

Contents

Multifaceted Investigation of <i>Curvularia lunata</i> in Rice: Isolation, Identification and Grain Spot Disease Pathogenicity	1-8
S. Varshini, V. Ajaydesouza and J. Raja	
Management of defoliator pests and girdle beetle infesting soybean during summer season	9-14
Ravikumar, M. Shobharani, Sidramappa, A. Prabhuraj, N.M. Sunilkumar and Sunil Kulkarni	
Comparison of Mutagenic Effectiveness of Ethyl methane Sulphonate and Sodium Azide in M ₂ Progenies of Horse Gram (<i>Macrotyloma uniflorum</i> Lam. Verdc.)	15-18
Chetangouda G. Patil, Bangaremma S., Wadeyar, C.D. Soregaon and V.H. Ashvathama	
Effect of Graded Phosphorus and Citric Acid Levels on Soybean Growth, Yield and Nutrient Uptake in an Alfisol	19-25
Shilpa Kumari, B.C. Dhananjaya, S.M. Jayaprakash, M.S. Nandish and H.B. Mallikarjuna	
Effect of Propagation Media on Rooting in Pomegranate Air Layering cv Bhagwa	26-30
Rahul V. Patil, Sachin D. Magar, Amol V. Khirsagar, Vijay R. Pawar and Sona H.S.	
Management of Sucking Pests of Soybean (<i>Glycine max</i> L.) using Seed Dressing Insecticides during Summer Season	31-36
Ravikumar, Shobharani M., Sidramappa, Prabhuraj A., Sunilkumar N.M. and Sunil Kulkarni	
Micronutrients and Plant Growth Regulators: Unlocking Tomato Potential from Bud to Basket (<i>Solanum lycopersicum</i> L.)	37-42
Piyush Saini, Khushboo Chandra, Gurdeep Singh, Ashok Kumar, Navdeep Singh and Pooja Pant	
Assessment of Genetic Parameters for Yield and Yield contributing traits in Castor (<i>Ricinus communis</i> L.)	43-48
K. Sadaiah, C. Lavanya, G. Eswara Reddy, G. Ma0dhuri, V. Divya Rani, N. Nalini, T. Manjunatha, S. Vanisri and C. Sudhakar	
Screening of Blackgram Genotypes against Mungbean Yellow Mosaic Virus (MYMV) disease	49-52
Sidramappa, P.H. Kuchanur, M. Shobharani, H.C. Sowmya, Laxuman and S. Bharati	
Role of Plant Growth Regulators in Modulating Growth and Development of Bitter Gourd in High-Temperature Environments	53-58
Avinash Pal, Mohd Talha Ansari, Balwant Yadav and Ankur Kumar	
Impact of Intercropping with Specialty Corn and Parching Sorghum on Growth, Yield Attributes and System Productivity of Pigeon Pea	59-64
H.M. Atheek Ur Rehman, Laxman Navi, S. Kamala Bai, M.R. Anand, S.R. Anand, K.S. Somashekar and K. Vishwanath	
Evaluation of Black Gram Genotypes for Powdery Mildew disease resistance under Natural Epiphytotic Condition	65-68
Sidramappa, P.H. Kuchanur, M. Shobharani, H.C. Sowmya, Laxuman and S. Bharati	
Assessment of Genetic Architecture and Inter-trait Dependencies in F ₁ Tomato Hybrids: A Comparative Analysis of Variability Parameters, Character Association, Path Analysis, Genetic Diversity and Principal Component Analysis	69-76
T. J. Solanki, K. N. Prajapati, A. R. Donga, Aishwarya Deshpande, K. R. Prajapati and U. B. Jadav	
Stability Assessment for Ready to Roast Traits in Advance Breeding Lines of Chickpea (<i>Cicer arietinum</i> L.)	77-84
Rajkumar, Laxuman, Sidramappa, G.Y. Lokesh, P.F. Mathad, K. Shivkumar and Archana Joshi	
Genetics of Quantitative Traits in Inter-botanical Cross of Melon (<i>Cucumis melo</i> L.)	85-92
K. Rashmi, M. Shivapriya, Vishnuvardhana, K.V. Ravishankar, G.J. Suresh, Jayashree Ugalat and Jyothi Kattegoudar	
<i>Trichoderma</i> Mediated seed Bio-priming against <i>Fusarium</i> wilt of Tomato caused by <i>Fusarium oxysporum</i> f.sp. <i>lycopersici</i> (Sacc.) Snyder and Hansen	93-99
Akash Kumar Kamal, S.K. Biswas, Anju Shukla, Saurabh Kumar, Shivam Kumar, Ravi Kumar, Shivam and Abhay Pratap Singh	
Response of Cotton Hybrids to Time of Pyraflufen Ethyl Application under High Density Planting	100-104
N. Srikanth, A. Geetha, Ch. Aruna Kumari, T.L. Neelima, Binaya Kumar Parida and G.M. Imran	
Study on Biophysical and Biochemical basis of resistance against Spotted Pod Borer, <i>Maruca vitrata</i> (Fabricius)	105-111
N.A. Singh, H.V. Pandya, S.R. Patel, H.P. Chaudhari, D.H. Tandel and Abhishek Shukla	
Machine Learning Approach for Cereal Yield Prediction in Korea, Chhattisgarh, India	112-118
Shibin Samuel, Shraddha Rawat, S.B. Sree Hari and Nilesh Kumar Singh	
Assessment of <i>Phragmites australis</i> and <i>Typha angustifolia</i> efficacy for Domestic Sewage Treatment During a Pilot Scale Study of Constructed Wetland	119-126
Sanju Prajapat and Bhagawatilal Jagetiya	

continued on next page II

Plant-derived Liquid Biodigester for the Suppression of <i>Radopholus similis</i> Cobb. in Banana through Green management strategy	R. Likith, Sumangala Koulagi, A. Prashantha, H.S. Yallesh Kumar and P. Mohan Kumar	127-133
Evaluation of Different China Aster (<i>Callistephus chinensis</i> L.) genotypes at Raipur Chhattisgarh India	Pooja Gupta, Menkarani and Nandan Mehta	134-138
Effect of Different Organic Sources and Sowing Dates on Quality of Broccoli	Rakshanda Anayat, Shiffa Qadri, Shahnaz Mufti, Zahida Rashid, Rehana Rasool, Shahnaz Parveen, Faisal Nabi, Mudasir Magrey and Mehnaz Shakeel	139-147
Empowering Women Through Horticulture Enterprises- A Study on Women SHGs in Odisha, India	Mita Meher, Debasmitta Nayak and Radhashyam Panigrahi	148-152
Nutrient Release Pattern and Mineral Fertilizer Equivalent of Different Organic Sources	N.M. Chaudhari, K.G. Patel, P.K. Dubey, K.K. Patel and Krutika Subodh Patel	153-158
Effect of Plant growth regulators, Biostimulants and Micronutrients on Growth, yield and quality of Strawberry (<i>Fragaria x ananassa</i> Duch.) cv. Winter Dawn under Rahuri Maharashtra conditions	H.S. Sona, S.D. Magar, V.R. Pawar, R.V. Patil, and D.S. Kadam	159-166
Importance of Hymenopteran Pollinators in Agriculture Ecosystem : A Review	Tania Roy, Deepika Sorahia, Subhojit Chatterjee, Mahesh Pathak, T. Rajesh, Kennedy Ningthoujam and R.K. Patidar	167-175
Cultural and Physiological studies against <i>Macrophomina phaseolina</i> inciting dry Root Rot Disease in Soybean	C.R. Geetha, S.B. Latake, R.T. Gaikwad, A.M. Navale, Y.K. Randive, S.A. Karande and S.J. Deshmukh	176-180
Constructed Wetlands: State-of-the-Art Wastewater Treatment	Sanju Prajapat and Bhagawatilal Jagetiya	181-193
Studies on variability analysis for yield and yield Parameters in Tomato (<i>Solanum lycopersicum</i> L.)	Saikat Jana, Pushpendra Kumar, Kajal Singh and Hiya Dashora	194-198
Unraveling Genetic Diversity in Chickpea for Yield-Oriented Breeding	Dharmendra Kumar Singh, Niharika Yaduvanshi, Chandragupt Maurya, Nikhil Kumar, Amit Kumar, Shivam Tripathi, Neha Yadav, Majjiga Revanth Kumar, R.K. Yadav, Vijay Kumar Yadav and Shweta	199-206
Field-Evolved Resistance to Bt Toxins in Insect Pests: A Molecular Insights	Basavakiran, L.S. Nitish Kumar, M.S. Varun, G.L. Arjun, K. Pramod and H.C. Lohithaswa	207-227
Evaluation of Eco-friendly Management Strategies against <i>Callosobruchus chinensis</i> L. infesting stored Bengal Gram (<i>Cicer arietinum</i> L.)	Niranjan Mandi, Pritipriya Pal, Shanowly Mondal Ghosh, Gautam Chakraborty and Shantanu Bista	228-236
Effect of Integrated Nutrient Management (INM) in Guava cv. Allahabad Safeda	Rajesh Singh and Sunil Jat	237-240
Secondary Metabolites as Plant Defense Mechanisms: A Comparative Review of Wild and Cultivated Species	Anagha Dilish, K. Karunaidhasan, G. Gopinath and V. Manimegala	241-248
Pachytene Chromosome Analyses in Blue Panic Grass	Sujata Rathi	249-255
Evaluation of Maize Genotypes through Stress Folerance indices for Heat Stress Tolerance	Neha Rani, R.B.P. Nirala, Niranjan Kumar Chaurasia, Parveen Fatima and Pooja Rani	256-262
Satellite Soil Moisture Accuracy: Assessment and Enhancement over Pune, India	Harshita Rani Ahirwar, Anupam Kumar Nema and Manish Kumar Nema	263-268
Green Manure as Organic Substrates in Soilless Culture: A Sustainable Approach	Mukesh Kumar, Neetu Kataria and Rajesh Kumar	269-282
LED Supplementation modulates Morpho-Physiological Framework, flowering aspects and Gibberellic Acid levels in <i>Chrysanthemum morifolium</i> cv. Zembra	Neeraj Singh Negi and Mam Chand Singh	283-292
Effect of Organic manures and Inorganic Fertilizers on growth, yield and quality attributes of Pea	Rahul Kumar, Shweta Soni, Sunil Kumar, Abhinav Yadav, Archana Upadhyay, Sudhir Pal and Pradip Kumar	293-301
Enhancing Insect-Mediated Ecosystem Services: Pollination and Decomposition Interventions for Forest Productivity	Kamlesh Bali, R.K. Gupta and Ranjana Bali	302-306
Conservation Tillage and Nano Nitrogen Nutrition on Growth and yield in Chinese Potato	K.T. Gopika and Sheeba Rebecca Isaac	307-312
Effect of Growing Media and Auxins on Rooting and Vegetative Growth of Dragon Fruit Cutting	Tasnim Ayshi, Naimur Rahman, Nazrul Islam, Tanzena Akter Shawon, Tristy Rani Mohonto and Shormin Choudhury	313-321
Botanical Protectants for Sustainable Pulse Storage: Dual Efficacy of Plant Powders and Vegetable Oils against <i>Callosobruchus chinensis</i> Oviposition and Adult emergence in Chickpea (<i>Cicer arietinum</i>)	A. Vindhya and Pankaj Neog	322-326

