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**SCREENING OF CLUSTER BEAN GERmplasm AGAINST PIGEON
PEA CYST NEMATODE, *HETERODERA CAJANI* KOSHY,
USING A NEW TECHNIQUE**

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Abstract

Cluster bean (*Cyamopsis tetragonoloba* (L) Taub.), an annual summer legume is grown for feed, green fodder, vegetable, green manuring and seed purposes. *C. tetragonoloba* was first reported as a host of *Heterodera cajani* (Bhatti & Gupta, 1973). Subsequently, it has been reported to be widespread in cluster bean growing areas of Haryana (Walia *et al.*, 1985) and Rajasthan (Datta *et al.*, 1987) in India, where its incidence was recorded to be 41 and 29% respectively. In pathogenicity trials, we have observed that even low populations (500 larvae/kg soil) of *H. cajani* drastically reduced plant growth. At 5000 larvae/kg soil some of the plants were even killed (unpublished). The available germplasm of cluster bean were therefore screened against *H. cajani* so as to locate sources of resistance.