

REACTIONS OF COWPEA CULTIVARS AND LINES TO *MELOIDOGYNE INCOGNITA*

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Abstract

Cowpea cultivars, lines/selections and crosses were rated in replicated tests in a screenhouse and the field for their reactions to root-knot nematode, *Meloidogyne incognita*. Based on gall formation, egg-mass production on roots, nematode juvenile survival and reproductions, plants were indexed for relative resistance or susceptibility. Fifty-five of the 76 lines tested were either highly or moderately resistant to *M. incognita*. Reaction appear to be independent of the phenotype and agronomic characteristics considered.