continued on next page III

Effect of Phytohormonal Seed Priming with Indole Acetic Acid and Salicylic Acid on Yield and Yield component traits in Greengram	Juhee Kumari, Vivek Kumar, Sam A. Masih and Ann Maxton	327-334
Evaluation of Bio stimulants and Biofertilizers on quality Parameters in French bean (<i>Phaseolus vulgaris</i> L.)	Abhinandan Sood, Puja Rattan, Ashima Sharma, Amninder Kaur and Deepika Sharma	335-341
Modulation of Morphological and Physiological Traits in Salt-Stressed Acid Lime (<i>Citrus aurantifolia</i> Swingle) by Beneficial Microbial Inoculants	Jyoti Sengar, S. K. Pandey, Garima Yadav, Anjali Sharma and Pragya Singh	342-348
Fungal Pathogens in Sustainable Agriculture: Challenges and Opportunities in the Era of Climate Change	Suman Karmakar, Salini Das, Dibyendu Ghosh, B.S. Thippesha, Arnab De, Cheruku Anil, Mandeep Singh, Puja Kundu, Shubham Mishra and Surendra Kumar Gautam	349-360
Spatial distribution of Pigeonpea Diseases and their incidences across Major Pigeonpea growing Districts of North Karnataka, India	Mallikarjun Kenganal, Radhika Biradar, S. Muniswamy and Aditya Pratap	361-375
Bio-Safety Evaluation of Plant Derived Silver Nanoparticles on <i>Bracon hebetor</i>	A. Vindhya, N. Emmanuel, V. Sudarshana Deepa, C.P. Viji, T.S.K.K. Kiran Patro and D.R. Salomi Suneetha	376-380
Nanotechnology and its Applications in Plant Disease Management: A Review	Mina Kumari, Munna Yadav, Sneha Shikha, Uday Kumar, Neha Rani, Jaya Kumari and Anil Kumar Singh	381-397
Assessment of variability in F ₂ generation of Okra (<i>Abelmoschus esculentus</i> L. Moench)	V. Laharika, V.S. Khandare, G. Praveenkumar, M.P. Wankhade, A.P. Manjima and G. Sharanya	398-402
Agriculture Extensification and Biodiversity Loss: Interwoven Challenges	Sujata Rathi and Renu Rani	403-412
Analysis of Trait Distribution, Skewness, and Kurtosis in F ₂ Soybean (<i>Glycine max</i> L.) Segregating Population under Drought and Irrigated Conditions	P.V. Gharge, V. P. Chimote, B. R. Bhosale, G.C. Shinde and M.P. Deshmukh	413-420
Effect of Integrated Weed Management in Growth and Flowering on Daisy (<i>Chrysanthemum coronaria</i> L.) under Chhattisgarh conditions	S.K. Tamrakar, Riya Rajput and Sanjeev Malaiya	421-426
Genetic Diversity Studies in Blackgram [<i>Vigna mungo</i> (L.) Hepper] Genotypes Using D ² Statistics	K. Rukminidevi, B. Supriya, K. Nagaswathi and G. Venugopal	427-431
Effect of Plastic mulch and Crop cover on growth and yield of Onion (<i>Allium cepa</i> L.)	T.P. Rashmi, B.T. Patil and K.N. Dahatonde	432-438
Role of <i>Bacillus species</i> in Sustainable Crop Production: A Review	Huchchappa Jamakhandi, Premakumar, Firos T. M. Basha, Prakash Sonnad, Rohit Sarkar, M. N. Rudra Gouda and O.R. Devi	439-446
Effect of Plant Growth Retardants and Micronutrients on yield attributes, Yield and quality of Hybrid Cotton under high Density Planting System	G. Akshaya, K. Suseendran, G. Murugan, C. Kathirvelu and C. Kalaiyaran	447-452
Induction of Genetic variability in Green Gram (<i>Vigna radiata</i> (L.) Wilczek) via Chemical Mutagenesis: Determination of LD ₅₀ and preliminary effects of EMS on seed Germination and Survival	K. Sruthi Vinod, C. Ninitha Nath, G. Seeja, B. Lovely, M.S. Niveditha and Sruthi Chandran	453-456
Management of Sucking Pests and Mungbean yellow Mosaic Virus disease in Blackgram during Summer Season	M. Shobharani and Sidramappa	457-462
Assessment of drought Tolerance in Erect and semi-erect Chickpea (<i>Cicer arietinum</i> L.) Genotypes under Polyethylene glycol induced Osmotic Stress	B.S. Chaithra, H.Y. Patil, B.S. Patil, U.V. Mummigatti, P. Nethra and S.R. Salakinkop	463-469
Effect of Girdling on yield, Physical quality and Colour Development in Plum cv. Kala Amritsari	Parveen, R.P.S. Dalal, Chetna and Anita Kumari	470-474
Role of Plant Growth Regulators in Enhancing Growth Performance of Potted Syngonium	Masanagari Supriya, Natarajan Seenivasan, P. Prasanth, D. Laxminarayana, D. Vijaya and S. Praneeth Kumar	475-483
Effect of Foliar Application of Zinc, Boron and Copper on Vegetative Growth and Fruit Yield of Malta (<i>Citrus sinensis</i>)	Monika, Gurdeep Singh, Navdeep Singh and Vinod Kumar Sharma	484-486
Single-cut Performance of Forage pearl millet [<i>Pennisetum glaucum</i> (L.) R. Br.] varieties for Green fodder yield and its contributing traits	Manish V. Boratkar and Hasanali Nadaf	487-494
Nutrient Mineralization Dynamics in Organic Manures: A Comprehensive Review	Laxman Navi, H.M. Atheek Ur Rehman, M.R. Anand and V. Dayanandanaik	495-506
Artificial Light: Sustainable Lighting Conditions for Ornamental Plants	K. Johitha, M. Raja Naik, T. Sumathi and N. Vinod Kumar	507-512

Supplementation of vitamin C, Vitamin E and Organic Chromium and its combination in feed on growth performance of Narmadanidhi birds during Summer Season	
Laxmi Chouhan, S.S. Atkare, Girraj Goyal, Diana D Jesse, Bhavna Aharwal and Anil Shinde	513-522
Investigation and Evaluation of Wind-Mediated Primary Seed Dispersal Mechanisms in Selected Angiosperms	Santosh Bala
Fractionation studies of Sulphur in soils of India: A Review	Kritika Soni and Vinay Bachkaiya
Effect of Integrated Nitrogen Management and Nitrification Inhibitor on Nutrient Content and Uptake by Wetland Paddy (<i>Oryza sativa</i> L.)	S.V. Rathod, M.B. Viradiya, A.S. Bhanvadia and Y.K. Jhala
Varietal Screening of Indian Bean against Spotted pod borer, <i>Maruca vitrata</i> (Fabricius)	N.A. Singh, H.V. Pandya, S.R. Patel and H.P. Chaudhari
Genetic Diversity Analysis at Morphological Level in Genotypes of Potato (<i>Solanum tuberosum</i> L.)	Gajresh Kumar, Satya Prakash, Atar Singh, Bijendra Singh, Vipin Kumar, Rajendra Singh, Kapil Choudhary, Nikita Yadav and Akshat Gupta
Assessing the Effectiveness of Various Physico-Chemical Treatments on the Nutritional Quality and Prolong Shelf life of Mango (<i>Mangifera indica</i> L.) cv. Rataul	Arbaj Ali, Sanjay Kumar Tripathi, Arvind Kumar, Satya Prakash, Suresh Chandra, Amit Kumar, Uday Raj Gaurav, Amit Kumar and Tripti Singh
Status of Transgenic Research in India with Reference to Crop Plants	N. Sabitha
Effect of Integrated Use of FYM, Green Manuring and Biofertilizers on Cane Yield and Juice Quality in Organically Grown Sugarcane	Parveen Kumar, Vijay Kumar, Rohit Kumar and Raju Lal Dhakar
Role of Plant Growth Regulators in Strawberry Cultivation: A Review	H.S. Sona, S. D. Magar, D. B. Kshirsagar, R. V Patil and V. R. Pawar
Effect of Organic Nutrient Management on the Growth and Productivity of Traditional Rice Varieties	G. Vaishnavi, R. Raman, R. Krishnamoorthy and C. Kathirvelu
Morphological Characterization and Hierarchical Cluster Analysis of Sesame (<i>Sesamum indicum</i> L.) genotypes using DUS Descriptors	Ganesh Phatate, Akash Barela, Shrishti Srivastava, Shama Parveen, Sudheer Kumar Pathak and Pramod Kumar Yadav
Comparative Study on Vase Life Extension Strategies in Commercial Cut Flowers: A Review	Vikas Yadav, Rupali Sharma, Sandeep Bhardwaj and K.M. Rooma
Land Irrigability Classification of Soils of Char Areas under Dibrugarh District of Assam, India	Aditya Bezbaruah, Bipul Deka, Marami Dutta, D. K. Patgiri, Kalyan Pathak, Kaushik Das, Bipasha Borkotoky and Rajneesh Khargharia
Bionomics and Biology of Red Cotton Bug, <i>Dysdercus koenigii</i> (Fabricius) on <i>Bt</i> cotton	P.N. Chaudhary and M.R. Dabhi
Effect of EMS (Ethyl methane sulphonate) on seed Germination, ovule fertility and Pollen fertility in different varieties of <i>Linum usitatissimum</i> L.	Prikshit Gupta, Ritika Singh, Ravi Sharma, Heema Bareilly, Anupam Kumar, Shivani Kaundal and Komal Sharma
Elucidations of reversion, Sex expression and Detecting Performance of Hybrid GCH 7 over Environments in Castor (<i>Ricinus communis</i> L.)	A.M. Patel, D.K. Patel, Y.N. Patel, J.R. Patel, T.A. Desai, P.C. Patel, H.N. Zala and K.N. Prajapati, N.B. Patel and J.M. Patel
Compatibility of <i>Beauveria bassiana</i> (Balsamo) Vuillemin with different Insecticides	H.R. Prajapati, C.S. Barad, R.V. Thakkar, M.S. Dabhi and P.S. Patel
Economic Feasibility Analysis of Gerbera Production under Open Condition	Mercydi Maibangsa, H. Terangpi, Utpal Borthakur and M. Bathari
Effect of integrated Nutrient Management on Soil Nutrients status of Semi-rabi Pearl millet (<i>Pennisetum glaucum</i> L.)	K.P. Bhuriya, H.L. Sakarvadia, P.I. Jetpara and C.A. Gorasiya
Evaluate the Best Packaging Materials for the Shelf-life Extension of Guava Fruit (<i>Psidium guajava</i> L.) var. Allahabad Safeda	Ankit Singh Rajawat, Poonam, Sarika Mahore, Rahul Singh Sikarwar, Intjar Singh Dawar and Sanjeev Singh Bhaghel
Yield and Economics of Finger Millet (<i>Eleusine coracana</i> L.) as influenced by varieties and different Spacings in <i>kharif</i> season	A.U. Wankhede, V. P. Suryavanshi, S.B. Suryawanshi, R.D. Yewale and J.S. Gaikwad
Rhizosphere Engineering for Improved Phosphorus Acquisition and Use Efficiency: A Review	V. Mubashir Sadiq, Deepanjali Gupta, M.S. Omji Nath, Isha, Shubham A. Durgude, Prince Kumar, C.K. Mohammed Salman and Shemeem Shah

- Dissecting Genetic Variation and Frequency Distribution of Agronomic and Physiological Traits in Waterlogged Soybean F_2 Populations: Implications for Early Generation Selection
B.R. Bhosale, V.P. Chimote, P.V. Gharge, M.P. Deshmukh and A.R. Aher 683-691
- Effect of Phosphorous and Phosphorous Solubilizing Bacteria (PSB) on Growth, Yield and Yield Attributes of Soybean
Kore Meghana, A.V. Rajani and A.S. Jadeja 692-696
- Path and Pprincipal Component analysis based Trait Selection for Enhancing yield of Aromatic Rice in F_6 Generation
Anurag Kumar, Pratishruti Sahoo and Nihar Ranjan Chakraborty 697-702
- Interactive Effects of Cutting Management and Nitrogen Scheduling on Growth and Yield Attributes of Dual-Purpose Wheat
Jyoti, Harender Dagar, Bhupender and Vijay Daneva 703-708
- Comparative Efficacy of Cabergoline and Ayurvedic Medicine in Canine Cystic Endometrial Hyperplasia Pyometra Complex
Lalit Sharma, Sobaran Singh Mahour, Madhu Shivhare, Hemant Kumar Mehta, Nidhi Srivastava, Nawal Singh Rawat and Jyotsana Shakkarpude 709-713
- Effect of Dietary Supplementation of Azolla (*Azolla pinnata*) on growth Performance and Economics of Japanese Quail
Sahil Kumar, G. P. Lakhani, Bhavna Aharwal, Biswajit Roy, Laxmi Chouhan, Vaibhav Solapure and Anil Shinde 714-718
- Optimizing Nutrient Strategies for Sustainable Hybrid Rice Production under Eastern India Conditions
Monika Tikariha, Vinay Kumar Samadhiya, K. Tedia, Sonali Harinkhere and Ramnath 719-725
- Effect of Integrated Nitrogen Management on Growth, Yield and Economics of Summer Vegetable Cluster Bean
P.M. Solanki, J.V. Suthar, A.D. Pal, M. Jangid and K.J. Patel 726-730
- Exploring Bacteriophages: Nature's own Antimicrobial Agent
Chitra Pokharia and Kavita Shah 731-743
- Morphological Evaluation of Indigenous Tamarind (*Tamarindus indica* L.) Genotypes at Surguja District of Chhattisgarh, India
Varsha Minz, H. K. Panigrahi and Yogesh Kumar Chandrakar 744-750
- Assessment of Bio-Efficacy of Insecticides against Leafhopper, *Amrasca biguttula biguttula* (Ishida) Infesting Okra
A.T.R. Aniruddha, D.B. Sisodiya, M.D. Suthar, R.K. Gangwar and A.D. Kalola 751-756
- Impact of Pre-harvest Fruit Bagging on Quality, Pest and Disease Incidence in Mango cv. Chinnrasam
K. Radha Rani, R. Rajyalaksmi, B.K.M. Lakshmi and G. Shali Raju 757-760
- Standardization of Plant Geometry and Nutrient Requirement of Promising Arboreum Genotypes of Cotton
S.U. Kakade, Avinash Gawate, R.V. Karde, S.A. Ambore and K. Madhri 761-768
- Phenomics for Biotic Stress Resistance in Crop Plants: A Review
Ritu Sharma, Y.A. Viradiya, Rajdeep Jajoriya, Vijay Kumar Meena, Patel Heppiben Kirtibhai, Kriti Sharma and Patel Parth Jivan 769-776
- Development of Foxtailand Barnyard Milletflour based functional Multigrain Muffins
Pethani Kashap, Suresh Bhise, Devesh Patel and M. R. Parmar 777-785
- Physico-Chemical Characterization of Fruit Traits in Wood Apple (*Limonia acidissima* L.) Genotypes in Bundelkhand region of India
Swati Shukla, Prabhakar Singh, Gaurav Sharma, Ghanshyam Abrol, Diksha Meher and Gunja Thakur 786-790
- Molecular Fidelity Assessment in Hybrid Rice (*Oryza sativa* L.): SSR-Based Assurance of True F_1 Hybrids
Akanksha Gupta, Jagdev Kar, Boda Srividhya, Tikeswar Markande, Nishat Parveen, Prabharani Chaudhari, Ritu R. Saxena and Sunil Kumar Verma 791-794
- Response of Bio-fertilizer and Micronutrients on Growth and yields of Baby Corn (*Zea mays* L.)
Akash Singh, S. B. Lal, Lalit Kumar Sanodiya and Harshabardhan 795-801
- Effect of *Trichoderma* spp. and Neem leaf extract on stem rot of groundnut (*Arachis hypogaea* L.) caused by *Sclerotium rolfsii*
Niharika Bhatnagar and Abhilasha A. Lal 802-808
- Leveraging the Potential of Plant Tattoo Sensors for Real-time Monitoring and Stress Management of Plant Physiological Parameters: A Review
Swaralipi Choudhury and Pritam Ghosh 809-812
- Evaluation of Imazethapyr for Weed Management in Chickpea
Mukesh Kumar, Pritam Ghosh and G. Manisankar 813-817
- Evaluation of Quality Attributes of Cocoa (*Theobroma Cacao* L.) Intercropped in Coconut in East Godavari District of Andhra Pradesh India
K. Sri Anjanidevi, M. Kalpana, L. Naram Naidu, S. Surya Kumari, B. Peda Babu, K. Umakrishna and Ch. Sreenivas 818-822
- Studies on Mutagenesis in Garlic using Gamma Rays to Determine Lethal Dose (LD 50) and Inducing Mutation
Swagata Mondal, Abujafar Oliyari Rahaman, Manas Kumar Pandit and Subham Ghosh 823-827

