4): 482-484.
14. Maiti, D., Variar, M. and Shukla, V. D. 1996. Integrated Pest Management schedule for upland rice in rainfed ecosystem. *Oryza*, **33** (4): 267-272.
15. Sinha, P. K., Singh, R. K., Mishra, G. N., Maiti, D., Shukla, V. D. and Variar, M. 1996. Rainfed upland rice- Future strategy. *Ind. Farming*, **46** (9): 25-28.
16. Maiti, D., Variar, M., Singh, R. K. 1996. Perpetuation of native VAM fungi under mono-cropped, rainfed upland agro-ecosystem. *Mycorrhiza News*, **8** (1): 7-9.
17. Maiti, D., Variar, M. and Shukla, V. D. 1995. Integrated sheath rot management in rainfed upland rice. *Oryza*, **32** (2): 104-109.
18. Shukla, V. D., Variar, M., Chauhan, J. S., Maiti, D., Singh, R. K. 1996. Comparative evaluation of seedling growth characters of brown spot infected seed in selected genotypes of Upland rice. *Seed Research*, **24** (1): 71-72.
19. Shukla, V. D., Chauhan, J. S, Variar, M. and Maiti, D. 1996. Resistance in traditional rainfed rice cultivars for bacterial leaf blight (*Xanthomonas campestris* pv *oryza*). *Ind. J. Pl. Genet. Resources*, **9** (2): 319-321.

20. Chauhan, J. S., Variar, M., Maiti, D. and Shukla, V. D. 1995. Inheritance of leaf blast resistance in two crosses of upland rice. *Ind. Phytopath.*, 48 (4): 436-438.
21. Chauhan, J. S., Variar, M., Shukla, V. D., Maiti, D., Chauhan, V. S., Tomar J.B., and Singh, M. P. 1995. Rice genetic resource programme in the plateau region of Bihar. *Ind. J. Pl. Genet. Resources*, 8 (1): 1-10.
22. Shukla, V. D., Chauhan, J. S., Variar, M., Maiti, D., Chauhan, V. S. and Tomar, J. B. 1995. Reaction of traditional rainfed rice accessions to brown spot, blast and sheath rot diseases. *Ind. Phytopath.*, 48 (4): 436-438.
23. Shukla V. D, Chauhan, J. S, Maiti, D., Tomar, J. B. and Chauhan, V. S. 1995. Variation in agro-morphological characters in rainfed rice cultivars of the plateau region of Bihar. *Oryza*, 33 (2): 110-114.
24. Variar, M., Maiti, D. and Shukla, V. D. 1993. Efficacy of fungicide formulations on management of rice blast (*Pyricularia oryzae*) in rainfed uplands. *Ind. J. Agril. Sci.*, 63 (6): 386-389.
25. Maiti, D., Dasgupta, B. and Sen, C. 1991. Antagonism of *Trichoderma harzianum* and *Gliocladium virens* isolates to *Sclerotium rolfsii* and biological control of stem rot of groundnut and betelvine. *J. Biol. Control*, 5 (2): 105-109.
26. Maiti, D., Shukla, V. D. and Variar. M. 1991. A linear predicting model for assessing yield loss in upland rice due to sheath rot. *Oryza*, 29: 173-174.
27. Maiti, D., Variar, M. and Shukla, V. D. 1991. Off-season perpetuation of *Sarocladium oryzae* under mono-cropped rainfed ecosystem. *Ind. Phytopath.*, 44 (4): 454-457.
28. Shukla, V. D., Chauhan, J. S., Chauhan, V. S., Maiti, D., Variar, M. and Lodh, S. B. 1991. Quality characteristics of some BLB resistant rice genotypes. *Ind. J. Pl. Genet. Resources*, 4 (1): 88-89.
29. Variar, M., Chauhan, J. S., Maiti, D. and Chauhan, V. S. 1991. Varietal variation in termite susceptibility in rice. *Inter. Rice Res. Newsl.*, 16 (2): 15.
30. Variar, M., Chauhan, J. S., Maiti, D., Chauhan, V. S. and Lodh, S. B. 1990. Evaluation of diverse rice genetic resources for blast disease and quality traits of some blast resistant donors. *Ind. J. Pl. Genet. Resources*, 3 (1): 28-34.
31. Variar, M. and Maiti, D. 1987. Response of indigenous rice varieties to blast in endemic areas. *Ind. J. Mycol. Pl. Path.*, 18 (2): 186-187.
32. Maiti, D., Kole, C. R. and Sen, C. 1985. Anti-microbial efficacy of some essential oils. *Z. fur Pflanzenk Pflanz. (J. Pl. Dis. & Prot.)*, 92 (1): 64-68.
33. Maiti, D. and Sen, C. 1985. Integrated bio-control of *Sclerotium rolfsii* with nitrogenous fertilisers and *Trichoderma harzianum*. *Ind. J. Agril. Sci.*, 55 (7): 464-468.

