

*Nematology Laboratory, Department of Entomology
Mahatma Phule Agricultural University, Rahuri-413 722, India*

REACTION OF EGGPLANT CULTIVARS AND *SOLANUM*
SPECIES TO *MELOIDOGYNE INCOGNITA*

by

M. L. SONAWANE and K. S. DAREKAR

Sixtysix cultivars of eggplant (*Solanum melongena* L.) and five *Solanum* species were tested for their reaction to *Meloidogyne incognita* (Kofoid *et* White) Chitw. Two seedlings of each were grown in 15 cm diameter clay pots (4 per treatment) containing 500 g of a 3:1 mixture of autoclaved soil and farm yard manure. Twentyone days after planting the seedlings, each pot was inoculated with 500 freshly hatched larvae of *M. incognita*. After a further 40 days the experiment was discontinued and each plant was indexed for root galling on 1 to 5 scale.

Only two of the treatments, *S. melongena* L. cv. Black Beauty and *S. sisymbriifolium* Lam. were free from galls and are considered to be highly resistant. The cultivar Giant of Banaras and the wild *Solanum* species viz., *S. indicum* L. and *S. khasianum* Clarke had few galls and are considered to be moderately resistant to *M. incognita*. The vast variety of the cultivars tested were susceptible.

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