Yield and Economic of Soybean (<i>Glycine max</i> L.) as influenced by application of Nano Urea and Nano DAP D.J. Patil, V. P. Suryavanshi, S. B. Suryawanshi, P. S. Navale and M. V. Bhisad	828-832
Future Prospects of Turmeric Cultivation Using Forecasting Techniques in Tamil Nadu India Mahima Priyanka Neerugatti, R.R.Kushwaha, Harshit Mishra, Sandeep Gautamand Kaushlendra Srivastava	833-838
Effect of dates of Planting on Comparative Performance of Arka Hybrids with Popular Hybrid on growth and yield of Marigold under Central Telangana conditions S. Mounika, A. Nirmala, P. Prasanth, J. Cheena and G. Sathish	839-844
Development of Heterotic Hybrids for yield and yield contributing traits suitable for <i>Rabi</i> season in Rice (<i>Oryza sativa</i> L.) P. Gonya Nayak, Y. Chandra Mohan, T. Kiran Babu, B. Laxmiprasanna and Ramya Rathod	845-858
Extraction and Functional Application of Anthocyanins as Food Colorants via Microwave-Assisted Method M. Visalakshi, R. Sri Raghavi, M. Ganga, S.P. Thamaraiselvi, S. Karthikeyan, S. Ganesh and S. Vasanth	859-865
Impact of foliar application of Seaweed extract on Growth and yield attributes of Potato (<i>Solanum tuberosum</i> L.) Devendra, Bharat Lal, Pragya Singh and Dheerendra Singh	866-870
Effect of 1-Methylcyclopropene and Storage temperature on Postharvest fruit Quality: A Review Miyandra Martin and Anu Mary Markose	871-880
Effect of integrated Nnutrient Management on growth of Sstrawberry (<i>Fragaria x ananassa</i>) under central Telangana conditions K. Soumya, K. Venkatalaxmi, M. Rajasekhar, Veena Joshi and Purnima Mishra	881-884
Biochemical Response-Based Screening of Sesame Genotypes for Drought Tolerance Shamsun Nahar Mahfuza, Md. Abdul Kader, Md. Motiar Rohman, Ahmed Khairul Hassan, Md. Nazmul Islam, Abul Fazal Muhammed Shamim Ahsan and Mohammad Amdadul Haque	885-893
Phenotypic Evaluation of Advanced Breeding Lines Derived from A Multiple Cross for Blast Resistance in Rice (<i>Oryza sativa</i> L.) K. Shirisha, C.V. Sameer Kumar, L. Krishna, T. Kiran Babu, C. Narendra Reddy and J. Aruna Kumari	894-898
Dissecting yield and related traits through Genetic variability and Ccharacter Association in Groundnut (<i>Arachis hypogaea</i> L.) Jagveer Singh Rathore, Ashok Kumar Meena, Nitin Kumar Garg, Jay Kumar Gurjar and Siddharth Kuldeep	899-909
Effect of Graded Nutrient Levels on Morphological Characters of Arecanut (<i>Areca catechu</i> L.) under Conservation Agriculture with Intercrops Peddaveeri Pravalika Reddy, Apurba Bandyopadhyay, Dipak Kumar Ghosh and Biswapati Mandal	910-914
Effect of Pulsing Treatments with Salicylic acid, Benzyl denine and Nano-silver on the vase life and Quality of cut Gerbera Flower Anirban Saikia, Kaushik Das, Prakash Kalita, Lolesh Pegu, Dipankar Sonowal, Sanchita Brahmaand Amarjit Saikia	915-922
Influence of Weed Management Strategies on Growth Parameters and Yield of Chickpea (<i>Cicer arietinum</i> L.) Naman Soni, Jaidev Sharma, Pradeep Rajput, Aman Parashar, Mekala Sai Sathvikaa, Ravikan and Aakash Malik	923-928
Genetic Variability and Heritability in Groundnut (<i>Arachis hypogaea</i> L.) for Yield and Quality Traits Jay Kumar Gurjar, Ashok Kumar Meena*, Malu Ram Yadav and Jagveer Singh Rathore	929-933
Evaluation of Gladiolus Varieties in the Rayalaseema Region of Andhra Pradesh, India Shaik Ehlam Nida Arsh, P.T. Srinivas, P. Naveen Kumar and K. Arunodhayam	934-938
The Role of Insectivorous Birds in Pest Management: A Review Jalpa J. Dand, Neelam Singh, R. K. Thumar, A. H. Nayi and Vipin Chaudhary	939-945
Millets in Telangana: Traditional Wisdom, Nutritional Wealth and Climate Resilience Thappatta Narendar, VenkataBharathamma and Sirsat Pooja	946-950
Changes in activities of Catalase, Guaiacol Peroxidase and superoxide Dismutase during Packing and storage in Loose flower of tuberose (<i>Polianthes tuberosa</i>) Krishan Pal Singh, Priya B.B. and Ritu Jain	951-957
Effect of Nano DAPon Yield and Economics of Sunflower (<i>Helianthus annuus</i> L.) in <i>Kharif</i> Season J.S. Gaikwad, V.P. Suryavanshi, S.B. Suryawanshi, R.R. Abhale and A.U. Wankhede	958-962
Status of Pests of Coconut Palms in Maharashtra State of India S.M. Wankhede, K.V. Malshe, S.L. Ghavale, B. Augustine Jerard and Sumitha Sundaram	963-968
Monitoring Fruit Fly Incidence in Cucumber (<i>Cucumis sativus</i> L.) using Pheromone Traps in Relation to Climatic Variables Abhishek Gupta, Rajnish Kumar, Sanjeet Kumar Singh, Amarendra Pratap Singh, Sushil Kumar and Akhileshwar Vishwakarma	969-972
Genetic Variability Studies on yield and yield related traits in Mungbean Mmini-core K. Dharani Sree, K. Sumalini, Sobhan B. Sajja, Prakash I. Gangashetty, Sunita Choudhary and Anita Raman	973-978

Assessment of Soil Nutrient Status in Guava (<i>Psidium guajava</i> L.) orchard under Ultra-High Density Planting System in Raipur Region of Chhattisgarh India	Kajal Sahu, Ghanshyam Sahu, Krishna, Asha and Nupur Mandloi	979-985
Improving Soil Health by application of Organic Nutrients	Peeyush Srivastav and Suchi Gangwar	986-990
Correlation and Path Coefficient analysis for yield and its Contributing Characters under different Sowing dates in Chickpea (<i>Cicer arietinum</i> L.)	P.P. Desai, N.S. Kute, A.S. Totre, V.R. Awari, M.R. Pati, G.C. Shinde, S.B. Narale and S.S. Gawade	991-998
Morphological and Cultural Variability of <i>Fusarium oxysporum</i> f. sp. <i>ciceri</i> Isolates of Marathwada Region (Maharashtra), India	Varala Krishnaveni and K.D. Navgire	999-1004
Growth Analysis and Yield Response of Soybean to Consortia Biofertilizer Application Under <i>Kharif</i> Conditions	P.M. Patil, R.S. Shaikh, Suraj N Gund and V.R. Awari	1005-1015
Adoption of Recommended Green Fodder Cultivation Practices: Analysis of Respondent Behaviour in Sub-Tropics of Jammu Region of India	Anamika Sharma, Sahil Badgal, L.K. Sharma, Tsewang Dolma, K.R. Ananda and Ankit Pal	1016-1020
Assessment of Growth and Productivity of Garden Pea (<i>Pisum sativum</i> L. var. <i>hortense</i>) in the Gird Zone of Madhya Pradesh, India	Anshul Chauhan, R.K. Jaiswal, Pragya Singh, Piyush Pareta and Vibhuti Paliwal	1021-1026
Study the Foliar application of Nano urea and NAA on yield of Broccoli	Kajal Singh, Pushpendra Kumar, Shipra Singh Parmar, Divya Panday, Saikat Jana and Hiya Dashora	1027-1032
Effect of Integrated Nutrient Management Practices on Growth, Yield and Economics of Groundnut (<i>Arachis hypogaea</i> L.) Grown on Acidic Soils in Kandhamal District of Odisha, India	Sujit Kumar Mukhi, Prasannajit Mishra, Narayan Bar, Amit Phonglosa, Pradipta Majhi and Jibanjit Sen	1033-1039
Evaluation of Resistance against Anthracnose (<i>Colletotrichum truncatum</i>) in Popular Hybrids/Varieties Cultivated in Major Chilli Growing Areas of Telangana, India	D. Ashwini, B. Vidya Sagar, Bharati N. Bhat, S.N.C.V.L. Pushpavalli and D. Srinivasa Chary	1040-1044
<i>Bulbophyllum stocksii</i> (Benth. ex Hook.f.) J.J.Verm., Schuit. & de Vogel (Orchidaceae): A new record to North East India	Y. Mahesh, R. Kottaimuthu and N. Odyuo	1045-1048
Impact of maize genotypic variability on morphometric traits of Fall Armyworm (<i>Spodoptera frugiperda</i>)	Rashmi Vishwakarma, S.B. Das and Sundar Borkar	1049-1053
Impact of various weather parameters on Insect Pests Complex of Mustard in Mandawar Region of Haridwar District Uttarakhand India	Rakesh Kumar, Asheesh Malik and Shivani Tyagi	1054-1058
Response of Nano DAP on Nutrient Content, Uptake and Quality of Cowpea (<i>Vigna unguiculata</i> L.)	S.N. Goplani, A. M. Polara, M. P. Dobariya and N. H. Solanki	1059-1064
Evaluation of Efficacy of Fungicides Against Foliar Blight of Wheat Caused by <i>Bipolaris sorokiniana</i> under <i>In Vivo</i> condition	Aanchal Panwar, I. B. Kapadiya, M. L. Patel, Bhumi U. Gamit and Bindushree S.T.	1065-1068
Genetic Basis of Heterosis and Inbreeding Depression across Generations in Vegetable cowpea (<i>Vigna unguiculata</i> L. Walp)	Dhrumi N. Dalsaniya, S.D. Solanki, B.R. Viridiya and K.N. Prajapati	1069-1077
Integrated Solutions for Management of Leaf Blight (<i>Exserohilum turcicum</i>) in Sorghum	Butty Lakshmi Shivani, S.S. Anjum, Shalini N. Huilgol and N. G. Hanamaratti	1078-1082
Standardization of Appropriate Grafting and Graft healing Method in Tomato	Yacharam Navya Sree, S. Mallesh, Prasanna Holajjer and M. Rajasekhar	1083-1088
Impact of RKVY- RAFTAAR on Farmers' knowledge and Adoption of Integrated Farming System: An Experience from Assam, India	Chappidi Venkata Pujitha, Sundar Barman, Ayan Hazarika and Afsana Rahman	1089-1095
Effect of Different Biofertilizer Formulations and Foliar Sprays on growth Parameters of Blackgram	Pinjari Moulali, G. Adilakshmi Ramarao, P. Vara Lakshmi and Avil Kumar	1096-1100
RNA Interference: Recent Advances, Applications, and Future Prospects in Crop Improvement	Ved Prakash Yadav	1101-1125
Stability Analysis for grain yield using AMMI Model in Elite lines of Rice (<i>Oryza sativa</i> L.)	Shubhashree Panda, Subhra Acharyya and Sunil Kumar Nair	1126-1132
Effect of Organic Nutrient Amendments on growth, yield Attributes and yield of Rapeseed	Sonam Lhamu, J.C. Das, Akash Paul, Anasuya Boruah, Anjali Taku and Hibu Sonia	1133-1138
Impact of Oil-based Coatings on the Shelf life of Tomato Fruit (<i>Solanum lycopersicum</i> L.)	Abhishek Rai and Dashrath Bhati	1139-1146