Abstracts in Journals

1. Maiti, D. and Barnwal, M. K. 2003. A new inoculum production technique of native arbuscular mycorrhizal fungi for upland rice (abstr.). *Ind. Phytopath.* 56(3): 309.
2. Maiti, D., Variar, M. and Shukla, V. D. 1991. Low input management of sheath rot of rice under rainfed uplands (abstr.). *Ind. Phytopath.* 44 (suppl.): II.

Accepted

Res. Paper in Journals

1. Maiti, D., Barnwal, M. K., Singh R. K. and Variar, M. 2008. A new protocol for in-farm production method of native arbuscular mycorrhizal fungal mass inoculum suitable for rainfed upland rice. *Ind. Phytopath.*
2. Maiti, D., Barnwal, M. K., Sulochana Kumari Rana and Mandal, N. P. 2008. Exploring possibilities of partial drought mitigation in upland rice (*Oryza sativa* L.) through enhancing native arbuscular mycorrhizal (AM) association. *Mycorrhiza News*.

Communicated

1. Maiti, D., Mandal, N. P., Variar, M., Shukla, V. D., Sinha, P. K., Elazegui, F. and Javier, E. 2008. On-farm validation of improved seed production methods for upland rice. *Oryza*.

Abstracts in Proceedings (Seminar/Symposium/Conference)

Presentation made by the author designated by name underlined

1. **Maiti, D.** & Singh, R. K. 2008. Refinement of identified cropping systems for optimum efficacy of native arbuscular mycorrhizal association in improving phosphorus nutrition of upland rice. Proc. Nat. Symp. On Plant Disease Scenario in organic agriculture for eco-friendly sustainability” January 10-12, 2008, Regional Wheat Rust Res. Station (MP Krishi Vidyapith), Mahabaleswar, Maharashtra State, India.
2. **Maiti, D.** & Singh, R. K. 2007. Improving efficacy of native arbuscular mycorrhizal fungi for phosphorus acquisition in upland rice through *Azospirillum* back up (abstr.). pp 40, *Proc. Nat. Symposium on Plant Pathogens : Exploitation and Management*, January 16-18, 2007, Rani Durgavati University, Jabalpur, MP, India.
3. **Variar, M.**, Sinha, P. K., Shukla, V. D., **Maiti, D.**, Mandal, N. P. & Singh, C. V. 2006. Energy and resources efficient technologies for the establishment and management of upland rice based systems (abstr.). p 487, *Proc. 2nd International Rice Conference*, October, 9-13, 2006, New Delhi, India.
4. **Maiti, D.**, Barnwal, M. K. and Singh, R. K. 2006. Cultural management option to enhance native arbuscular mycorrhizal association in rice (*Oryza sativa* L.) for improved phosphorus nutrition under rainfed uplands (abstr.). pp 119, *Proc. Nat. Symposium on Emerging Plant Diseases, Diagnosis and Management*, January 31 to February 2, 2006, North Bengal University, Siliguri, WB, India.
5. **Maiti, D.**, Barnwal, M. K., Rana, S. K., Singh, R. K., Shukla, V. D. and Variar, M. 2004. Attempts to enhance native arbuscular mycorrhizal support to upland rice for better phosphorus acquisition (abstr.). pp 398, *Proc. International Symp. on Rice: From Green Revolution to Gene Revolution*”, Oct., 4-6, 2004, DRR, Hyderabad, AP, India.
6. **Shukla, V. D.**, Variar, M, Mandal, N. P., Sinha, P. K., **Maiti, D.** and Singh, C. V. 2004. Resistance to diseases in traditional rainfed rice germplasm collected from Chattisgarh. pp 33, *Proc. Nat. Conference on increasing rice production under water limited environment*, Dec. 3-4, 2004, BAU, Ranchi, India.

