CONTENTS

Intraspecific variations of *Ditylenchus myceliophagus* Goodey, 1958 in relation to hosts, temperature and age of nematode culture
--Debanand Das and Harish K. Bajaj
-- 1

New and known species of *Ditylenchus* Filipjev, 1936 from Haryana, India
--Debanand Das and Harish K. Bajaj
-- 11

Persistence of *Heterorhabditis indica* on chickpea foliage
--Prabhruraj, A.K.S. Girish and Shivaleela
-- 24

Effect of plant extracts and their potentized doses against root-knot nematode, *Meloidogyne incognita* on tomato
--G. Rajendran and V. Saritha
-- 28

Management of root-knot nematode, *Meloidogyne incognita* on tomato by using indigenous isolates of AM fungus,*Glomus fasciulatum*
--V. Kantharaju, K. Krishnappa, N.G. Ravichandra and K. Karuna
-- 32

Integrated management of nematode complex on banana
-- 37

Interaction of pigeonpea cyst nematode *Heterodera cajani* and *Macrophomina phaseolina* on greengram (*Vigna radiata*)
--M. Zareenaa Begum and M. Sivakumar
-- 41

Intercropping for the management of root-knot nematode, *Meloidogyne incognita* in vegetable-based cropping systems
--N. Uma Shankar Kumar, K. Krishnappa, B.M.R. Reddy, N.G. Ravichandra and K. Karuna
-- 46

Integrated approach for the management of *Meloidogyne incognita* on jute
--Bibhu Luang and B.C. Bora
-- 50

Effect of carbosulfan (25 STD) and neem seed kernel powder as corm dressing for the management of root-knot nematode (*Meloidogyne incognita*) infecting gladiolus
--M. Ravishankar and R.V. Singh
-- 53

Evaluation of nematicidal properties of neem for the management of *Meloidogyne incognita* on tomato
--Iram Tariq and Mansoor A. Siddiqui
-- 56

Management of reniform nematode, *Rotylenchulus reniformis* on okra through *Streptomyces avermitilis*
--J. Jayakumar, G. Rajendran and S. Ramakrishnan
-- 59

Effect of cropping sequences and ploughing on plant parasitic nematodes and plant growth in field
--Abdul Hamid Wani
-- 63

Integrated nematode management schedule incorporating neem products, VAM and soil solarization against *Heterodera cajani* infecting pigeonpea
--S. Nageswari and S.D. Mishra
-- 68

Effect of root extract against *Meloidogyne incognita* infestation and plant growth in tomato
--G. Rajendran and V. Saritha
-- 72

SHORT COMMUNICATIONS

Effect of soil types on multiplication and development of cereal cyst nematode, *Heterodera avenae* on wheat
-- 75

HPLC analysis of different plant extracts exhibiting nematicidal activity
--B. Saravanapriya and M. Sivakumar
-- 76

Management of root-knot nematode, *Meloidogyne incognita* through antagonistic approaches in pointed gourd
--A.C. Verma, H.K. Singh and M. Nehal Khan
-- 78

(continued on inner cover)
Efficacy of *Pasteuria penetrans* against *Meloidogyne incognita* on greengram under field condition -- B.B. Gogoi and P.P. Neog

Rice root nematode *Meloidogyne graminicola*—A threat to rice-wheat cropping system -- K.R. Dabur and R.K. Jain

Polyethylene mulching in the management of plant parasitic nematodes -- H.K. Sharma, Pankaj and S.D. Mishra

Viability of *Meloidogyne incognita* juveniles exposed to fungal culture filtrates -- R.K. Bansal, R.S. Dahiya, I.J. Paruthi and R.K. Jain

Biodiversity of plant parasitic nematodes on yams, *Dioscorea* spp. in Kerala -- Reni Varghese and N.C. Kurup

Comparative biology of *Meloidogyne incognita* on capsularis and olitorius jute -- Bibha Luang and B.C. Bora

Screening of jute cultivars for resistance against root-knot nematode, *Meloidogyne incognita* -- Bibha Luang and B.C. Bora

Effect of rice root-knot nematode (*Meloidogyne graminicola*) on wheat in rice-wheat cropping system -- Daman Jeet Kaur

Effect of initial inoculum levels of *Meloidogyne incognita* on root-knot development and growth of *Vigna radiata* cv. ML-1108 -- Akhtar Haseeb, Anita Sharma and Prabhat Kumar Shukla

New record on the occurrence of *Radopholus similis* (Cobb, 1893) Thorne, 1949 on pine trees in Manipur -- L. Victoria, N. Mohilal and Ch. Dhanachand

Effect of root-knot nematode with *Fusarium solani* on damping-off of papaya -- Ram Kishore, R.S. Kamalwanshi and Manjul Pandey

Effect of essential nutrients application for the management of root-knot nematode, *Meloidogyne incognita* on tomato -- G. Rajendran and V. Saritha


Book review -- Sudershon Ganguly and A.K. Ganguly