- Effect of Crop Establishment and Nutrient Management Practices on Growth Attributes of Finger Millet (*Eleusine coracana* L.) **G. Bhanu Chander, U. Nagabhushanam, Swarna Ronanki and K. Pavanchandra Reddy** 1147-1152
- Study on the Comparative effect of foliar spray of New Generation, Plant Growth regulators NAA and Micronutrients on flowering of Guava (*Psidium guajava* L.) under meadow planting system **G. Lakshmi, D. Naga Harshita, Veena Joshi and G. Sathish** 1153-1159
- Effect of Application of Micronutrients on yield attributes and Economics of Sunflower (*Helianthus annuus* L.) **P.S. Navale, B.N. Aglave, S.A. Kanawade, D.J. Patil and R.D. Yewale** 1160-1164
- Evaluation of seed tuber performance of Potato (*Solanum tuberosum* L.) varieties produced using Apical Aooted cuttings under Central Telangana Region **M. Laxmiprasanna, V. Suchitra, J. Srinivas and G. Sathish** 1165-1170
- Influence of Phosphorus Fertilizers and Phosphorous Solubilizing Bacteria (PSB) Inoculation on Soil Nutrient Availability in Soybean **Kore Meghana, A.V. Rajani and Navdeep Singh Bhati** 1171-1174
- Assessment of Mungbean Genotypes for Resistance Against Yellow Mosaic Disease under Natural Conditions **Pawan Kumar Kasniya, Tarun Verma, Pawan Kumar, Mallikarjun Kenganal and Aditya Pratap** 1175-1181
- Effect of Postharvest treatment of Calcium Chloride and Potassium Sulphate on Physical Parameter and Shelf life of dragon Fruit (*Hylocereus polyrhizus* (web.) Britton and Rose) **Smrutirani Jena, R.S. Verma, Bipin Kumar, Saurabh Verma and Vishal Kumar** 1182-1186
- Varying intra-row Sacing and Mulching effect on yield, quality and Economics of Parthenocarpic Cucumber (*Cucumis sativus* L.) under Protected Ccondition **Sandeep Yadav and Devi Singh** 1187-1192
- Influence of Pinching and growth Retardants on flower quality Parameters of China Aster (*Callistephus chinensis* L.) cv. Arka Shubhi for Pot Purpose **Rajeshwari, D. Laxminarayana, Natarajan Seenivasan, Zehra Salma and S. Praneeth Kumar** 1193-1197
- Impact of Foliar Application of Different Plant Growth Substances on Flowering and Fruit Set of Pomegranate (*Punica granatum* L.) cv. Mridula under semi-arid sub-humid climatic condition **Satyendra Verma, Subhash Chandra Singh, Om Prakash, Priya Awasthi and Vishal Chugh** 1198-1202
- Empowering Farmers through Digital Soil Mapping: The Role of Remote Sensing and GIS in Extension Advisory Systems **Priyanka Rani and Mani Bhushan** 1203-1217
- Effect of Nano Fertilizers of Nitrogen and Phosphorus on growth, yield and quality of Potato (*Solanum tuberosum* L.) **V.S. Pallavi, E. Padma, G. Kranthi Rekha and B. Pedra Babu** 1218-1220
- Distinctness, Uniformity and Stability DUS Traits for Characterization of Okra (*Abelmoschus esculentus* L. Moench) **G. Sharanya, J. Srinivas, P. Saidaiah, S. Mallesh and G. Sathish** 1221-1226
- A Comparative Study of Adoption Level of Beneficiaries and Non-Beneficiaries Farmers Regarding Turmeric Cultivation **Yuvaraj Singh Dhruw, Govind Prasad and Virendra Kumar Painkra** 1227-1231
- Influence of Varieties and Plant Densities on growth and quality of Broccoli (*Brassica oleracea* var. *italica* L.) under Central Telangana conditions of India **T. Prathyusha, A. Mamatha, S. Mallesh and R. Preetham Goud** 1232-1236
- Variability Studies for yield and Quality traits in Cassava (*Manihot esculenta* Crantz) **P. Saranya, M. Janaki, L. Naram Naidu and K. Umakrishna** 1237-1242
- Assessing Adoption of Improved Rice and Technological Gaps in Rice Cultivation: Evidence from Manipur India **Bidyapati Thangjam, K.K. Jha, Deepa Thangjam, Sentibenla Pongener and Laishangbam Diyana Devi** 1243-1249
- Seasonal Variability and Spatio-Temporal Trends of NDVI for Vegetation Monitoring in Sangli District of Western Maharashtra India **D.J. Golhar, S.V. Bagade, P.B. Pawar, S.S. Shinde, M.B. Neelima and P.P. Patil** 1250-1256
- Lasioidiplodia theobromae*: a Facultative Pathogen of Coconut- A Comprehensive Review **V. Govardhan Rao, A. Kireeti, V. Anoosha, S. Sumitha, B. Augustine Jerard, B. Neeraja and M. Mutyalanaidu** 1257-1268
- Effect of Bio-enhancers and Bio-fertilizers on the Economic parameters of different treatments of Aonla (*Embllica officinalis* Gaertn.) cv. NA-7 **Sarfaraaj and V.K. Tripathi** 1269-1272
- Correlation and path analysis in Yard Long Bean Genotypes for Yield and its Attributing Character **R. Abhimanyu, Uday S. Shinde, Swapnil A. Dhumal, Seema A. Sarvade, Ravindra D. Pawar and Manisha S. Mote** 1273-1280
- Influence of Nano Urea Plus and Nano DAP on the vegetative growth and earliness parameters of tomato (*Solanum lycopersicum* L.) **Budigam Vineela, A.V.N. Lavanya, R. Preetham Goud and Veena Joshi** 1281-1284
- From Fields to Fame: A Curious Case of GI Tags in Chilli Varieties of India **Gaurav Vinod Rao Sadafale, M.R. Raiza Nazrin, Bhoyar Amruta Purushottam, Santosh B. Kachi, N. Lavanya and K.M. Rajesh** 1285-1298

Integrated Nutrient Management in Brinjal (<i>Solanum melongena</i> L.)	Sneha J. Mistry, Mihir M. Pandya and V.I. Joshi	1299-1305
Comparative Studies on Effect of Integrated Nutrient Management on Growth and Yield of Chickpea (<i>Cicer arietinum</i> L.)	Ravikant Rishishwar, Satish Kumar, Shraavan Kr. Maurya, Aman Parashar, Mekala Sai Sathvikaa, Naman Soni, Anita Aechra and Aakash Malik	1306-1310
Artificial Lighting for Shortened Cultivation and Higher Yield in Chrysanthemum	Bheemisetty Sai Sindhuri, R. Nagaraju, M. Raja Naik and V.V. Padmaja	1311-1316
Exploring the Ecology and uses of <i>Cedrus deodara</i> in Montane Regions of Uttarkashi, Uttarakhand, India	Krishan Pal Singh Rana, Rupinder Kaur, Atal Bihari Bajpai, Avadhesh Kumar Koshal, Navendra Uniyal and Aditya Raturi	1317-1323
Research Topic- Phenotypic evaluation of Faba Bean (<i>Vicia faba</i> L.) for selecting Superior Genotypes	Yash Kumar Singh, Vijay Bahadur, Thamarai Kannan Sivakumar, Ananya Singh, S.K. Yadav and V.P. Sahi	1324-1328
Effect of Foliar Spray of Nano Urea on Growth, Yield and Economics of Tomato	N.H. Solanki, K.B. Asodariya, K.K. Gajera and S.N. Goplani	1329-1335
Effect of Jaggery as a substitute for Refined Sugar on Chemical and Sensory properties of Milk Chocolates	N. Annapurna, M. Kalpana, V. Sudha Vani, R.V. Sujatha, K. Aruna Kumari and V. Sekhar	1336-1340
Standardization of Rooting Media and PGR Levels for Successful Softwood Cutting Propagation in Guava (L-49)	Rushikesh M. Bhusari, Chandrashekhar V. Pujari, Sunil D. Patil, Ravindra V. Patil and Shivam R. Patil	1341-1349
Efficacy and Economics of Combination Insecticides against Yellow Stem Borer (<i>Scirpophaga incertulas</i>) and Leaf folder (<i>Cnaphalocrocis medinalis</i>) in Rice	Pankaj Kumar Yadav, Sameer Kumar Singh, Kamal Ravi Sharma and Rajneesh Kumar Verma	1350-1354
Genetic Variability, Heritability and Trait Association Analysis in Rice (<i>Oryza sativa</i> L.) Genotypes under Eastern Uttar Pradesh Agro-Climatic Conditions	Akanksha Singh, S. C. Vimal, Suraj Kumar, Bishawajit Kumar and Vaishnavi Neekhra	1355-1360
Assessment of Genetic diversity using PCA for yield attributing and grain quality traits in Aromatic Short-grain Rice (<i>Oryza sativa</i> L.) Mutants along with their Parental Lines	Subhra Acharyya, Shubhashree Panda and Deepak Sharma	1361-1366
Genetic variability, heritability and genetic advance for yield and yield components in field pea (<i>Pisum sativum</i> L.)	B.R. Viradiya, M.S. Patel, D.N. Dalsaniya, N.V. Soni, H.N. Zala, P.R. Patel, N.M. Bhut and P.K. Ukani	1367-1370
Factors Influencing Solar Energy Pumps Adoption in Rajasthan's Scheduled Area: An Application of Logit Model	Shivangi Upadhyay, Akash Vilas Mhaskey and Girdhari Lal Meena	1371-1378
Effect of Crop Load Management on Growth Yield and Quality of Custard Apple (<i>Annona squamosa</i>) cv. Balanagar	H.S. Shinde, S.D. Patil, D.T. Wayal, P. S. Avhad, R.V. Patil and R.P. Shirsath	1379-1383
Genetic variability, Heritability and Genetic Advance in F ₅ generation of chilli (<i>Capsicum annum</i> L.)	A.P. Manjima, V.S. Khandare, M.P. Wankhade, G. Praveenkumar and V. Laharika	1384-1388
Efficacy of Fungicides against <i>Alternaria solani</i> Causing Early Blight of Tomato under <i>In-vitro</i> and <i>In-vivo</i> Conditions	Deepti Tandon, R.K.S. Tiwari and V.K. Nirmalkar	1389-1401
Effect of Individual and Combined Biofertilizers with RDF on Growth Attributes of Onion (<i>Allium cepa</i> L.) cv. Agrifound Light Red	Piyush Pareta, Inder Singh Naruka, Anshul Chauhan, Vibhuti Paliwal and Devendra	1402-1406
Effect of Enriched vermicompost on growth and yield of Baby Corn (<i>Zea mays</i> L.)	Mahammad Riyaz, Ramesha Y. M., Krishnamurthy D., Vishwanatha S., Chandranaik M., Ajayakumar M. Y. and Mahadeva Swamy	1407-1414
Management strategies against chickpea wilt caused by <i>Fusarium oxysporum</i> F. sp. <i>ciceri</i> through different plant-extracts, bio-agents and fungicides	Pempee, Mateti Gayithri and Mahabeer Singh	1415-1424
Potentiality of Scientific Oyster Mushroom Production in Dhubri District of Assam under the Amar Gaon Amar Gaurav Programme (AGAG)	Barnali Saikia, Sanchita Brahma, Manashi Hazarika, Padminee Das and Ranjita Brahma	1425-1430
GW 547 a high yielding, multiple disease resistant and biofortified bread wheat variety for Central India	C.R. Patel, S.K. Patel, J.M. Patel, A.M. Patel, A.S. Patel, V.M. Patel, M.S. Dabhi and R.V. Thakkar	1431-1435
Antibacterial and Antioxidant Potential of a Medicinal Plant <i>Rheum australe</i> D. Don	Mohar Singh, Jagriti Rana, Jyoti Rana, Bhishm Dutt and Anand Sagar	1436-1440
Development of Organic Liquid Pesticides from Herbs: A Sustainable Alternative to Synthetic Chemicals	Varsha Sanjay Khude	1441-1446
Evaluation of chrysanthemum (<i>Dendranthema grandiflora</i> L.) varieties under Saurashtra region conditions	Mayuri Nandania, Nilesh Joshi, Pooja Maheta and Satyam Goplani	1447-1456

continued on next page X

- Depletion of Haemolymph Protein and Carbohydrate Content in *P. xylostella* larvae induced by Plant Derived Silver Nanoparticles
A. Vindhya, N. Emmanuel, V. Sudarshana Deepa, C.P. Viji, D.R. Salomi Suneetha, T.S.K.K. Kiran Patro and V. Sekhar 1457-1462
- Exploring Variations in Phosphorus Fractions of Soils under Various Land Use Systems
Mir Shareen Mehraj, Inayat Mustafa Khan, Durakshan Sultan, Suheeba Fayaz, Ibtisam Irshad, Azrah¹ and Renuka 1463-1470
- Assessment of genetic variability and identification of Promising Renotypes for yield and Quality traits in Brinjal (*Solanum melongena* L.)
Saimanikiran Unnam, A. Mamatha, Mallesh Sanganamoni, V. Suresh and Devaraju 1471-1476
- Innovative 3D-Printed Fast Dissolving Oral Disintegrating Films from Alternanthera: A Step Towards Personalized Medicine
Sumana Dharni, Jadala Shankaraswamy, Jogdhande Srinivas and Shahnaz 1477-1485
- Influence of Integrated Nutrient Management and foliar application of Nano urea on Growth, flowering and yield of Guava var. Allahabad Safeda
R. Celestial, K. Venkata Subbaiah, M. Siva Prasad and T. Thulasi Rami Reddy 1486-1490
- Standardization of Dehydration Techniques for production and quality of dry flowers in *Dendrobium nobile* cv. Mary Trowse
K. Vivek, T. Suseela, A.V.D. Dorajee Rao, P. Subbaramamma and V. Sekhar 1491-1497
- Effect of different levels of Nitrogen and Potassium under various Spacings on growth and Quality of annual Chrysanthemum
Alekhya, C.N.R. Santhoshini, P. Prashanth and G. Sathish 1498-1504
- Evaluation of F₃ Progenies of China aster Hybrids for Flower Quality and Seed Yield
D.R. Karthik, R. Vasantha Kumari, Chikkalingaiah, K.S. Nirmala, K. Murali and Seema Basavaraj Tadasanavar 1505-1510
- Genetic diversity studies in open Pollinated seedling Progenies of Elephant foot Yam *Amorphophallus paeoniifolius* (Dennst.) using SSR markers
A. Reshma, K. Mamatha, B.V.K. Bhagavan, A. Snehalatha Rani, D.R. Salomi Suneetha, K. Ravindra Kumar, R. Naga Lakshmi and V.S.N. Deepika 1511-1514
- Impact of Integrated Horticultural Practices on Acid Lime Production in Hasta Bahar
U.G. Thakare, G.J. Tupkar and Dimpal K. Gawande 1515-1520
- Mitochondrial Antioxidative Response to Osmotic Stress in Chickpea
D.A. Sapakale, P.K. Lokhande, S.B. Narale, S.G. Mohite, U.S. Dalvi, A.A. Kale and R.M. Naik 1521-1524
- Changes in Root Growth Nodulation Behaviour, Plant Survivability of Chickpea under Organic Sources of Nutrients and Bio-Agents
Abhishek Sharma, S.B. Agarwal, A.K. Jha, R.K. Sahu, Sanjay Singh Jatav, Parikha Prakash Singh and Vinita Parte 1525-1529
- Investigation of the effects of Diverse diet Combinations on the life-cycle of *Corcyra cephalonica*
Sumit Mehla, Deepak Kumar, Deepika Kalkal, B.L. Sharma, Palvi Thakur, Preeti Sharma, Rakshit Mehla, Raj Kumar, Pooja Yadav and Ankit Saini 1530-1534
- Increase efficiency in Millets Agrarian and Nutritional food from Bio-fortified hybrids : A Review
Ved Prakash Yadav, Seema Yadav, Poonam Yadav and Anil Kumar Yadav 1535-1544
- Genetic variation and Inheritance of Qualitative fruit Characters in Melon Evidence of duplicate, Complementary and Inhibitory Gene actions
Shivapriya M., Rashmi K. and Ravishankar K. V. 1545-1553
- Influence of growth retardants on growth and flowering in Bougainvillea after Pruning
S. Priyanka Reddy, Zehra Salma, S Praneeth Kumar and G Sathish 1554-1558
- The effects of Zinc and Boron on Seed quality of early Cauliflower (*Brassica oleracea* var. *botrytis* L.) cv. Sabour Agrim
Baddigam Kasi Reddy, Santosh Kumar Singh, Pramila, Udit Kumar, Dumpapenchala Vijayreddy, Dumavath Srikanth Naik, K. Bharath Chandra and Anil Kumar Singh 1559-1566
- Studies on Effect of Bio-enzymes on growth and Physiological parameters of African marigold (*Tagetes erecta* L.) cv. BM 4
Ch. Dharani, K. Kaladhar Babu, G. Jyothi and G. Sathish 1567-1570
- Impact of Fertilizer dosage and time of application on yield and quality of Mango (*Mangifera indica* L.) cv. Kesar
Shinde M. B., Shinde V. N., Mavinalli Santosh, Pardeshi S. S. and Abhishek 1571-1578
- Elucidation of Antioxidant Competence in Macrofungal Solvent Extracts via Reducing Power Assay
Suhail Quyoom Wani, Mushtaq Ahmad Bhat, Zahoor Ahmad Bhat, Sajad Majeed Zargar, Imtiyaz Murtaza, ShoukatAra, Tajamul Manoor, Zuhaib Faoq, Aditi Mankotia, Syed Bisma Nisar and Basavalinga Hiremath 1579-1583
- Qualitative Characterization of Tamarind (*Tamarindus indica* L.) Genotypes for Improved Selection and Conservation
P. Gnana Sarah, P. Harikanth Porika, V. Suchitra, S. Reeja and G. Sathish 1584-1590

