

Evaluation of horse gram germplasms for resistance to the root-knot nematode, *Meloidogyne incognita*

H. Ravindra¹, P. Rudraswamy², Mukesh Sehgal³ and S. Shivanna⁴

Received February 19, 2013 and Accepted April 27, 2013

ABSTRACT : Horse gram is one of the lesser known beans. It is a legume of the tropics and subtropics, cultivated mostly under dry-land agriculture, especially in southern Indian states. The crop is susceptible to many viral diseases and fungal diseases. This crop is included in crop rotation program to minimize the root-knot nematode population in FCV tobacco cultivation. Of late, horse gram is noticed to be infected with root-knot nematodes. In a field trial 91 germplasms were evaluated against root-knot nematode for their resistant reaction. Fourteen germplasms were highly resistant, sixty nine germplasms read resistant, while eight germplasms recorded to be moderately resistant. None were found immune or susceptible.

Key Words : Horse gram (*Macrotyloma uniflorum*), *Meloidogyne incognita*.