

CONTENTS

727. Evaluation of Management Practices Against Late Blight Disease of Potato and Their Adoption by the Farmers. **S. Sarkar, M. Kumar and S. Garai.**
730. Eco-Friendly Approaches to Manage Root-Knot Nematode on Tomato. **K. R. Shreenivasa, K. Krishnappa, V. Kantharaj and D. Rekha.**
733. Genetic Diversity and Path Coefficient in *Triticum* System under Temperate Conditions. **S. Ahmed, Kamaluddin, G. P. Shukla and H. C. Pandey.**
739. Prediction of Runoff and Sediment Yield of Ninga Watershed Sone Catchment. **Yogesh Pandey, M. Imtiyaz and Dharambir Dhan.**
745. Effect of Different Planting Dates on Yield and Yield Components of Potato (*Solanum tuberosum*) in Foot Hills of Arunachal Pradesh. **Rakesh Kr. Dubey, Vikas Singh, Kamala Devi and Katon Kartek.**
752. Assessment of Genetic Parameters for Spike Traits and Yield Attributes in Bread Wheat Genotypes Following Line × Tester Mating System. **Babita Gollen, R. K. Yadava and Pawan Kumar.**
757. *In Vitro* Evaluation of Plant Extracts on Per Cent Inhibition of Uredospore Germination of *Puccinia helianthi*, Casual Agent of Sunflower Rust. **V. B. Nargund, G. K. Sudarshan, Ashok Kumar, G. B. Shivakumara and B. Manjunath.**
760. Screening of Sunflower Genotypes Against Rust Caused by *Puccinia helianthi*. **V. B. Nargund, G. K. Sudarshan, B. Manjunath, Ashok Kumar and G. B. Shivakumara.**
763. Effect of Integrated Nutrient Management on Nutrient Balance Sheet and Yield of Maize in Southern Transitional Zone of Karnataka. **H. G. Sannathimappa, M. S. Ganesh Babu, A. Sathish, Patil Ramappa and O. Kumara.**
768. Two New Species of *Marasmius* : Addition to the Macrofungi of West Bengal, India. **Prakash Pradhan, Subhankar Banerjee, Anirban Roy and Krishnendu Acharya.**
771. Effect of Integrated Nutrient Management on Soil Fertility, Uptake of Nutrients and Yield of Maize in Southern Transitional Zone of Karnataka. **H. G. Sannathimappa, M. S. Ganesh Babu, A. Sathish, Ramappa Patil and Y. Vishwanatha Shetty.**
774. Growth, Yield and Quality of Safflower Varieties as Influenced by Irrigation Schedules and Fertility Levels in Vertisols of Chhattisgarh Plains. **K. K. Paikara, A. Jangre, N. K. Choubey and R. Lakpale.**
778. Variability, Correlation and Path Coefficient Analysis in Okra (*Abelmoschus esculentus* L. Moench.). **V. Ramanjinappa, M. G. Patil, P. Narayanaswamy, Ashok Hugar and K. H. Arunkumar.**
783. Effect of Feeding *Mikania micrantha* on the Qualitative Parameters of Silk Fiber of Eri Silkworm *Samia ricini* Donovan. **M. Devi and J. Kalita.**

786. Genetic Diversity of Okra (*Abelmoschus esculentus* (L.) Moench.) Genotypes Using RAPD Primers. **V. Ramanjinappa, P. Narayanaswamy, M. G. Patil, R. Lokesha, H. B. Divakara and C. N. Hanchinamani.**
790. Effect of Spacings and Different Levels of Fertilizer Dose on Quality and Nutrient Uptake in Bell Pepper under Shade Net Condition. **Shivakumar, S. Abbas Hussain, M. G. Patil and A. R. Kurubar.**
796. Growth Observation of Four Indigenous Fishes Fed with Mosquito Larva and Fish Meal. **J. Das, D. Sarma and A. Dutta.**
799. Water Quality of Temple Ponds in Dindigul and Madurai District of Tamil Nadu. **M R. Rajan and M. Karthik.**
803. Prediction of Degree of Dryness and Wetness at Various Return Periods among Different Rain Gauge Stations of Raichur Taluk. **P. Praveen, S. S. Shirahatti, U. Satish Kumar and H. Puttaswamy.**
807. The pH, EC_e, SAR and Ionic Composition of Saturated Extract as Influenced by Gypsum Application in Sodic Soils. **Y. K. Sharma, S. K. Sharma and Anamika Sharma.**
811. Characterization of Soils of Aligarh, Uttar Pradesh Under Intensive Cultivation. **Y. K. Sharma and Anamika Sharma.**
815. Evaluation of Spent Wash for Irrigation Purpose. **Garima, Ashok Kumar, B. P. Dhyani and U. P. Shahi.**
818. Impact of Some Heavy Metals on Oxygen Consumption in an Air Breathing Fish, *Channa gachua*. **Qaisur Rahman and D. N. Sadhu.**
822. Carbon Economics and Small Holders Livelihood in India. **Anuj Kumar Singh and A. K. Sahoo.**
831. Performance of Sulfosulfuron Against Weeds in Irrigated Wheat (*Triticum aestivum* L.). **Amitesh Kumar Singh, Rakesh Kumar, Anil Kumar Singh, Nikhil Kumar Singh and Anupma Kumari.**
834. Bio-Efficacy of Sulfosulfuron on Weed Flora and Irrigated Wheat (*Triticum aestivum* L.) Yield. **Amitesh Kumar Singh, Rakesh Kumar, Anil Kumar Singh and Anupma Kumari.**
839. Effect of Different AM Fungal Species on Germination of Jamun (*Syzygium cumini* Skeels). **Y. Somi Singh, G. S. K. Swamy, C. P. Patil and B. C. Das.**
842. Effect of Integrated nutrient Management on Yield and Quality in Mango cv Himsagar. **S. R. Singh and B. C. Banik.**
846. Composting of Spent Oyster Mushroom Substrate using Biogas Plant Slurry. **Leela Wati, Sonia Kumari and Parul Diwan.**
849. Effect of Cobalt, Boron and Molybdenum on Nitrogen Uptake by Pea (*Pisum sativum* L.). **D. K. Singh, P. Kumar, Neelam Mishra, V. Dwivedi and S. K. Singh.**