- Effect of Exogenous Application of Plant Growth Regulators on Growth and Flowering Attributes of Bottle Gourd (*Lagenaria siceraria* L.)
Sawan Patel, Swati Barche, Anvita Sharma, Mohanlal Solanki, Prakash Singathiya and Ravindra Nagar 1591-1594
- Documenting the Rich Medicinal Biodiversity of Mahasamund District of Chhattisgarh India: A Comprehensive Ethnobotanical Study
Supriya Bhoi, Surendra Kumar Gautam and Devyani Sharma 1595-1602
- Impact of Pre-sowing seed treatments on Germination and Shoot Parameters of Guava (*Psidium guajava* L.)
Ravindra Nagar, Rajveer Singh Katoriya, Sawan Patel, Monu, Ramnarayan Pal and Prakash Singathiya 1595-1602
- Harnessing Microbial Dynamics and Smart C/N Ratio management: Progressive Pathways for Sustainable Soil Fertility
Kiran Yadav, Ved Prakash Yadav and Dinesh Kumar Yadav 1608-1612
- Molecular Characterization of *Spodoptera litura* (Fabricius) Infesting Cotton using Mitochondrial Cytochrome C Oxidase (COI) Gene
Rishee K. Kalaria, Surbhi Pathak, Abhishek Shukla, Vijay K. Vekariya, Kiran Suthar, Vipul Kumar Patel, Kaushal Modha, Hiren V. Patel and Nitin Varshney 1613-1624
- Life cycle and biology of *Spodoptera litura* (Noctuidae: Lepidoptera) infesting Cotton
Rishee K. Kalaria, Surbhi Pathak, Abhishek Shukla, Himanshu Desai, Hiren V. Patel, Nirav Radadiya, Sehul Chavda and Nitin Varshney 1625-1630
- Effect of Organic and Inorganic Fertilizers on Plant Growth and Fruit yield of Bitter Gourd (*Momordica charantia* L.)
Sangeeta Yadav and Anita Kerketta 1631-1636
- Genetic variability and Cluster analysis for Fusarium Wilt And Sterility Mosaic disease Resistance In Pigeonpea (*Cajanus cajan* L. Millsp.)
K. Suma, Prakash I. Gangashetty, H. C. Lohithaswa, K. Pushpa, S. Ramesh and P. Ravishankar 1637-1648
- Integrated Management and Breeding approaches for Charcoal Rot and Stalk Rot Resistance in Maize (*Zea mays* L.): A Review
Kiran Yadav, Ved Prakash Yadav and Dinesh Kumar Yadav 1649-1657
- Response of Organic Manures and their Levels on growth and Spike yield of Tuberose (*Polyanthes tuberosa* L.) Cv. Prajwal
Manisha, B.S. Beniwal, Sonu Sheoran and Ritu Yadav 1658-1662
- Influence of Microbial consortium and Nutrient Management on seed Yield and quality in Cowpea (*Vigna unguiculata* L.)
Soumya Vanikyal, R. Siddaraju, M. R. Ananda, Uday Bhaskar, K., Sowmya K. J., M. M. Manjunath., Sachin, M., Bharath B. K. and Bheemasingh 1663-1671
- Seasonal incidence and effect of weather Parameters on Population Dynamics of Brinjal Shoot and Fruit Borer, *Leucinodes orbonalis* (Guenee) in Brinjal crop
Tekchand Nayak, Gaje Singh, Saurabh Padamshali, Hitesh Kashyap, Sandeep Kumar and Anagha Anil 1672-1678
- Biological and Chemical Control of *Aspergillus niger* in Sweet Orange: An *In Vitro* Approach
Vaishnavi P. Kharbadkar, S.V. Kolase, S.B. Latake, M.H. Shete, A.A. Kale and M.R. Patil 1679-1682
- Studies on Effect of Super Nano Urea and Sulphur on Seed Yield and Quality in Cowpea (*Vigna unguiculata* L.)
M. Sachin, R. Siddaraju, M.R. Anand, P. Venkappa, K.J. Sowmya, B. Basavaraja, C. Narayanswamy, K.R. Abhishek, M.M. Manjunath and Soumya Vanikyal 1683-1690
- Evaluation of Winged Bean (*Psophocarpus tetragonolobus*) Genotypes in Coastal Andhra Pradesh for Growth and Yield Traits
D. Padmini, K. Usha Kumari, K. Mamatha, T. Nagalakshmi and V. Sekhar 1691-1695
- Influence of Potting media composition on plant growth Parameters of Alternanthera in vertical Gardening
M. Chinnari, T. Suseela, A.V.D. Dorajee Rao, P. Subbaramamma and V. Sekhar 1696-1706
- Effect of Types of Cuttings and Levels of Indole Butyric Acid (IBA) on Rooting and Growth of Malpighia (*Malpighia coccigera* L.)
Krishnkumar P. Donda, Rishabh J. Makwana, R. Reshma and Nirbhay M. Busa 1707-1712
- Seed Germination and Vigour Evaluation of Tomato, Brinjal and Chilli for Optimized Grafting Schedules
Dayana Guntuka, Mallesh Sanganamoni, J. Cheena, P. Saidaiah, P. Gouthami and P. Srinivas 1713-1718
- Research Topic- Phenotypic evaluation of Faba Bean (*Vicia faba* L.) for selecting Superior Genotypes
Yash Kumar Singh, Vijay Bahadur, Thamarai Kannan Sivakumar, Ananya Singh, S.K. Yadav and V.P Sahi 1719-1723
- Differential Responses of Edible Coatings on shelf life and Fruit quality of Kinnow Mandarin
Suman, Rohit Sharma, Nikesh Chandra, Jujhar Singh, Rajveer Kaur and Heena Sharma 1724-1730
- Organic Production Systems in Fruit, Vegetable and Ornamental Crops: A Review
Varsha Minz¹, Shubham Jain^{2*}, Praveen Kumar Mishra, Anand Kumar Dikshit, Suraj Luthra, Ronanki Srinidhi, Kishan Singh and Pasupuleti Venkata Siva Prasad 1731-1742

continued on next page XII

- Isolation and Characterization of Bioactive Compounds from the Bark of the Endemic Tree *Syzygium palghatense* Gamble from Palakkad, Kerala, India
Snehalatha Valiya Rayiramkandath Veedu and Rasmi Avanoor Ramanathan 1743-1748
- Effect of Nano Zinc Particles and Conventional Zinc Fertilizers on Onion Growth and Yield under Different Application Methods
Anita R. Ghandhe, Kishorkumar G.K., Kavin Raj, M.S. Nagaraja, H.P. Hadimani and Shankar Meti 1749-1757
- Effect of Biostimulants on Yield of Field Bean [*Lablab purpureus* (L.) Sweet] under Rainfed Condition of Southern Transitional Zone of Karnataka, India
H.D. Yashavanth, Narayana S. Mavarkar, H.K. Veeranna, M. Ganapathi and A.Y. Hugar 1758-1764
- Genetic analysis of grain yield and its component in Pearl Millet (*Pennisetum glaucum* L. R. Br.) Hybrids
Sandeep Kumar, R.A. Gami, T.A. Parsaniya, Ayushi Acharya, R.N. Patel, K.G. Kugashiya, Kamlesh Kumar, J.M. Chaudhary and A.R. Donga 1765-1772
- Influence of Sowing dates and Pinching on growth Parameters of Dolichos Bean (*Lablab purpureus* L.) cv. Dr YSRHU-Shresta
K. Teja Sree, M. Ravindra Babu, E. Padma and K. Umakrishna 1773-1778
- Effect of Herbicides on growth, Establishment and Weed control in Korean Grass (*Zoysia japonica*)
K. Umeshsai, A.V.D. Dorajee Rao, T. Suseela, P. Subbaramamma and V. Priyanka 1779-1782
- Assessment of Trait relationship in Wheat (*Triticum aestivum* L.) using Correlation and path Coefficient analysis
Anuj Mishra, Shweta, Vijay Kumar Yadav, Lokendra Singh, Sarvendra Kumar, Rajendra Kumar Yadav, C. L. Maurya, Vishal Yadav, Utkarsh Tiwari and Shivam Tripathi 1783-1790
- Assessing Genetic worth of Segregating Populations to derive Transgressive Recombinant inbred Lines in Chilli (*Capsicum annum* L.)
K. M. Shirisha, V. Prashantha, A. Mohan Rao, Bidwan Rath, Channabasava, S. R. Spoorthi and Priyanka 1791-1796
- Comparative study of Cocoa (*Theobroma cacao* L.) Genotypes under Assam conditions of North East Region of India
L.S. Singh, S. Elain Apshara, M. Debnath, Alpna Das and Jyoti Roy 1797-1804
- Assessment of Combining ability and Heterosis for Anthracnose Utilizing Hybrids derived from Exotic And Indigenous collections in Chilli (*Capsicum annum* L.)
Bidwan Rath, A. Mohan Rao, Premakumar, V. Prashantha, K. M. Shirisha, Channabasava, Jenia Roy, Firos T. M. Basha and Rohit Sarkar 1805-1812.
- Studies on Dates of Transplanting, PGR's on Growth and Yield of Watermelon (*Citrullus lanatus* Thunb.)
I. Sridhar, K. Rajendra Prasad, E. Padma and K. Umakrishna 1813-1819
- Cultural and Physiological Characteristics of *Pantoeaananatis* Causing Fruitlet Blight of Nagpur Mandarin
Shubhangi M. Gawande, Y.V. Ingle, S.B. Bramhankar and M.V. Totawar 1820-1826
- Potential of Methanolic Botanical Extracts in the Control of Diamondback Moth, *Plutella xylostella* L.
S. Susmitha, M. Shanthi, M. Murugan, K. Senthil and M.L. Mini 1827-1830
- Effect of Dietary inclusion of Pure *Alpha mono lauric* acid on Anti-oxidant status in Commercial broiler Chicken under hot Climatic condition
Rajender Badavath, Narasimha Jatoth, Sudheer Babu Arumbaka, Srinivas Gurram, Mendu Mounika and Sandeep Jangili 1831-1835
- Ethnomedicinal Plants Used for Oral Health Care by Tribes Inhabiting North Dangs Region of South Gujarat, India
Krishna Gorfad, B.S. Desai, S.S. Jha, V.M. Prajapati, A.A. Mehta, A. Shrivastava and Y.A. Garde 1836-1842
- Role of Biofertilizers in promoting Soil health for Sustainable Agriculture: A Review
Babita, Shakti Om Pathak, Adarsh Pandey, Karmnath Kumar and Santosh Kumar Singh Chandel 1843-1850
- Effect of Density Pruning and application of Paclobutrazol on Fruit yield and Fruit Quality of Mango (*Mangifera indica* L.) cv. Kesar
Y.P. Petkule, G.M. Waghmare, S.B. Pavhane, R.B. Adsul and A.D. Pate 1851-1860
- Influence of Plant Densities and Staking on Vegetative growth of Certain Sweet Potato (*Ipomoea batatas* L. Lam.) varieties under Central Telangana conditions
Sreeja Ch., M. Rajasekhar, Mallesh Sanganamoni and V. Suresh 1861-1866
- Plant Growth Regulators for Improved flowering, Fruiting and Yield in Sapota (*Manilkara achras* Mill.) Cv. Kalipatti
K. Vasantha Kumari, P. Ashok, P. Vinaya Kumar Reddy and D. R. Salomi Suneetha 1867-1873
- Biochemical Constituents in Guava : A Review
B. Gladis, M. Siva Prasad, B. Tanuja Priya, Syed Sadarunnisa, M. Jayaprada and K. Arunodhayam 1874-1882
- Molecular Characterization and DNA Barcoding of groundnut Bruchid *Caryedon gonagra* (Coleoptera: Bruchidae) from Andhra Pradesh, India
Akhila I., Rajasri Mandali, V.L.N. Reddy and Raja Mallika A. 1883-1890
- Effect of Tuber Maturity and size on the Microbial Stability of Swallow Root (*Decalepis hamiltonii* Wight & Arn) Pickle and Candy
Urati Mahesh, K.M. Yuvaraj, M. Jayaprada, K. Swarajya Lakshmi, Lalitha Kadiri and U. Sriya 1891-1896