7. Shukla, V. D., Singh, C. V., **Maiti, D.**, Variar, M., Sinha, P. K. and Mandal, N. P. 2004. Effect of lime on incidence of Brown spot of rice in rainfed upland ecosystem. pp 76, *Proc. Nat. Conference on increasing rice production under water limited environment*, Dec. 3-4, 2004, BAU, Ranchi, India.
8. Singh, C. V., Singh, R. K., Shukla, V. D., Chauhan, J. S., **Maiti, D.** and Sinha, P. K. 2004. Outcome of decade of research on upland cropping systems. pp 72, *Proc. Nat. Conference on increasing rice production under water limited environment*, Dec. 3-4, 2004, BAU, Ranchi, India.
9. Sinha, P. K., Variar, M, Shukla, V. D., **Maiti, D.** and Mandal, N. P. 2004. Integrated approaches to improve productivity in upland rice ecosystems. pp 72, *Proc. Nat. Conference on increasing rice production under water limited environment*, Dec. 3-4, 2004, BAU, Ranchi, India.
10. Variar, M., **Maiti, D.**, Shukla, V. D., Sinha, P. K., Mandal, N. P., Bhatt, J. C., Sengar R. B. S, Das, A. B., Veracruz, C. and Courtois, B. 2004. Current status of pathogenic variability in *Pyricularia grisea* and genetics of resistance to blast in rice. pp 6, *Proc. International Symposium on rainfed rice ecosystems: perspective and potential* 11-13 Octo.2004, IGAU, Raipur, India.
11. Sinha, P. K., Variar, M, Shukla, V. D., **Maiti, D.** and Mandal, N. P. 2004. Upland rice : Challenges and opportunities. pp 4, *Proc. International Symposium on rainfed rice ecosystems: perspective and potential*. 11-13 Octo.2004, IGAU, Raipur.
12. **Maiti D.**, Variar, M. and Shukla, V. D. 2004. Lessons from farmer participatory integrated pest management in upland rice. pp 294, *Proc. International Symposium on rainfed rice ecosystems: perspective and potential*. 11-13 Octo.2004, IGAU, Raipur, India.
13. Sinha, P. K., Variar, M, Shukla, V. D., **Maiti, D.** and Mandal, N. P. 2004. Integrated approaches to improve productivity in upland rice ecosystems. *Proc. Nat. Conference on increasing rice production under water limited environment*, Dec. 3-4, 2004, BAU, Ranchi, India.
14. Variar, M., **Maiti D.**, Sinha, P. K., Mandal, N. P. and Shukla, V. D. 2004. Recent Advances in blast resistance gene deployment in rice (extended summary). pp 112-115, *Proc. Seminar on Boro Rice and Strategies for Enhancing Rice Production and Productivity in the Northeast.*, 216 p., 23-24 August, 2004, ICAR Res. Complex for NEH, Agartala (Tripura), India.
15. Maiti, D., Barnwal, M. K., Rana, S. K., Singh, R. K. and Variar, M. 2003. Utilization of native vesicular-arbuscular mycorrhizal fungi for improvement of upland rice. pp 11, *Proc. Symp. on Micro-organisms in relation to Crop Health in Eastern India & IPS Zonal (Eastern) Ann. meeting (2003)* , 18-19 November, 2003, Dept. of Plant Pathology, BCKV, Mohanpur, WB, India.
16. Maiti, D., Barnwal, M. K., Rana, S. K., Singh, R. K. and Singh, C. V. 2002. Improving phosphorus acquisition in upland rice by enhancing native arbuscular mycorrhizal association through cropping systems. pp 50, *Proc. Nat. Symp. on Upland Rice Production Systems*, 26-28 Sept. 2002, Central Rainfed Upland Rice Research Station, Hazaribag, Jharkhand, India.
17. Maiti, D., Barnwal, M. K., Rana, Sulochana Kumari and Singh, R. K. 2002. Possible avenues of utilizing native VA-Mycorrhizal fungi for augmenting phosphorus