853. Effect of Substrate Quality and Bed Dimension on Production of Straw Mushroom, *Volvariella volvacea*. K. B. Mohapatra, B. Behera and S. S. Mahapatra.
856. Effect of Integrated Nutrient Management on Soil Microflora using System of Rice Intensification Practices. L. Tzudir, R. K. Ghosh and S. Mallick.
860. Growth, Yield and Quality of Dwarf Cavendish Banana in Relation to N, P, K Fertigation. S. N. Pandit, Bipul Kumar Mandal and V. R. Singh.
864. Occurrence of Trematodes in Some Fishes of Utra Lake in Manipur. B. Geetaraj, M. Shomorendra and Devashish Kar.
866. Ethno-Veterinary Study of a Few Plants in Two Villages of Thiruvananthapuram. K. G. Ajit Kumar.
869. Population Fluctuation and Feeding Potentiality of False Spider Mite *Tenuipalpus perniciosus* (Chaudhri, Akbar and Rasool) on Papaya (*Carica papaya*) Plant. Snehasis Barman, Sanjib Ghoshal and Manju-bikash Saha.
873. Effect of Different Time Lags of First Irrigation on Yield and Quality of Onion (*Allium cepa* L.). Gurteg Singh, Pritpal Singh and Sat Pal Saini.
877. Screening of Tomato Varieties Against Leaf Curl Virus in Himachal Pradesh. Praveen Sharma and Neelam Bhardwaj.
879. Compatibility of Fungal Isolates Used in Biocontrol of Insect Pests and Fungal Pathogens. Pankaj Baiswar, Tilling Tabyo, Satish Chandra, S. V. Ngachan, N. S. A. Thakur and Kanchan Saikia.
881. Biochemical Changes in Relation to Infestation of *Tetranychus ludeni* Zacher on the Leaves of Chilli (*Capsicum frutescens*). Snehasis Barman and Sanjib Ghoshal.
885. Removal of Phosphorus in a Rinsing Process. N. Donappa, G. R. Hareesh, K. Manjunathsastry and Abida Begum.
888. Genetic Variability in Local Lowland Rice (*Oryza sativa* L.) Germplasm of Nagaland. H. P. Chaturvedi, P. Talukdar and Sapu Changkija.
892. Effect of Different Levels and Time of Nitrogen Application on Growth, Yield and Nutrient Uptake in Aerobic Rice (*Oryza sativa*). B. G. Shekara, G. B. Shivakumara, B. Manjunath, N. Mallikarjuna, G. K. Sudarshan and B. Ravikumar.
896. Efficacy of Weed Control Practices in Celery Crop Production. Rupinder Kaur and B. S. Gill.
900. Seasonal Incidence of Banana Scales (*Aonidiella orientalis* New Stead.) and Mealy Buga (*Planococcus Citri* Risso.) on Banana. M. Thippaiah, C. T. Ashok Kumar, S. Sudhirkumar and C. Shivaraju.
903. Influence of Foliar Spray of Seed Hardening Chemicals on Growth and Yield of Chickpea (*Cicer arietinum* L.). M. M. Dhanoji.