- Nano dap for Enhanced Growth and yield of field Bean (*Lablab purpureus* L. Sweet) under Southern Transitional Zone of Karnataka India
Sumukha N. Mavarkar, A. Y. Hugar, N. S. Mavarkar and Ganapathi, M. 1897-1904
- Influence of Tuber Maturity and size on the Microbial Stability of Syrup and powder from Swallow Root (*Decalepis hamiltonii* Wight & Arn)
Urati Mahesh, K.M. Yuvaraj, M. Jayaprada, K. Swarajya Lakshmi, Lalitha Kadiri and U. Sai Prakash 1905-1911
- A Study on Varietal Performance of Gerbera (*Gerbera jamesonii* Bolus Ex. Hooker F.) under Polyhouse conditions
Yelle Srujana, K. Kaladhar Babu, G. Jyothi and G. Sathish 1912-1916
- Effect of dosage and Frequency of Frtigation on Production and Productivity of Mango (*Mangifera indica* L.) Cv. Banganpalli.
J. Ravi Kanth, A. Bhagwan, A. Kiran Kumar, S. Narender Reddy, M. Sreedhar and Purnima Mishra 1917-1926
- Effect of Multi-micronutrient Mixture grades application on growth and quality of Soybean (*Glycine max*)
C.J. Patel, S.V. Rathod, H.N. Chaudhary and S.P. Patel 1927-1932
- Morphological Distinctiveness, Uniformity and Stability (Dus) assessment of Marigold (*Tagetes* Spp.) Genotypes
Amit Kumar Satpathy, Arna Das, G. B. Patil, Jigar J Mistry and Sumit Kiran Satpathy 1933-1938
- Impact of Foliar application of growth Regulators on Plant Growth and yield in Cape Gooseberry (*Physalis peruviana* L.)
K. Uma Sukanya, A. Hima Bindu, R. Rajyalakshmi and P. Subbaramamma 1939-1944
- Effect of Integrated Nutrient Management on yield and quality attributes of Radish (*Raphanus sativus* L.) Cv. Japanese White
Dinesh Kumar Meena, Rubee Lata, Sanjay Kumar, M.L. Meena, R.S. Verma, Diksha Sangh Mitra, Sunil Kumar Rawat, Ratan Kumar Pal and Dheeraj Kumar Saroj 1945-1951
- Performance of Nerium Accessions in Godavari zone of Andhra Pradesh India
V. Chaitanya, A.V.D. Dorajee Rao, T. Suseela and P. Subbaramamma 1952-1956
- Effect of Postharvest Treatments on shelf life and quality of Jamun (*Syzygium cumini* L. Skeels) fruits
K. Pranati, P. Vinaya Kumar Reddy, M. Madhavi, S. Narasimharao and V. Sekhar 1957-1962
- Influence of Different Levels of Biofertilizers and Jeevamrit on Growth and Yield Parameters of Guava (*Psidium guajava* L.)
Astha, P.K.S. Gurjar, I.S. Naruka, R.K. Jaiswal, Ramawatar Choudhary, Deepanshi Deora, Hemant Kumar Meena and Nindiya Bharti 1963-1966
- Effect of Paclobutrazol on quality, yield and yield attributes in Mango (*Mangifera indica* L.) cv. Banganapalli under coastal zone of Andhra Pradesh India
K. Bindusri, B. Ramesh Babu, P. Subbaramamma and A. Harsha Vardhan 1967-1972
- Efficacy of Bio-agents and Botanicals against Cercospora Leaf Spot in Okra (*Abelmoschus esculentus* L.) caused by *Cercospora malayensis* (Stev. and Solh.)
Pratibha Kumari, B. Shashikala, Sachin R. Kondaguri, Rajshree Karanwal, Suchismita Mishra, Deepika Sorahia and Sunil Zacharia 1973-1979
- In-vitro* Evaluation of different Brassica crops against the Pathogen causing fungal wilt disease in Tomato
Lakhimi Saikia, Budha Bora, Nirmal Mazumder, Ranima Mishra, Hemendra Choudhury and Nayanmoni Buragohain 1980-1988
- Multivariate Statistical Approaches for investigating diversity among Sorghum (*Sorghum bicolor* L. Moench) hybrids
T.A. Parsaniya, R.N. Patel, R.A. Gami, Sandeep Kumar, K.G. Kugashiya, Ayushi Acharya, R.V. Patel, J.M. Chaudhary, Dhrumi Dalsaniya and A.R. Donga 1989-1996
- Combining ability and Gene Action Analysis using Line \times Tester in Green Gram (*Vigna radiata* L.)
Murakonda Sai Dinesh, Manisha Satyawan Mote, Kamilla Priyatham, Iram Bashir, Suman Patee, Mouli Paul, Mukesh Vishnoi, Dhamni Patyal, Ajaz A. Lone, Rajneesh Kumar and I.R. Delvadiya 1997-2004
- Assessment of Genetic diversity for yield, yield Components and Nutritional Traits in Inbred Lines of Pearl Millet (*Pennisetum glaucum* L.)
N. Sabitha, P. L. Jyothika, L. Madhavalatha and G. Mohan Naidu 2005-2011
- Influence of Inorganic Nutrients and Bio-fertilizers in combination with Bio-control agents and Botanical extracts on Qualitative Parameters and Economics of Garlic (*Allium sativum* L.)
Seelothu Rakesh, J. Cheena, P. Prasanth, M. Srinivas, B. Naveen Kumar and V. Suresh 2012-2018
- Molecular Characterizations of Brinjal Mapping Population using SSR Markers against Little Leaf Resistance
B. P. Chauhan, Urja B. Solanki, Y. M. Shukla, R. R. Acharya, M. M. Pandya and S. Kumar 2019-2030
- Bio-efficacy of Bioformulations against spotted Pod Borer, *Maruca vitrata* infesting Cowpea under Laboratory and Field Conditions
A.A. Darji, C.B. Varma and Puja Pandey 2031-2037
- Assessment of Correlation and Path analysis in French Bean (*Phaseolus vulgaris* L.) under the Central Plain Zone of Uttar Pradesh, India
Krishan Kumar, Ankita Tiwari, Vishal Yadav, Abhishek Kumar Yadav, Suryabhan and P.K. Singh 2038-2044

- Effect of Black Soldier Fly Larval Frass on yield and quality of Sweet Potato (*Lpomoea batatas* L.)
P. Divya, G. Venugopal, P. Ravi and G. Satyanarayana 2045-2052
- Soil Quality Index Assessment for different Grape varieties using PCA in Nandi Valley, Karnataka India
Pavan Kumar Muradi, Manjunath Madhukar Mopagar, Veenita M. K., Gayatri B. and Vinay Kumar A. N. 2053-2066
- Vegetative Propagation of F₁ Hybrid Cherry Tomato via side Shoot Cuttings: Optimizing Root Promoters and Media to fix Hybrid Vigour
Yogesh M., Nangsol Dolma Bhutia, Easton Lourembam, Pramod B. S. and Abhishek 2067-2074
- Assessment of Correlation coefficient and path analysis for yield and yield-attributing traits in Tomato (*Solanum lycopersicum* L.)
Diksha Sangh Mitra, Sanjay Kumar, Lokesh Yadav, Shweta Verma, Anushruti and Dinesh Kumar Meena 2075-2082
- Influence of Foliar Micronutrients and Liquid Manure applications on yield Attributes of Garden Pea In Semi-arid Regions of Rajasthan India
Surendra Singh Rathore, S.P. Singh, Kamlesh Kumar Yadav, Priyadarshani A. Khambalkar and Komal Yadav 2083-2088
- Climate change Impacts and Mitigation on Chilli Production: Adaptive Agronomic and Genetic strategies
Jaspreet Singh and Sahil Kumar 2089-2098
- Isolation, Morphological characterization, Molecular detection of Native *Trichoderma* Spp. from Sorghum Rhizosphere and their Efficacy against *Macrophomina phaseolina* (Tassi, Goid) Aausal agent of Charcoal Rot Disease
Archana B. M., Govindappa M. R., Manjunatha N., Girish G., Jayaprakash Narana R.P. and Aswathnarayana D. S. 2099-2105
- Analytical Study of Integrated Nutrient Management on yield of Arecanut and Soil Nutrient Status under Assam conditions of North East Region of India
Anok Uchoi, P. Subramanian, Ravi Bhat, L.S. Singh, Lungmuana Singson, Alpna Das, Manojkanti Debnath and Arup Jyoti Pathak 2106-2112
- Comparative Toxicity of commonly used insecticides to Agrobiont Spiders in *Bt* Cotton
P.P. Raj and M.B. Zala 2113-2118
- Comparative performance of establishment Methods and Nitrogen Practices on yield and Profitability in Rice–Rice Cropping System
Yalamareddy Kiranmai, Mangal Deep Tuti, A.V. Nagavani, M.B.B. Prasad Babu, P. Lavanya Kumari and V. Chandrika 2119-2126
- Application of GIS Technology for Restoration of Groundwater Resources: A Comprehensive Review
Ajay Prakash, Fawaz Parapurath, Sana Nazar, Ankit Kumar Meena, M. Panchulakshmi and Tashneema Waquar 2127-2136
- Gene Action and Combining ability analysis for yield and yield attributing Characters in Brinjal (*Solanum melongena* L.)
J. Keerthana, A. Shanthi, M. Manikandan, R. Aarthi and C. Jayalakshmi 2137-2141
- Unlocking Summer season Potential of Sponge Gourd Genotypes
Vidya, Shashikanth Evoor, Raveendra S. Jawadagi, M. P. Basavarajappa, Sarvamangala S. Cholin, Ramanagouda S.H. and D.O. Kavay 2142-2146
- Optimization of NPK Fertilizer levels for growth and productivity Traits in Vegetatively Propagated Hybrid Cherry Tomato
Yogesh M., Nangsol Dolma Bhutia, Easton Lourembam, Teju C. M. and Kishorkumar G. K. 2147-2153
- Biochemical Constituents in Coriander: A Review
J. Lakshmi Chandana, C. Madhumathi, Syed Sadarunnisa, B. Tanuja Priya, M. Jayaprada and Y. Sireesha 2154-2160
- Standardization of Jaggery based Chia (*Salvia hispanica* L.) Nutri Bar
Preeti M. Mayannavar, Jyoti M. Rathod, Sudharani N., Usha T. N. and Kiran Kumar R. Patil 2161-2166
- Average Heterosis for yield and its Component Traits in early and late Sown Wheat (*Triticum aestivum* L.)
Gandhodi Himaja, Swati G. Bharad, Ghorade R. B., Potdhuke N.R., Hadole S. S., Walke R. D., Nilesh Magar, Bichewar Nagesh, Anjali R. Talape and Ch. S. N. Raju 2167-2181
- Effect of Phosphorus levels and PSB Strains on growth, yield and Nutrient uptake of Soybean (*Glycine max* L.)
Akhila G., Raghuveer M., Sri Ranjitha P. and Krishna Chaitanya A. 2182-2188
- Genetic Diversity and Morphological variability of Maize (*Zea mays* L.) Inbreds via DUS Descriptors and Cluster Analysis
Matta Revanth Kumar Reddy, Sunil Kumar, Manigopa Chakraborty, M.K. Barnwal, Shivam Mishra and Nisha Bharti 2189-2196
- Evaluation of cut Chrysanthemum (*Dendranthema grandiflora*) Genotypes under Naturally Ventilated Polyhouse
C.A. Likhitha, B.C. Patil, Basappa Kamble, Vijayamahantesh and Mahantesh Nayaka 2197-2204
- Correlation Studies in F₂ Segregating Populations for yield and its Contributing traits in Okra (*Abelmoschus esculentus* L. Moench)
V.R. Khandebharad, R.A. Patil and S.P. Pole 2205-2212

