

# PLANT ARCHIVES

Volume 25	Supplement 1	January – 2025
-----------	--------------	----------------

S. No.	TITLE	AUTHOR	PAGE NO.	
1	MORINGA OLEIFERA: A NUTRITION RICH VEGETABLE	Gokulapriya T.M.C. Divyabharathi, Gadha Sreekumar and Sundarrajan R.V.	1	5
2	INSIGHTS INTO CHRYSANTHEMUM WHITE RUST: LIFE CYCLE, DISEASE INCIDENCE, SEVERITY, SYMPTOMS, DISPERSAL, SURVIVAL AND HOST-PATHOGEN INTERACTIONS	Neelam Thakur	6	11
3	DRUMSTICK BASED AGROFORESTRY SYSTEMS: A REVIEW	Anand Salve	12	17
4	EMERGING TRENDS IN LITTLE MILLET BREEDING: FROM TRADITIONAL METHODS TO GENOMIC APPROACHES	T. Venkata Ratnam, L. Madhavi Latha and D. Manoj Kumar	18	25
5	ADVANCEMENTS IN VEGETABLE BREEDING TECHNIQUES FOR QUALITY ENHANCEMENT	Ajeet Kumar, S.P. Kanaujia, Rajat Rajput, Raj Kumar Abdul Rahman M, Ravi Shankar, Rishabh Kumar Singh and Sentirenja Jamir	26	35
6	PHARMACOLOGICAL AND TRADITIONAL PERSPECTIVES ON LAWSONIA INERMIS: A HOLISTIC APPROACH TO ITS MULTIPURPOSE USES – A REVIEW	Aryaputri Bedaprabha, Arpita Moharana and Durga Prasad Barik	36	51
7	EFFECT OF IBA ON ROOTED CUTTINGS OF IXORA AND ALLAMANDA	R. Jayavalli, G. Govindan, S. Rathika, I. Geethalakshmi and Punitha A.	52	57
8	STUDIES ON SEED QUALITY PARAMETERS IN HARVESTED SEED OF COLD PLASMA TREATED RICE (ORYZA SATIVA L.) GROWN DURING RABI SEASON	P. Sai Ram, Y. Bharathi, P. Jaganmohan Rao, M. Madhavi and K. Lakshmiprasanna	58	64
9	INFLUENCE OF TESTA AND COTYLEDONS IN INDUCTION OF FRESH SEED DORMANCY IN GROUNDNUT (ARACHIS HYPOGAEA L.)	Gandla Abhithanajali, Mandalapu Pallavi, Vadala Ram Reddy and Patta Sujatha	65	68
10	CHANGES IN PHYSICO-CHEMICAL AND COOKING QUALITY PROPERTIES OF GERMINATED BROWN RICE AND PIGMENTED RICE	Naseerunnisa Mohmmmed, Aparna Kuna, T. Supraja, N. N. Misra, Lakshmi Prasanna K. and D. Srinivasa Chary	69	76
11	YIELD AND ECONOMICS OF FOXTAIL MILLET (SETARIA ITALICA L.) AS INFLUENCED BY DIFFERENT FERTILIZER LEVELS AND ROW SPACINGS	K. Jhansi, P. N. Karanjikar, B. Soumya and Sneha S.B.	77	82
12	YIELD AND ECONOMICS OF KODO MILLET (PASPALUM SCROBICULATUM L.) AS INFLUENCED BY ROW SPACINGS AND FERTILIZER LEVELS	Sneha S. B., Karanjikar P. N., Suryavanshi, V. P., Jhansi K. and Barad S. D.	83	88
13	IMPACT OF DELIGNIFICATION ON TENACITY AND LIGNIN CONTENT OF GREWIA OPTIVA FIBRES	Kalplata Pant, Sakshi, Manisha Gahlot, Sanjoy Debnath, Anita Rani, and R.K. Srivastava	89	95
14	FERTILIZATION AND HUMIC ACID APPLICATION ON GROWTH DYNAMICS AND MORPHOLOGICAL TRAITS OF DAHLIA (DAHLIA VARIABILIS L.)	Kedar Mahadev Gheware, Nomita Laishram, Arvinder Singh, Sarabdeep Kour, Gurdev Chand, Ravinder Singh, R. K. Pandey, Ashutosh Sharma, Alok Patel and Saurav Sharma	96	99