686. Seed Source Variation and Genetic Estimates in Different Genotypes of Wild Apricot (*Prunus armeniaca* Linn.) at Nursery Stage. A. H. Mughal, M. A. Khan, J. A. Mughloo, P. A. Sofi and A. A. Mir.
690. Variation and Association Among Yield and Yield Components in Uapland Rice (*Oryza sativa* L.). A. Paul, G. Suresh Babu, G. Roopa Lavanya and Chandra Mohan Singh.
696. Interactive Effect of Cobalt, Boron and Molybdenum on Phosphorus Uptake by Pea (*Pisum sativum* L.). D. K. Singh, P. Kumar, Neelam Mishra, R. P. Singh and V. Dwivedi.
700. Heterosis for Juice Yield and Its Attributing Traits in Sweet Sorghum *Sorghum bicolor* (L.) Moench. Sidramappa Talekar, M. R. Gururaja Rao, S. Ramesh, R. S. Kulkarni and R. G. Sandeep.
703. Process Technology for Preparation of Yam Chips. Vishal Kumar and Manish Kumar.
709. Economical Constraints Perceived by Farmers in Rearing Dairy Animals in Haryana. Nirmal Kumar, K. S. Suhag, A. K. Godara and Jagdish Kumar.
714. Effect of *Trichoderma* sp. on Germination and Mortality in Chickpea. B. P. Tripathi, D. K. Srivastava and N. Khare.
718. Performance of Linseed (*Linum usitatissimum* L.) to Fertility Levels and Seed Rates in Dryland Conditions of Eastern Uttar Pradesh. Rang Lal Meena, T. K. Singh, Rakesh Kumar and Pramod Kumar.
723. Effect of Bioagent on Growth of *Fusarium oxysporum*, *Sclerotium rolfsii* and *Rhizoctonia solani* in Chickpea. B. P. Tripathi, D. K. Srivastava and P. K. Mishra.

905. Bio-Inoculants to Mulberry and Their Impact on Nature and Spread of *BmCPV*. N. S. Vikram, R. N. Bhaskar, Chikkalingaiah and Ramakrishna Naika.
908. Effect of Bio-Inoculants to M₅ Mulberry and *BmCPV* Development in Silkworm, *B. mori* L. (PM × CSR₂). N. S. Vikram, R. N. Bhaskar, J. Chandraprakash, T. K. Narayanaswamy, Chikkalingaiah and Ramakrishna Naika.
911. Economic Evaluation of Paddy Seeder in Sandy Loam Soil for Short Duration Rice Variety. Manoranjan Kumar, Sanjay Kumar and Subhash Chandra.
916. Phosphorus Sorption and Release Kinetics in Soils Receiving *In-Situ* Legume-Pulse Crop Residue Conjointly with Fertilizer-P in Gram-Mungbean-Maize Cropping Sequence. Hargopal Singh and Pritpal Singh.
922. Seasonal Fluctuation of Zooplankton Community in Relation to Certain Physico-Chemical Parameters of River Bagmati of Darbhanga, Bihar. Bazmi Shaukat Hussain, Md. Shahabuddin, Md. Alam Mumtaz and S. M. Sayeed Akhtar.
926. Response of Indian Mustard (*Brassica juncea* L.) to Herbicides and Fertilization. M. L. Meena, Dinesh Sah and Karnal Singh.
929. Effect of Weed Control and Fertilization on Yield Attributes and Seed Yield of Mustard (*Brassica juncea* L.) under Western Plains of UP. M. L. Meena and Dinesh Sah.
932. Survey for the Incidence of Banana Bunchy Top Disease in Parts of Northern Karnataka. D. S. Ambika, A. S. Byadgi, K. Amitha and P. R. Thimmegowda.
935. Genetic Parameters of a Colored Broiler Female Parent Line. M. Ashok, H. N. N. Murthy, T. N. K. Murthy and L. A. Bindya.
938. Effect of Organic Materials With or Without NPK Fertilizers on Yield, Uptake of Zinc by Maize (*Zea mays* L.) and DTPA-Zn Status in Soil. H. M. Chidanandappa, B. C. Dhananjaya and T. Chikkaramappa.
942. Impact of Different Organic Materials on DTPA-Extractable Zinc and Copper Status in Soils of Karnataka. H. M. Chidanandappa and B. C. Dhananjaya.
946. P-Influx in Different Crops on Alfisols and Inceptisols. S. C. Meena, H. S. Purohit, R. S. Yadav, R. K. Bagri and V. Bansal.
953. Effect of Sex Form and Environment on Biomass Yield in *Valeriana jatamansi* Jones. M. K. Karnwal, R. Rai and P. S. Bisht.
957. Opinion of Contact Farmers on Rural Agricultural Work Experience Program. K. Shivaramu, A. D. Ranganatha, H. C. Siddu and B. Krishnamurthy.
960. Opinion of Farmers on Krishimela. K. Shivaramu, H. C. Siddu and A. D. Ranganatha.
963. Supplementation of Phytase in Phosphorus Deficient Diets and Its Effect on Egg Production in Commercial Layers. D. Devendran, M. Ashok, T. N. K. Murthy and N. Rajeshwara Rao.
966. Correlation Coefficient and Path Analysis in Brinjal (*Solanum melongena* L.). Adesh Kumar, Sanjay Kumar and Yogesg Chandra Yadav.