- Status and Eco-Friendly Management of Alternaria Blight of Radish (*Raphanus sativus* L.) in Bundelkhand Region of India
Gulshan Regar, Jitendra Kumar Babele, Saurabh Singh, Chanchal Yadav, Vishal Shukla, Sumit Nagar, Sagar Panwar and Chetan Suman 2213-2218
- Effect of Pre-harvest Bagging on quality of Mango (*Mangifera indica* L.) fruit cv. Pusa Arunima
Tripti Singh, Arvind Kumar, Akanksha Marwah, Niharika Gurudev, Shubham Yadav, Amit Kumar and Arbaj Ali 2219-2224
- Population Dynamics of adult Fall Armyworm (*Spodoptera frugiperda*) through Pheromone Traps on Maize
Monika Singh, Amit Singh and Uma Shankar 2225-2230
- Elucidating Performance of Chilli Germplasm Belonging to Three *Capsicum* species through Principal Component Analysis and Selection of Heterotic Interspecific Hybrid
Gayatree Hazarika, Rumjhum Phukan, Ramendra Nath Sarma and Sharmila Dutta Deka 2231-2241
- Genetic Variability, Heritability and Genetic advance analysis in F₂ Segregating Populations for yield and its Contributing Traits in Okra (*Abelmoschus esculentus* L. Moench)
V.R. Khandebharad, R.A. Patil and S.P. Pole 2242-2250
- Evaluation of an Integrated Crop Management Package for Black Pepper: A Frontline Demonstration
M.C. Anjali, N. Sudharani, S. Anand and C. Sunil 2251-2260
- Impact of Fermentation process, drying methods in different months on physico-chemical characteristics of cocoa beans
T. Phinny Esther, M. Kalpana, S. Surya Kumari, K. Aruna Kumari and V. Sekhar 2261-2266
- Effect of High-Density Planting (HDPS) and Closer Row Spacing (CS) on Growth, Yield and Profitability of Cotton (*Gossypium hirsutum* L.) In Kurnool District of Andhra Pradesh, India
K. Raghavendra Chowdary, T. Sri Chandana, Y. Mounika, B. Anil Kumar, T. Vishnu Vardhan Reddy and P. Ravindra 2267-2272
- Depth-Wise Dynamics of Soil Chemical Properties across Contrasting Land-Use Systems in the Kashmir Valley
Mir Shareen Mehraj, Shakeel Ahmed Mir, Javaid Ahmed Sofi, Shaukat Ara, M. Khalid Bhat, Suheeba Fayaz, Durakshan Sultan, Nageena Nazir and Renuka 2273-2279
- Unveiling Genetic Variability of Physiological traits driving drought Tolerance in Chickpea (*Cicer arietinum* L.)
Priyanka, S. R. Spoorthi, V. Prashantha, K. M. Shirisha, Channabasava, Bharat and A. G. Vijaykumar 2280-2284
- GGE Biplot based Assessment of yield stability and Adaptability in Lentil (*Lens culinaris* Medik.)
Rohit Sarkar, Premakumar, Jenia Roy, Bidwan Rath, Prachi Shripatrao Yadav and Muraleedhar S. Aski 2285-2292
- Efficacy of spray schedule against Major Pests of Okra (*Abelmoschus esculentus*)
Jadhav V. S., Jayewar N. E. and B.B. Gaikwad 2293-2298
- Genetic Variability and Heritability estimates for Yield and Yield components in Muskmelon (*Cucumis melo* L.)
D.O. Kavya, Padmanabha K., Dhananjaya M. V., C. N. Hanchinamani, Raghavendra Gunnaiah, Sangeetha C.G. and Vidya 2299-2304
- Physiological And Yield Responses Of Rice (*Oryza Sativa* L.) To Low Light Stress
Veronica N, T Srinivas and M Girija Rani 2305-2312
- Effect of Nano Urea Plus and Nano Dap on Growth and yield of Okra (*Abelmoschus esculentus* L. Moench) Cultivars during Summer
A. Sahasra, T. Suresh Kumar, A. Bhagwan, D. Anitha Kumari and R. Preetham Goud 2313-2320
- Inheritance Patterns Assessment of Morphological and Fruit Traits through Generation Mean Analysis in Tomato (*Solanum lycopersicum* L.)
Anjali, Malleesh Sanganamoni, P. Saidaiah, P. Prasanth and G. Sathish 2321-2338
- Quality Enhancement and Shelf-life Extension in Mango (*Mangifera indica* L.) cv. Banganapalli through Plant Growth Regulators, Chemical Sprays and Pruning
S. Meiyarasan, M. Sivaprasad, D. Sreedhar and Y. Sharat Kumar Reddy 2339-2346
- Forest Floors to Farmlands: Unveiling Depth-Wise Dynamics of Very Labile Carbon in North-Western Himalayas
Tajamul Mansoor, Rehana Rasool, M. Auyoub Bhat, Tauseef A. Bhat, Fehim J. Wani, Zahoor A. Baba, Najmu Saqib Khan, Suhail Quyoom Wani, Mehraj-U-Din Lone, Ishfaq Majeed, Audil Gull, Sumyrah Mukhtar and Nasir Bashir Naikoo 2347-2351
- Mitigation of Flower and Fruit drop in Papaya (*Carica papaya* L.) during Summer by using different Bioregulators
Kuna Swapna, D. Sreedhar, M. Siva Prasad, Y. Sharat Kumar Reddy, K. Arunodhayam and A. Ramanjaneya Reddy 2352-2356
- Effect of Foliar application of Nutrients on yield and quality of Mango (*Mangifera indica* L.) Cv. Kesar
Pardeshi S. S., Shinde V. N., Mavinalli Santosh, Shinde M. B. and Abhishek 2357-2361
- Influence of Type of Cuttings and Plant growth Regulators on adventitious Root formation and growth of IVY Gourd (*Coccinia grandis* L.) cuttings
A. Jayaganesh, P. Syam Sundar Reddy, Syed Sadarunnisa, V.V. Padmaja and B. Hari Mallikarjuna Reddy 2362-2368

- Impact of Organic Manure, Biofertilizers, and NPK on Tomato (*Lycopersicon esculentum* L.) Plant Growth and Productivity
Shaily Bisen, Shriya Rai, Chandra Kant Sharma and Vinita Rathore 2369-2374
- Effect of Date and Method of planting in growth and yield of Chinese Potato (*Coleus rotundifolius*)
Ch. Janani, G. Kranthi Rekha, T.S.K.K. Kiran Patro, K. Umakrishna and V. Sekhar 2375-2381
- Evaluation of Genetic Variability and Selection Potential in Rice (*Oryza sativa* L.) Genotypes
Mallepally Pravalika, V. Sridhar, P. Revathi and M. Srinivas Prasad 2382-2386
- Studies on Cluster analysis of Faba bean Genotypes (*Vicia faba* L.) in Andhra Pradesh, India
Y. Likhitha, T.S.K.K. Kiran Patro, K. Usha Kumari, D.R. Salomi Suneetha and V. Sekhar 2387-2392
- Impact of different growing media and Plant Growth regulators on Caulogenesis of Dragon Fruit (*Selenicereus undatus* Haw. D.r. Hunt) Cuttings
Ravi Gupta and Rubees Lata 2393-2398
- Evaluating the influence of Seed Rate and Nitrogen Fertilization on Productivity of Late Sown Wheat (*Triticum aestivum* L.)
A. Suresh Kumar, Rajesh Kumar, Praveen Kumar Yadav, S.M.S. Ramya, Shashwat Patel and Banoth Srikanth 2399-2404
- Assessment of Operational challenges and Remedial Strategies among Agricultural Startups in Karnataka India
Thippesh A., Sahana S., Kiran Kumar, R. Patil., Ganesh Prasad T. S. and Champa B.V. 2405-2410
- Evaluation of Plant-derived Bio-additives on Morphological Traits, yield and Biological efficiency of *Pleurotus ostreatus* (Jacq.) P. Kumm.
Tsukjemnungla Jamir and Abhilasha A. Lal 2411-2418
- Analysis of Heterosis using Line × Tester in Green Gram (*Vigna radiata* L.)
Murakonda Sai Dinesh, Manisha Satyawan Mote, Kamilla Priyatham, Iram Bashir, Suman Paree, Mouli Paul, Mukesh Vishnoi, Dhamni Patyal, Ajaz A. Lone, Rajneesh Kumar and I.R. Delvadiya 2419-2426
- Crosstalk between Salicylic Acid and Gibberellic Acid to Modulate Plant Responses over Metal Stress: A Molecular approach
Naresh Kumar, Jagat Narayan Maurya and Sanjay Kumar Garg 2427-2436
- Optimization of *In Vitro* Seed Germination Protocol of *Arnebia Bentharii*: A Threatened Medicinal Herb of Himalaya
Sugandha Pant, Aabha Bahuguna and Preeti Chaturvedi 2437-2444
- Effect of potting media composition on seedling growth and morphological performance of Adenium (*Adenium obesum* Forssk. Roem. & Schult.)
Nirbhay M. Busa, D.D. Parekh, Urmil C. Choudhary and Krishn P. Donda 2445-2451
- Barriers faced by Paramparagath Krishi Vikas Yojana (PKVY) beneficiaries and their proposed suggestions
J.R. Shalini, G. Selvarani, R. Shanmugabhavatharani and K.P. Jegan 2452-2456
- Detection of Polymorphic Markers and Hybridity Confirmation for the Crosses Derived between Elite Cultivars and Wild Introgression Lines in Rice
P. Swetha, V. Venkanna, Divya Balakrishnan and Y. Hari 2457-2461
- Insect Frass: Nature's Hidden Treasure for Soil Fertility: A Review
Lingutla Geethanjali, Bollineni Sai Mohan and B. Teja Bhushan 2462-2468
- Effect of Some Organic and Inorganic Fertilizers on Growth of Cowpea under Jamuhar, Sasaram (Rohtas) Bihar Condition
Shikha Kumari, Sandeep K. Mauriya, Ritu Kumari and Kannu Kritika 2469-2472
- Towards Climate Resilient Rice: Stability analysis of Grain yield across Multi-environments in Chhattisgarh using the Eberhart and Russell model
Sharon Garima Daniel, Sunil Kumar Nair, Abhinav Sao and Nandini Agrawal 2473-2477
- Standardization of Ingredients for Development of kokum Rind Powder Chewable Tablets
E.S. Swathi, Y. Kantharaj, M.P. Ravishankar, C.S. Ravi, N. Shruti, A. Srinatha, H. Bindu and T.P. Bharath Kumar 2478-2484
- Studies on Epidemiology of Rust disease in Cultivated fig (*Ficus carica* L.) caused by *Cerotelium fici* (Cast) Arth.
A. Anusha, Y.S. Mahesh, M.P. Basvarajappa and R.K. Mesta 2485-2492
- Phytophthora palmivora*: A Facultative Pathogen of Coconut and Cocoa Cropping System –Ecological Dynamics in Tropics and Management Strategies-A Comprehensive Review
V. Govardhan Rao, M. Mutyalanaidu, V. Anoosha, A. Kireeti, S. Sumitha and B. Augustine Jerard 2493-2506
- Impact of Nano Urea and Nano Zinc on yield and yield attributing characters of Chilli (*Capsicum annum* L.)
K. Srilekha, A. Rajani, C. Venkata Ramana and U. Shiva Kumar 2507-2511
- Phenotypic profiling of *Barleria* genotypes based on floral Architecture
S Geethika, M. Raja Naik, M. Jayapradha and N. Vinod Kumar 2512-2516
- Effect of Pinching and Plant growth Retardants on Vegetative growth of Annual Chrysanthemum (*Glebionis coronaria* L.) under Central Telangana Conditions
Ramavath Mangulal, D. Laxminarayana, P. Prasanth, G. Jyothi and S. Praneeth Kumar 2517-2522