15	GENERATION MEAN ANALYSIS FOR YIELD AND ITS ATTRIBUTING TRAITS IN RICE (ORYZA SATIVA L.)	Harshita R. Patel, P. M. Mistry, P. B. Patel, G. M. Patel, Hardik R. Patel, Ashita Patel, M. R. Prajapati, D. P. Patel, Purnima Ray and Dixit Goswami	100	106
16	DEVELOPMENT AND EVALUATION OF F <sub>5</sub> BREEDING LINES FOR YIELD AND YIELD ATTRIBUTES IN RICE (ORYZA SATIVA L.)	D.P. Patel, V.P. Patel, V.B. Patel, R.K. Patel, K.G. Modha, Alok Shrivastava, M.R. Prajapati, Naresh Chaudhary, V.B. Rana, Saryu Trivedi, Ashita Patel and Harshita Patel	107	117
17	ASSESSING HEAT TOLERANCE IN WHEAT GENOTYPES: UTILIZING AGRO-PHYSIOLOGICAL AND QUALITY INDICES WITH MULTIVARIATE ANALYSES	Chirag P. Chandramaniya, Bhushan Kale, Himani P. Vadodariya, Dhairya V. Makwana and Sampurna Bhattacharya	118	127
18	GENETIC ARCHITECTURE FOR HEAT TOLERANCE IN BREAD WHEAT (TRITICUM AESTIVUM L.)	Chirag P. Chandramaniya, Bhushan Kale, Sampurna Bhattacharya, Divya S. Patel and Dhairya V. Makwana	128	135
19	EXPLORING GENETIC VARIABILITY FOR ROOT YIELD AND ITS COMPONENT TRAITS IN ASHWAGANDHA (WITHANIA SOMNIFERA L. DUNAL)	Babulal Dhaka, Amit Dadheech, Manohar Ram, Raju Ram Choudhary, Mukesh Kumar Poonia and Sarita Choudhary	136	143

S. No.	TITLE	AUTHOR	PAGE NO.	
20	PERFORMANCE OF DIFFERENT GENOTYPES OF ROSY ADENIUM ( <i>ADENIUM OBESUM</i> ) UNDER PRAYAGRAJ AGRO-CLIMATIC CONDITIONS	Dream Yadav and Urfi Fatmi	144	147
21	ASSESSMENT OF CORRELATION AND PATH COEFFICIENT FOR GRAIN YIELD, ITS ATTRIBUTES AND NITROGEN USE EFFICIENCY IN BREAD WHEAT ( <i>TRITICUM AESTIVUM</i> L.) UNDER LOW AND HIGH NITROGEN CONDITIONS	Ravi D. Patel, J. M. Patel and K. N. Prajapati	148	155
22	EVALUATION OF DRONE-APPLIED POST-EMERGENCE HERBICIDES ON WEED MANAGEMENT AND GRAIN YIELD IN TRANSPLANTED RICE ( <i>ORYZA SATIVA</i> L.)	Lakavath Naveen, P. Spandana Bhatt, K. Bhanu Rekha and T. Ramprakash	156	166
23	EVALUATION OF PIGEON PEA INTERSPECIFIC DERIVATIVES FOR RESISTANCE TO SPOTTED POD BORER, <i>MARUCA VITRATA</i> (FABRICIUS)	Nilesh Chauhan, Inderjit Singh, Gaurav Kumar Taggar and Suruchi Vij	167	175
24	<i>IN VITRO</i> SUSCEPTIBILITY OF <i>CAPSICUM ANNUUM</i> L. CULTIVARS TO SUCKING PESTS	Subashi Baruah, Mahesh Pathak, Kennedy Ningthoujam, T. Rajesh, R.K. Patidar and Jyotim Gogoi	176	179
25	CHARACTER ASSOCIATION AND PATH ANALYSIS OF GRAIN YIELD AND ITS CONTRIBUTING CHARACTERISTICS IN DIVERSE WHEAT VARIETIES ( <i>TRITICUM AESTIVUM</i> L.)	D.V. Makwana, P.K. Jagtap, M.R. Parmar, C.P. Chandramaniya and H.P. Vadodariya	180	185
26	EVALUATION OF ANTIMICROBIAL POTENTIAL OF WILD MARIGOLD ( <i>TAGETES MINUTA</i> ) ESSENTIAL OIL ON <i>SALMONELLA</i> AND <i>E. COLI</i>	Kumar Mritunjay Aman, Kumari Astha Rupali and Dream Yadav	186	189
