



Mohan K. S. *Ph.D*
Advisor

Biotech product development & Stewardship

Entire career of ~40 years has been in the area of R&D of insect-control technologies for plantation crops, horticultural crops, cotton, and corn.

Institutional experience: ICAR, Agricultural Research Service, Scientist/Senior Scientist at CPCRI, Kasaragod, IIHR, Bangalore (20 years); Lead, Biotech Product Support & Stewardship with Monsanto (India) – 18 years. Currently engaged with Rasi Seeds Pvt. Ltd., as R&D advisor.

Major accomplishments: Formulated and managed, pre- and post-approval product stewardship programs for Bt cotton and Bt maize in India. Specifically, established and managed Bt trait quality assurance testing platforms on molecular events, season-long transgene(s) expression, bollworm-control efficacy, Bt resistance monitoring, and product trouble-shooting. Strategized and implemented IRM for Bollgard® and Bollgard II® through partnership projects with public & private stakeholders. Validated the Refuge-in-bag (RIB) approach for assured planting of non-Bt cotton ‘Refuge’ in the farmer’s fields through the collaborative field- trials with CICR, Nagpur, and State Agric. Universities. RIB for Bt cotton was approved by Indian Regulators in 2016 and implemented in full by the Bt cotton seed producers from the kharif of 2018.

Passionate about scientific outreach and public advocacy in biotechnology.

Academic Qualifications: B.Sc (Hons) and M.Sc (Hons) in Microbiology from Panjab University, Chandigarh, and a Doctorate degree in Insect Virology from the Indian Institute of Science, Bangalore (1991). Post-doctoral position at Oakland University, MI, in a General Electric project on microbial remediation of Industrial pollutants.

Published >50 research papers in peer-reviewed journals and written 10 published book chapters. Holds four US patents on *Bt* product development, as a co-author.