continued on next page XVII

- Influence of Potting Media Containing Industrial By-Products on Growth and Quality of *Dracaena fragrans* (L.) Ker Gawl cv. Massangeana **Gunti Divya, Zehra Salma, G. Jyothi and G. Sathish** 2523-2529
- Extreme Rainfall Distribution Patterns in Western Maharashtra India: A Multi-Station Analysis for Climate Resilient Agriculture **S.T. Yadav, S.V. Bagade, S.G. Mundhe, S.K. Upadhye and P.V. Shamraj** 2530-2536
- Enhancing Shelf-Life properties of Guava (*Psidium guajava* L.) through Chelated Zinc and Seaweed Extract **Ramawatar Choudhary, P.K. Gupta, Astha, Deepanshi Deora, Hemant Kumar Meena, Ganesh Ram and Sunil Khandoliya** 2537-2542
- The Impact of Gibberellic Acid and Different Decapitation Methods on Seed Quality of Broccoli **Luna Barooah, Deepa Borbora Phookan and Sailen Gogoi** 2543-2549
- Effect of Potting Mixture in Raising of air-layered Litchi (*Litchi chinensis* Sonn.) cv. Bedana **D. Sheela Jayasree, A. Harsha Vardhan, V. Siva Kumar and S. Narasimha Rao** 2550-2554
- Comparative Efficacy of Polyethylene Glycol for Drought Tolerance Assessment in Chilli Variety LCA 625 **V. Himaja Satya Lakshmi, R. Naga Lakshmi, B. Tanuja Priya, T. Sujatha and K. Umakrishna** 2555-2559
- Influence of Growth Regulators on Growth Parameters and Flowering in Kalmegh (*Andrographis paniculata* Wall. Ex. Nees.) var. CIM Megha" **D. Amala, M. Raj Kumar, A. Kiran Kumar, B. Naveen Kumar, P. Gouthami and G. Sathish** 2560-2566
- Effect of Biochar in Combination with Liquid Biofertilizers on Growth and Flowering of French Marigold (*Tagetes patula* L.) Var. CGFM-1 **V. Priyanka, K. Kaladhar Babu, G. Jyothi, D. Vijaya and K. Umeshsai** 2567-2570
- Molecular diversity analysis in Wheat (*Triticum durum* L.) genotypes using SSR Markers **D.A. Bute, S.S. Dodake, A.S. Totre and P.L. Kulwal** 2571-2575
- Evaluation of Coriander Germplasm for Early Vigor and Germination Characters **J. Lakshmi Chandana, C. Madhumathi, Syed Sadarunnisa, B. Tanuja Priya, M. Jayaprada and Y. Sireesha** 2576-2580
- Exploring Genetic Diversity and Heritability in Newly Bred Industrially Valued Elite Chilli (*Capsicum annum* L.) Genotypes **Kishorkumar G.K., P.S. Ajappalavara, Satish D., R.S. Jawadagi, Sandhyarani Nishani, Ravikumar B. and Vinaykumar M.M.** 2581-2586
- Response of Foliar application of Urea and Nano Urea on yield and Nutrient uptake of Wheat (*Triticum aestivum* L.) **Vivek V. Dadmal, Suraj N. Gund and Srikrishna B. Narale** 2587-2591
- Evaluation of Acid Lime (*Citrus aurantifolia* Swingle) varieties for growth, yield and quality parameters under Northern Dry Zone of Karnataka, India **Anand Nyamagoud, Siddanna Thoke, Kulapati Hipparagi, Sanaganabasava Golagi, Viresh Hiremath, Basavaraj Padashetti and S.N. Patil** 2592-2596
- Morphological and Biochemical performance of Progenies over the parents in Guava (*Psidium guajava*) **B. Gladis, M. Siva Prasad, B. Tanuja Priya, Syed Sadarunnisa, M. Jayaprada and K. Arunodhayam** 2597-2601
- Studies on Suitability of Burnt Rice Husk based Potting Medium for *Spathiphyllum* **Boddepalli Saritha, Lakshmi pathy Muniyappa, D.V.S. Raju, Sri Sai Mohan Alluri, A.V. D. Dorajee Rao, S. Madhavan and J. Poorna Bindu** 2602-2606
- Study on Morphological variability among Madhunashini (*Gymnema sylvestre*) Accessions in Andhra Pradesh India **B. Padma Aruna Bhargavi, D. Aparna, M. Kalpana and D. R. Salomi Suneetha** 2607-2610
- Influence of Weather Parameters on Floral Induction and Differentiation in Mango (*Mangifera indica* L.) Varieties **N.V.S. Supriya, M. Madhavi, P. Vinaya Kumar Reddy, A. Harshavardhan, P. Subbaramamma and K. Umakrishna** 2611-2614
- Seasonal Variation of Physico-chemical Properties of Dhasan River Water in District Chhatarpur, M.P., India **Vipendra Kumar Ahirwar and P. K. Khare** 2615-2623
- Assessment of Soil Fertility, Quality and Profitability of Cucumber Grown in Shade Net House with Vermicompost, Wool Waste and N.P.K. Fertilizer Application **Krishan Yadav, J.K. Tiwari, Sunita Sevda, Saurabh Gocher, Shourbh and Anita Karwal** 2624-2628
- Economics of Integrated Nutrient Management on Wheat (*Triticum aestivum* L.) Cultivation **Siddharth, Gaurav Aggarwal and Rakesh Kumar** 2629-2634
- Evaluation of Mango (*Mangifera indica* L.) Varieties for biochemical parameters **N.V.S. Supriya, M. Madhavi, P. Vinaya Kumar Reddy, A. Harshavardhan, P. Subbaramamma and K. Umakrishna** 2635-2638
- Biology and Developmental Studies of the Pea Blue Butterfly (*Lampides boeticus* L.) on Cowpea **Nivedita Choori and S. B. Jagginavar** 2639-2644
- Genetic Diversity Studies for Seed Cotton Yield and Fiber Quality Parameters in Diverse Cotton Genotypes **Cheerla Pavan, Rani Chapara, M. Sudha Rani, G.A. Diana Grace, M. James and Priyadharshini** 2645-2651
- Influence of Split and Foliar Application of Nitrogen and Potassium on Growth, Yield and Uptake of Rainfed Maize in Entisols **K.K. Bade, P.N. Gajbhiye, S.R. Karad, S.D. Bhingardev and V.R. Gaikwad** 2652-2656

- Assessment of Stability of Promising Sugarcane Genotypes across Multiple Locations by AMMI Stability Parameters and GGE Biplot Models for Both Quantitative and Qualitative Traits **A.B. Gawhane, J.M. Repale, K.V. Shushir, T.L. Pathy and A.D. Kadlag** 2657-2667
- Genetic Evaluation and Morphological Profiling of Novel Cytoplasmic Lines in Bread Wheat
Angha Bopche, Niharika Shukla, Archana Rani and Kanchan Bhan 2668-2672
- Management of Collar Rot of Chickpea using different Solvent-based Plant Extracts
Hitesh, R.K.S. Tiwari, V.K. Nirmalkar and Sonal Kumar 2673-2680
- Standardization of Vase Chemicals for Longevity and Quality of Multiple Cut Flowers
B.M. Amrutha Varshini, N. Kiran Kumar, Y. Kantharaj, P. Hemanth Kumar, M. Ganapathi, H. Bindu and D.P. Sahana 2681-2688
- Assessment of genetic diversity among chickpea (*Cicer arietinum* L.) genotypes
Hemchand Kumar, Manoj Kumar, Ashutosh Kumar, Priyanka Kumari, Brajesh Kumar, Sanjay Kumar and Dharamsheela Thakur 2689-2693
- Varietal Screening of Coriander for Their Susceptibility to Cigarette Beetle, *Lasioderma serricorne*
V.T. Akshaya, Jalpa J. Dand and A.H. Barad 2694-2700
- Impact of Organic Manure, Biofertilizer and NPK on Growth and Yield of Brinjal (*Solanum melongena* L.)
Vinita Rathore, Shriya Rai, Chandra Kant Sharma and Shaily Bisen 2701-2708
- Multi Season Stability analysis of Groundnut Genotypes based on Eberhart and Russell's regression model
Nandini Agrawal, Shrikant Laxmikantrao Sawargaonkar, Nandan Mehta, Ajit Kumar Singh Sharon, Garima Daniel, Joshline Ekka and Dharavath Nagaraju 2709-2713
- Evaluation of effectiveness of integrated Nutrient management on plant growth, Quality and Quantity of Summer Black Gram (*Vigna mungo* L. Hepper) **Aman Kumar, Veerendra Kumar, Vivek Pandey, Sant Sharan Tripathi and Rahul Kumar Sharma** 2714-2717
- Variability in Growth and Biomass of *Robinia pseudoacacia* L.: Implications for Breeding
Sabeena Nabi, Nusrat Fayaz, P.A. Khan and Shabir Ahmad Rather 2718-2724
- Yield and Economics of Niger (*Guizotia abyssinica* L.f. Cass) as Influenced by Different Spacings and Varieties
M.V. Bhisad, B.N. Aglave, R.D. Yewale, D.J. Patil and R.R. Abhale 2725-2728
- Assessment of Physical and Chemical Parameters of Jackfruit Seed Flour Based Gulab Jamun Mix
D.P. Sahana, Y. Kantharaj, Jyoti M. Rathod, H.S. Chaitanya, Lakshmana⁴, H. Bindu and B.M. Amrutha Varshini 2729-2735
- Effects of Cytokinins on Axillary Shoot Tip Culture of *Aglaonema* 'Hungary Pink' During Micropropagation
S. Stalin Babu, Ram Pal, A.V.D. Dorajee Rao, S. Madhavan, M. Lakshmi pathy and T. Sirisha 2736-2742
- Ethnomedicinal and Pharmacological Uses of *Rheum australe* D. Don: A Comprehensive Review
Mohar Singh, Mohit, Jagriti Rana, Jyoti Rana, Shailja Chauhan and Anand Sagar 2743-2750
- Stem Bleeding in Coconut: Unraveling Pathophysiology, Molecular Dialogues, and Smart Management Frontiers – A Global Perspective
V. Govardhan Rao, M. Mutyala Naidu, A. Kireeti, V. Anoosha, B. Neeraja, S. Sumitha and B. Augustine Jerard 2751-2763
- Standardization of Different Drying Techniques in Limonium (*Limonium sinuatum*)
S.J. Vinaykumar, P. Vijayalaxmi, G.K. Seetharamu, K.R. Vasudev and D.S. Ambika 2764-2770
- Effect of foliar Application of Nano Urea plus on growth and yield of Onion (*Allium cepa* L.) under Telangana conditions
T. Haripriya, A.V.N. Lavanya, R. Preetham Goud and Veena Joshi 2771-2776
- Effect of Gamma irradiation on Post-harvest Parameters in different Cultivars of Gladiolus
Ramdeen Kumar, Anil K. Singh and Anjana Sisodia 2777-2791
- Genetic Variability, Heritability and Correlation analysis for Phenological, Yield and Yield associated traits in Finger Millet [*Eleusine coracana* (L.) Gaertn.]
Hima Kumar Anakali, Premakumar, B.V. Vara Prasad, D. Saida Naik, V. Prashantha, Madhu Saatu and C.V. Sameer Kumar 2792-2798
- Genetic Variability, Heritability and Genetic Advance for Yield-Related Traits in Mungbean (*Vigna radiata* L. Wilczek) under Indian Agroclimatic Conditions
Premakumar, Rohith Sarkar, Huchchappa Jamakhandi, Bidwan Rath, Jenia Roy, K.N. Pallavi, Prachi Sripathrao Yadav, T.R. Das and Muraleedhar Aski 2799-2804
- Effect of Packaging and Storage on Quality attributes of Cashew Apple Blended Fruit Juice RTS Beverage
R. Kamalraj, K. Umamaheswara Rao, B. Prasanna Kumar and K. Aruna Kumari 2805-2815
- Effect of Enriched biochar with Biofertilizers on Growth and Yield of Turmeric (*Curcuma longa* L.)
S. Amulya, J. Cheena, K. Venkatlaxmi, D. Vijaya, G. Sathish and P. Srinivas 2816-2820

- Bio efficacy of Entomopathogenic fungi, *Beauveria bassiana* formulations against Coffee Berry Borer (*Hypothenemus hampei*)
Birakati Swarnalata, M. Muthyal Naidu, 2821-2826
- D.V. Swamy, B. Neeraja, V. Anoosha, V. Govardhan, CH. Bindu, P. Ashok, A. Kireeti, M. Sangamithra and C. Madhumathi** 2821-2826
- Phytochemical Profiling and Antimicrobial Efficacy of Aqueous and Methanolic Extracts of *Stevia rebaudiana* Leaves
Parul Saini, Anil Pandey and Rishabh Chitranshi 2827-2832
- Flowering behaviour and Yield Parameters of Off-Season Mango (*Mangifera indica* L.) Varieties under Central Telangana Conditions
A. Sushma, V. Suchitra, P. Harikanth and G. Sathish 2833-2838
- Response of Physiological and Biochemical Traits in Crossandra Var. Arka Chenna by Microbial Inoculants and their Method of Inoculation
U. Sai Prakash, M. Raja Naik, K. Swarajyalakshmi, R. Lakshmi pathy, M. Balakrishna and K. Arunodhayam 2839-2846
- Influence of Varied Integrated Nutrient Management Strategies on the Yield and Economics of Sesame (*Sesamum indicum* L.)
K. Kaviya, K. Suseendran, G. Murugan and S. Jawahar 2847-2852
- Impact of Seed Oriming and Organic Spray on the Growth of *Khirni* (*Manilkara hexandra roxb.*)
Rajeshvaridevi R. Jasani, S.J. Patil, M.A. Patel, B.M. Tandel and Vijay Gohil 2853-2860
- Effect of Gibberellic Acid (GA₃) Spraying and Dipping on quality of Grape (*Vitis vinifera* L.) in Telangana India
Anveshana Thadicherla, T. Suresh Kumar, A. Bhagwan, K. Prabhavathi and K. Venkata Ramesh 2861-2866
- Wrightia tinctoria* (Roxb) R.Br.: A potential Dye yielding Plant
Rupanagudi Beena Fareq, K.J. Sannapamma, Sadhana D. Kulloli, Yashaswini Sharma, M. Hanumantha and Y. Ravi 2867-2870
- Effect of Different Pruning Times on Fruit Quality of Mango (*Mangifera indica* L.) Commercial Cultivars
M. Raghavendar, G. Vijaya Krishna, P. Prasanth and Sanganamoni Mallesh 2871-2876
- Effect of Diverse Crop Production Systems on the Growth Performance of Soybean-Based Cropping Systems
Krishna, R.M. Savu, Vinay Samadhiya, P.K. Salam, R.K. Mahobia and Saomya Dubey 2877-2891
- Effect of Nutripriming with Zinc and Boron on Growth and Yield of Lentil with Irrigation Regimes in the Lateritic Belt of the of Sub-Humid Tropical Region
Kalipada Pramanik, Sananda Mondal, Spurti Mondal and Debasish Panda 2892-2906
- Intercropping Indices and Land Use Efficiency in Pigeonpea-Based Cropping Systems in Eastern Dry Zone of Karnataka, India
A.R. Devika, H.M. Atheek Ur Rehman, Laxman Navi and S. Likitha Reddy 2907-2912
- Integrated Nutrient Management: A Sustainable Approach to Improve Growth and Quality of Pomegranate (*Punica granatum* L.)
Vinay V. Turudagi, Anand G. Nanjappanavar, S.N. Patil, I.B. Biradar and D.L. Rudresh 2913-2918
- Impact of Plant Growth Promoting Root Endophytes on Flowering Attributes of Crossandra (*Crossandra infundibuliformis* L.)
U. Sai Prakash, M. Raja Naik, K. Swarajyalakshmi, R. Lakshmi pathy, M. Balakrishna and K. Arunodayam 2919-2925
- Comprehensive Evaluation of Soil Macro-nutrient Status: A Case Study from Vegetable Growing areas of Sirmour District of Himachal Pradesh, India
Aanchal, Anil Kumar, Swapana Sepehya, Saurabh Thakur and Arushi Mandial 2926-2934
- Qualitative Analysis of Blended Floral Tea during storage
M.V.V. Chaitanya, P. Lalitha Kameswari, A.V.D. Dorajee Rao, V. Sudhavani and K. Umakrishna 2935-2946
- Impact of Soaking Time on the Water Absorption behaviour of Soybean Grains at Different (40°C, 50°C and 60°C) Temperature
S.D. Bhosale, K.J. Kamble and V.P. Kad 2947-2957