27	REVOLUTIONIZING MUSKMELON PRESERVATION: THE ROLE OF INNOVATIVE PRETREATMENTS IN ENHANCING SHELF LIFE AND QUALITY	Ranjitha J., Ranjitha K., Bhuvaneshwari G., S.N. Patil, S.G. Gollagi, Mahesh Y.S., Sudhakar Rao D. V. and Mahadev Kivati.	190	195
28	STUDIES ON HETEROSIS FOR FRUIT YIELD AND ITS COMPONENT TRAITS OVER DIFFERENT ENVIRONMENTAL CONDITION IN BRINJAL ( <i>SOLANUM MELONGENA</i> L.)	Hardik R. Patel, Akshay I. Patel, Harshita R. Patel and Rukhsar C. Bamji	196	205
29	COMBINING ABILITY AND GENE ACTION STUDIES FOR YIELD AND ITS ATTRIBUTING TRAITS OVER DIFFERENT ENVIRONMENTS IN TOMATO ( <i>SOLANUM LYCOPERSICUM</i> L.)	G.M. Patel, A.I. Patel, C.G. Intwala, Harshita R. Patel, Ashita Patel and M.R. Prajapati	206	215
30	EFFECTS OF PLANT GROWTH REGULATORS AND MICRONUTRIENTS ON QUALITY PARAMETERS OF SOYBEAN ( <i>GLYCINE MAX</i> L. MERRILL)	R.V. Chavan, R.V. Zanzad, V.V. Gawande, P.P. Gawande and T.H. Rathod	216	222
31	COMPARATIVE ASSESSMENT OF HYDROPONIC AND GEOPONIC CULTIVATION SYSTEMS FOR SUSTAINABLE SPINACH, LETTUCE AND TOMATO CULTIVATION	Archana R. Pandey and Nutendra	223	230
32	IMPACT OF SOWING TIME AND FOLIAR SPRAY OF OSMOPROTECTANTS ON GROWTH, YIELD ATTRIBUTES AND YIELD OF WHEAT ( <i>TRITICUM AESTIVUM</i> L.) AGAINST HEAT STRESS	S.H. Lakhani, P.D. Kumawat, R.M. Muchhadiya and S.K. Chhodavadia	231	237
33	STANDARDIZATION OF NPK FOR LUPINE ( <i>LUPINUS PERENNIS</i> L.) CUT FLOWER PRODUCTION UNDER THE HILL ZONE OF KARNATAKA INDIA	Pooja Murthy S., B. Hemla Naik, Chandrashekar S.Y., Thippeshappa G. N. and Kantharaj Y.	238	243
34	IMPACT OF INDOLE BUTYRIC ACID AND GROWING MEDIA ON GROWTH PARAMETERS OF DRAGON FRUIT [ <i>HYLOCEREUS UNDATUS</i> L.] CUTTINGS	Dollshree Dengri, L.N. Bairwa, S.K. Bairwa, Garima Sen and Pooja Kumari	244	248
35	IMPACT OF DIFFERENT WEED MANAGEMENT STRATEGIES ON WEED DENSITY, WEED BIOMASS, WEED CONTROL EFFICIENCY, GROWTH AND YIELD OF TARO ( <i>COLOCASIA ESCULENTA</i> VAR. ANTIQUORUM)	Imamsaheb S. J., Shreedhar D. and Laxman Kukanoor	249	255
36	YIELD ESTIMATION OF PADDY CROP BASED ON SOIL ORGANIC CARBON LEVELS IN COMMAND AREA OF HANJIHALLI VILLAGE TANK USING REMOTE SENSING (RS) AND GIS	Vinay Kumar M., Jayadeva H. M., Kamala Bai S., Akshay Kumar Kurdekar,	256	260
37	GROWTH, COMPETITIVENESS AND SPECIALIZATION IN TRADE OF MAJOR WOOD PRODUCTS IN INDIA	D.J. Chaudhari, A.K. Leua and A.P. Chaudhary	261	268
38	AREA VISUALIZATION OF SOME KHARIF CROPS DIVERSIFICATION IN CHHATTISGARH STATE OF INDIA	Sandeep Kumar, Vishal Mehta, Anil Kumar, Anshika Singh and Hemant Kumar	269	281
39	EFFECT OF DIFFERENT APPLICATION METHODS OF VARIOUS ORGANIC MANURES ON PLANT POPULATION AND GROWTH ATTRIBUTES OF RABI SWEETCORN	Sai Kumar Banoth, Sudhanshu S. Kasbe, A. V. Ramanjaneyulu and A. Madhavi	282	287