- acquisition by rainfed upland rice (abstr.). pp 104-105, **Proc. 52nd Ind. Phytopath. Soc. Annual Conference**, 22-24 January, 2002, CPCRI, Kasadgode, Kerala, India,.
18. Singh, R. K., Jha, Mamta and Maiti, D. 2001. Rice eco-system and its scenario in Jharkhand state. **Proc. 4th Workshop on Socio-economic dynamics of Changes in Rice Production System in eastern India**, 9-11 July, 2001, CRRI, Cuttack.
 19. Maiti, D., Rana Sulochona Kumari, Barnwal, M. K., Singh, R. K. and Singh, C. V. 2001. Enhancement of Phosphorus uptake in upland rice (*Oryza sativa* L.) by augmenting native VA-Mycorrhizal colonization through cropping systems (abstr.). pp 123, **Proc. Inter. Conf. on Nature Farming and Ecological Balance**, 7-10 March, 2001, CCS Haryana Agril. Univ., Hisar, India.
 20. Maiti, D., Variar, M. and Saha, J. 1999. Exploring possibilities of enhancing native VAM association for improvement of upland rice under rainfed agro-ecosystem (abstr.). pp 28, **Proc. Nat. Conf. on Mycorrhiza**, 5-7 March, 1999, Barkhatullah University, Bhopal, MP, India.
 21. Saha, R., Saha, J., Bhattacharya, P. M., Maiti, D. and Chowdhury, S. 1999. Arbuscular mycorrhizal responsiveness of two varieties in nutrient deficient laterite soil (abstr.). pp 28, **Proc. Nat. Conf. on Mycorrhiza**, 5-7 March, 1999, Barkhatullah University, Bhopal, MP, India.
 22. Maiti, D. and Saha, J. 1998. Ecological aspects of VAM fungi in rainfed upland agro-ecosystem of South Bihar plateau (abstr.). **Proc Nat. Conf. on Recent Trends in Biotech. and Microbiol. Res.**, 20-21 May, 1998, JJ College of Arts and Sci., Podukottai, India.
 23. Maiti, D., Variar, M., Shukla, V. D. and Bhattacharya, N. 1997. Integrated Disease Management in rainfed upland rice (abstr.). pp 401, **Proc. Inter. Conf. on Integrated Pl. Dis. Management for Sustainable Agril.**, 10-15 Nov., 1997, IARI, New Delhi, India.
 24. Maiti, D., Variar, M. and Shukla, V. D. 1996. Integrated disease management in rainfed upland rice (abstr.). In: **Proc. Ind. Phytopath. Soc. 48th Ann. Meeting**, 14-16 Feb., 1996, PAU, Ludhiana, India.
 25. Chauhan, J. S., Variar, M., Maiti, D. and Shukla, V. D. 1996. Genetics of leaf blast resistance in rainfed upland rice (abstr.). **Proc. Ind. Phytopath. Soc. 48th Ann. Meeting**, 14-16 Feb., 1996, PAU, Ludhiana, India.
 26. Sridhar, R., Shanti, M. L., Singh, U. D., Variar, M., Maiti, D., Reddy, J. N., Sinha, P. K., George, M. L. C., Bernardo, M. R., Nelson, R. J. 1996. Molecular characterisation of bacterial blight and blast pathogen population of India and breeding for cultivars with bacterial blight and blast resistance genes. pp 95-97, **Proc. V Ann. Meeting of Nat. Rice Biotech. Network**, , 13-16 Nov. 1996, IARI, New Delhi, India.
 27. Maiti, D., Variar, M. and Shukla, V D. 1994. Influence of drought on Integrated Pest Management schedules in rainfed upland rice (abstr.). pp 4, **Proc 7th IPS (Eastern zonal) Ann Meeting and Symp. on Pl. Dis. Management and Environment**, , 16-17 Dec., 1994, OUAT, Bhubanashwar, Orissa, India.
 28. Maiti, D. and Variar, M. 1993. Colonisation of upland rice by native VAM under rainfed mono-cropped ecosystem (abstr.). pp 8, **Proc. 6th. Ann. IPS (Eastern zone) Meeting**, , 10-11 Dec., 1993. TM Bhagalpur University, Bihar, India.

29. Chauhan, J. S., Variar, M., Shukla, V. D Maiti, D., Chauhan, V. S. and Tomar, J. B. 1993. Rice genetic resource programme in the plateau region of Bihar. pp 61, **Proc. Ind. Soc. Pl. Genet. Resources Dialogue on Pl. Genet. Resources**, 1-2 Dec., 1993, NBPGR, New Delhi, India.
30. Maiti, D., Variar, M., and Shukla, V. D. 1991. Low input management of sheath rot of rice under rainfed uplands (abstr.), pp 11, **Proc. 43rd IPS ann. Meeting and Nat. Symp. on Innovative Non-Chemical Methods for the Management of Pl. Diseases**, 30 Dec., 1991 - 2 Jan., 1992, Bhavanagar Univ., Gujarat, India.
31. Variar, M., Shukla, V. D. and Maiti, D. 1991. Utilisation of plant genetic resources for rice blast management in rainfed upland ecosystem of plateau region of Bihar. pp 18, **Proc. Nat. Sem. On Resource Management for Hill Agril.**, 28-30 Nov., 1991, ICAR Res. Complex for NEH Region, Shillong, India.
32. Variar, M., Maiti, D. and Shukla, V. D. 1990. Blast Management with host resistance in rainfed upland ecosystem (abstr.), pp 215, **Proc Inter. Symp. on Rice Res.: New Frontiers**, 14-18 Nov., 1990, DRR, Hyderabad, India.
33. Variar, M, Maiti, D. and Shukla, V. D. 1990. Rice diseases and their management in Bihar, *Status paper* presented in the **Ann. Rice Workshop (Pl. Path. Chapter)**, 23-24 March, 1990, DRR, Hyderabad, India.
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