

## Occurrence of *Meloidogyne javanica* on groundnut in Andhra Pradesh

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ICRISAT surveys of groundnut-producing regions in the coastal and Rayalaseema districts of Andhra Pradesh during 1987 and 1988 revealed the presence of second-stage juveniles of the root-knot nematode, *Meloidogyne* sp. in soil samples collected from the rhizosphere of groundnut plants in Pallipalem (Dist. Prakasham) and Guttivaripalli (Dist. Chittoor) (Sharma, 1988). Mild galling of root systems was noticed in the Pallipalem area. The nematode-infested soils collected from these areas were placed in 15 cm diameter pots, and sown with seeds of groundnut cultivar JL 24. After 60 days, root systems of the groundnut plants were carefully examined and they were found to be severely galled, containing mature *Meloidogyne* females and egg sacs. The species was identified as *Meloidogyne javanica* (Treub) Chitwood on the basis of second-stage juveniles, females, and perineal pattern. This species has been reported to infect groundnut in Gujarat by D.J. Patel, Gujarat Agric. Univ., Anand, Gujarat (personal communication) and in Punjab by Sakhuja (1984), but this is the first report of its occurrence on groundnut in Andhra Pradesh.

### REFERENCES

- Sakhuja, P.K.** (1984). Ph.D. thesis, Indian Agricultural Research Institute, New Delhi.
- Sharma, S.B.** (1988). *Int. Arachis Newslt.* 3: 11-13.