

TABLE OF CONTENTS OF VOL. 1 (2) 2006

Review

An overview on the biotechnological approaches in the control of crop pests - *Seema Wahab*.....

Biofuel

Exhaust emission characteristics of a diesel engine running on jatropha biodiesel - *K. Kundu and T. K. Bhattacharya*.....

Organic Farming

Performance of lentil, chickpea and wheat under organic mode during initial years of conversion in relation to nutrient management practices - *B. S. Mahapatra, S. P. Singh, Rajesh A., V.K. Vishwakarma, Chandra Bhushan, Anil Kumar, R. K. Singh, Ajay Kumar, Kishor Chilana and C. S. Pandey*

Quality evaluation of lentil and rice grown by inorganic and organic mode of cultivation - *Deepti Ghai, Kalpana Kulshrestha, Leena Bhattacharya and B.S. Mahapatra*

Evaluation of organics incubated with zinc sulphate as Zn source for rice-wheat rotation - *Pratibha Sahai, P.C. Srivastava, S.K. Singh and A.P. Singh*.....

Plant Breeding

Genetic diversity in poplar (*Populus deltoides* Bartr.) clones - *Lakshmi Chaudhary and Salil K. Tewari*.....

Entomology

Influence of organic sources of nutrients on biological traits of brinjal shoot and fruit borer, *Leucinodes orbonalis* (Guen.) (Pyralidae: Lepidoptera) and Epilachna beetle, *Henosepilachna vigintioctopunctata* (Wied.) (Coleoptera : Coccinellidae) - *Zadda Kavitharaghavan, R. Rajendran and C. Vijayaraghavan*.....

Biology and management of white grubs of areca nut under Sub-Himalayan tarai region of West Bengal, India - *K. China Chenchaiiah*

Efficacy of some plant products and cowdung ash against *Callosobruchus maculatus* (Fab.) on stored soybean - *Ruchira Tiwari*.....

Nature of resistance in winged bean, *Psophocarpus tetragonolobus* (L)Dc for some stored grain insects - *A. K. Bhattacharya and R. R. P. Chaudhary*.....

Bio-efficacy of neem seed kernel extracts prepared from seeds with varying azadirachtin content against *Helicoverpa armigera* Hübner - *G. V. Raman and B. Venkateswarlu*

Ecofriendly management of major insect pests of linseed through crop association - *Sanjay Kumar, Rabindra Prasad and Devendra Prasad*.....

Response of spider mite *Tetranychus turkestani* Ugrov and Nikolskii on *Vigna unguiculata* Walp to bio and chemical fertilizers - *A.Q. Rather and A.Q. Lavdari*.....

Plant Pathology

Compatibility of *Trichoderma harzianum* to selected fungicides - *Mohd. Kashif Kidwai, Vikas, Shishir Srivastava and H. B. Singh*.....

Effect of fortification of grains of cereals with chickpea flour on sporulation and mass multiplication of *Trichoderma harzianum* - *Lakshmi Tewari, Chandra Bhanu and Swargadeep Saikia*.....

Human Ecology

Effect of growth regulators on yield of sapota, *Manilkara achras* (Mill.) Forsberg - *M.B. Patil, N.N. Shinde, S.P. Khapre, S.N. Gharat and G.N. Srilaxmi*.....

Glycaemic response of finger and barnyard millet biscuits - *Pratibha Singh and Sarita Srivastava*.....

Formulation of nutrified kheer and vermicelli using papaya powder - *Pushpa Shukla, Monika Chauhan, Pragya Singh and Ruchi Sharma*.....

Angora, specialty fibre with eco-friendly characteristics - *Alka Goel and Sapna Gautam*

Short Communication

Factors affecting domestic waste production and utilisation in Himachal Pradesh - *Ruchi Kaundal and Avinash Sharma*

Toxicity of imidacloprid on *Mallada boninesis* Okamoto (Neuroptera : Chrysopidae) : A versatile predator of citrus insect pests - *V.J. Shivankar, C.N. Rao and Shyam Singh*.....

Influence of varieties on the relative incidence of major insect pests of mango, *Mangifera indica* (L.) In south zone of Andhra Pradesh - *M. Kannan and N. Venugopala Rao*

Evaluation of bio-intensive integrated pest management modules against major pests of sunflower, *Helianthus annuus* L. - *M. Ravi, N. Dhnadapani and N. Sathiah*

Bioefficacy of biopesticides alone and in combination with insecticides against *Helicoverpa armigera* Hübner in Chickpea - *Ritu Srivastava*

Efficacy of *Heterorhabditis indica* (RCR) in combination with *Bacillus thuringiensis* and botanicals against chickpea pod borer, *Helicoverpa armigera* (Hübner) - *A. Prabhuraj, K.S. Girish and Shivaleela*.....

Use of latex bearing plants to manage the nematodes attacking tomato and eggplant - *Mansoor A Siddiqui*.....

Effect of various bioenzyme products on growth and yield of brinjal, *Solanum melongena* (L.) var. vaishali - *M.B. Patil, A.R. Chavan, S.N. Gharat and S.P. Khapre*

Nutritional evaluation of winged bean seeds (*Psophocarpus tetragonolobus*) - *Asha Chaudhary and Leena Bhattacharya*

Effect of incorporation of defatted soy flour on water requirement of dough for preparation of traditional snacks – *Arti Joshi, Pratima Awasthi, and Asha Chaudhary*.....