S. No.	TITLE	AUTHOR	PAGE NO.	
40	EFFECT OF DIFFERENT GROWING MEDIA ON ROOT GROWTH OF DRAGON FRUIT CUTTINGS [ <i>HYLOCEREUS UNDATUS</i> L. (HAWORTH) BRITTON & ROSE]	Anup Baitha, R. S. Verma, Mahandra Kumar Dhanka, Shikha Choudhary, Saurabh Verma and Bipin Kumar	288	292
41	EFFECT OF BIO-FERTILIZERS ON ROOT GROWTH OF DRAGON FRUIT CUTTINGS [ <i>HYLOCEREUS UNDATUS</i> L. (HAWORTH) BRITTON & ROSE]	Mahandra Kumar Dhanka, R. S. Verma, Anup Baitha, Shikha Choudhary, Saurabh Verma and Bipin Kumar	293	297
42	IMPACT OF VARIED GROWING SUBSTRATES ON SHOOT DEVELOPMENT IN DRAGON FRUIT ( <i>HYLOCEREUS UNDATUS</i> ) CUTTINGS	Shivangi Mishra, R.S. Verma, S.S. Verma, Ravikant and Aditya Kumar Maurya	298	301
43	EFFECTS OF INTEGRATED NUTRIENT MANAGEMENT ON YIELD ATTRIBUTES PARAMETERS OF KALA NAMAK RICE IN NORTHERN INDIA	Veerendra Singh, Ravindra Kumar, Mahendru Kumar Gautam, Abhishek Singh Yadav, Kapil Kumar Yadav, Krishna kumar Singh, Dheerendra Kumar, Sumit Kumar, Deepak Kumar, Yogesh Kumar and Sanjay Yadav	302	307
44	IMPLICATIONS OF DIFFERENT COMBINATIONS OF INORGANIC, ORGANIC, AND BIOFERTILIZERS ON GROWTH OF DAHLIA ( <i>DAHLIA VARIABILIS</i> L.) CV. ZAIL SINGH	Krishna Kaushik <sup>†</sup> , Mukesh Kumar <sup>†</sup> , Manoj Kumar Singh, Shishu Pal Singh, Sunil Malik, Bhim Singh, Kedar Mahadev Gheware <sup>†</sup> , Rohan Tomar and Abhishek Chandra	308	319
45	STRUCTURAL ALTERATION IN STANDING VEGETATION, SEED BANK AND SOIL FERTILITY IN THE VICINITY OF BRICK KILN INDUSTRY IN THE DRY TROPICAL NATIONAL CAPITAL REGION OF DELHI, INDIA	Chandan Yadav <sup>†</sup> , Varsha and Rup Narayan	320	331
46	REACTION OF BER CULTIVARS/GERMPLASM AGAINST <i>OIDIUM ERYSIPOIDES</i> F. SP. <i>ZIZIPHIA</i> CAUSING POWDERY MILDEW DISEASE UNDER ORCHARD CONDITION	Sushila Yadav, R.P. Ghasolia, Astha Sharma, Pooja Yadav, Pinki Sharma, Brijesh, Kavita Kansotia, Kiran Kumawat and Hemant Gurjar	332	335
47	EVALUATION OF NUTRIENT INPUTS ON SOIL FERTILITY STATUS AND GRAPE YIELD OF VINEYARDS IN RED SOILS (ALFISOLS) OF KOPPAL DISTRICT KARNATAKA INDIA	Yogeeshappa H., Rajeshwari Nidagundi, Krishna Kurubetta, K. Vishwasagar, C. G. Yadava and Harshavardhan M.	336	340
48	CHARACTERIZATION OF THREE AQUATIC ANGIOSPERMS FOR PHYTOCHEMICALS AND ANTIMICROBIAL ASSAY IN INDIA	Jyoti Pandey, Virendra Kumar and Sunil Verma	341	348
49	EFFECT OF GROWING CONDITIONS AND BIO INOCULANTS ON ALKALINE PHOSPHATASE ACTIVITY IN RHIZOSPHERIC SOIL OF ASIATIC LILY	Neha, Arvind Malik, Rakesh Sehrawat, Rajinder Kumar, Divya and Raveena	349	353
