



Screening of different germplasms against floral malformation of mango in Eastern Bihar

GIREESH CHAND, J.N. SRIVASTAVA*, SUNIL KUMAR¹ AND R. KUMAR²
Department of Plant Pathology, Bihar Agricultural University, Sabour, BHAGALPUR (BIHAR) INDIA
(Email : j.n.srivastava1971@gmail.com)

Abstract : Mango germplasm comprised of 51 varieties was evaluated for resistant/tolerance against panicle malformation at Sub Tropical Fruit Farm, Department of Horticulture, Bihar Agricultural University, Sabour, Bhagalpur. Out of these only Rumani was Resistant, 31 were tolerant, 5 were moderately tolerant and 9 were moderately susceptible. While Neelam was highly susceptible under the climatic condition of this region. Attack was highest in Neelam (50.00 %) followed by the Gulabkhas (31.2), Irvin (31.00 %) and Amrapali (27.4 %) and lowest in Lalmohan (1.3 %) followed by Latkampoo, Maldah (Surajgarha), and Mulayamjam (1.5 %) and Gaurjeet (1.8 %). The resistant and lowest affected varieties may be used for incorporating their immune/tolerance in the other commercial varieties through breeding programme.

Key Words : Mango crop, *Mangifera indica*, Malformation, Germplasm

View Point Article : Chand, Gireesh, Srivastava, J.N., Kumar, Sunil and Kumar, R. (2013). Screening of different germplasms against floral malformation of mango in Eastern Bihar. *Internat. J. agric. Sci.*, **9**(2): 499-503.

Article History : Received : 08.10.2012; Revised : 09.02.2013; Accepted : 10.03.2013

* Author for correspondence

¹School of Agricultural Sciences and Rural Development, Nagaland University, MEDZIPHEMA (NAGALAND) INDIA

²Department of Horticulture, Bihar Agricultural University, Sabour, BHAGALPUR (BIHAR) INDIA