

## *Brief Resume of Ms. Haritha Mohan M*

**Ms. Haritha Mohan M, M.Sc.**

**Scientist: Plant Pathology**

**ICAR-Mahatma Gandhi Integrated Farming Research Institute**

(MGIFRI), Piprakothi- 845429, Motihari, East Champaran, Bihar

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### *Research Specialization*

Plant Pathology- Fungal Pathology, Mycology, Detection and diagnosis of Fungal bacterial and viral disease, Plant Disease management, Disease resistance, Advance techniques in Plant Pathology, Biological control, Molecular basis of Plant Microbe interaction.

### *Academic Background*

2014-2018 B.Sc. (Ag.), First Class University of Agricultural Sciences, GKVK, Bangalore  
2018-2020 M.Sc.(Ag.) Plant Pathology, First Class, Indian Agricultural Research Institute, New Delhi  
2020-cont Ph.D (Ag.) Plant Pathology Indian Agricultural Research Institute, New Delhi

### *Professional Service Experience*

2023- cont Scientist ICAR- Mahatma Gandhi Integrated Farming Research Institute (MGIFRI), Motihari, Bihar

### *Awards, Honours & Recognitions*

2014-2018 ICAR National Talent Scholarship (NTS) , New Delhi  
2018-2020 ICAR Junior Research fellowship New Delhi  
2020-2023 ICAR Senior Research Fellowship New Delhi  
2021 Best Poster presentation award, INDIAN PHYTOPATHOLOGICAL SOCIETY National e Conference Plant Health and Food Security: Challenges and Opportunities MARCH 25-27, 2021  
2021 ICAR-ARS NET

### *Publications*

Total: 7, Research Paper: 3 Review Paper : 1, Book chapter: 1, Popular article:2.

### *Best-10 Publications*

Best-4 Publications

1. Malkhan Singh Gurjar, **Haritha Mohan M**, Jagmohan Singh, Mahender Singh Saharan, Rashmi Aggarwal. (2021) Tilletia indica: biology, variability, detection, genomics and future perspective Indian Phytopathology, 74:21–31

2. Darshan K, Rashmi Aggarwal, Bishnumaya Bashyal, and **Haritha Mohan M** (2021). Deciphering the network of interconnected pathways of *Chaetomium globosum* antagonistic related genes against *Bipolaris sorokiniana* using RNA seq approach. *J. Biol. Control* 34 (4), 258–269
3. Pothiraj,G., Shanmugam,V., Tyagi,A., Hussain,Z., Aggarwal,R., **Haritha, M.M.**, Manikandan, K., Singh, A.K., Krishnan, G. (2023). Physiological race characterisation of *Fusarium oxysporum* strains infecting tomato employing candidate pathogenicity genes and host resistance. *World Journal of Microbiology and Biotechnology*. 39:66.
4. **Haritha Mohan M**, Malkhan Singh Gurjar, Prachi Jain, Naresh Kumar, Mahender Singh Saharan& Rashmi Aggarwal Differential gene expression analysis in germinating and dormant teliospores of *Tilletia indica* using RNA seq approach (2023) *Indian Journal of Experimental Biology*

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