50	EXOGENOUS APPLICATION OF IBA AND NAA IMPROVED ROOTING AND SURVIVAL OF HARDWOOD CUTTINGS OF FIG ( <i>FICUS CARICA</i> L.) CV. DINKAR	Ajay Kumar, Nidhika Thakur, A.K. Srivastava, A.D. Ingole, Imamuddin Shah and Pradeep Kumar	354	359
51	ASSESSMENT OF THE APPLICABILITY OF TRADITIONAL MEDICINAL PLANTS AGAINST THE EFFECTS OF COVID-19 INFECTION	Keshav Shukla, Adarsh Pandey, Deepti Shukla, Suniti Kumar Kuriyal, Bharti Chauhan, Shubhra Shukla, Mumtaz Husain and Akanksha Gupta	360	364
52	LIQUID BIOFUEL FROM MICROALGAE : A REVIEW	Deepti Gupta, Gauri, Doli, Kuntal Sarma <sup>†</sup> , Harshdeep Sharma <sup>†</sup> , Disha Malik, Poorvi Sharma, Shipra Bhardwaj, Vandita Goswami and Rama Kant	365	376
53	SEED DEVELOPMENT AND INDUCTION OF GERMINATION OR DORMANCY, AND STORAGE POTENTIAL IN PROSO MILLET	Rakesh Yadav, J.S. Chauhan and P.C. Nautiyal	377	385
54	EVALUATION OF MAJOR MORPHOLOGICAL VARIABILITY FOR QUALITATIVE TRAITS IN FINGER MILLET ( <i>ELEUSINE CORACANA</i> L. GAERTN) ACCESSIONS	Karishma, Surekha Netam, Bharti Singh and Yadunandan Verma	386	391
55	PHENOTYPIC CHARACTERIZATION OF VEGETABLE SOYBEAN (( <i>GLYCINE MAX</i> (L.)) GERMPLASM ACCESSIONS	Mugali Pundalik Kalpana, Chindi Basavaraj Siddu, J. Meenakshi, Channabasava, T. Onkarappa, H. H. Sowmya, J. Gonal Basanagouda and Banakara Santhoshkumari	392	400
56	GRAIN YIELD POTENTIAL AND STABILITY OF MUNGBEAN [ <i>VIGNA RADIATA</i> (L.) WILCZEK] ADVANCED BREEDING LINES	J.H. Pramodgowda, Chindi Basavaraj Siddu, Mugali Pundalik Kalpana, Gonal Basanagouda, Channabasava, Basalapura Rangegowda Chandana and Sampangi Ramesh	401	414
57	STUDY ON GENETIC DIVERSITY IN FORAGE PEARL MILLET ( <i>PENNISETUM GLAUCUM</i> (L.) R. BR.) GENOTYPES UNDER NORTH GUJARAT CONDITION	Ritu Sharma, Y.A. Viradiya, Rajdeep Jajoriya, Disha R. Patel, Rajeshri G. Vekariya and P.J. Patel	415	423

S. No.	TITLE	AUTHOR	PAGE NO.	
58	TRANSGRESSIVE SEGREGANTS IN BARLEY ( <i>HORDEUM VULGARE</i> L.)	Krishnavatar Gocher, Ram Kunwar, Ashok Singh Kharbas, Alka Jaiswal, and Komal Choudhary	424	437
59	THE IMPACT OF AN ORGANIC SOURCE OF NUTRIENTS ON GUAVA QUALITY	Harish Kumar, Sunita, Tejvir Singh and Jogendra Singh	438	449
60	IDENTIFICATION AND PHENOTYPIC CHARACTERIZATION OF DIFFERENT ISOLATES OF <i>STREPTOMYCES SCABIES</i> [(THAXTER) WAKSMAN & HENRICI] FROM VARIOUS DISTRICT OF UTTAR PRADESH INDIA	Shivam Kuma, S. K. Biswas, Ravi Kumar, Sucharita Mohapatra, Kishan Lal, Sandeep Kumar, Shenaz S. Ahmed, Girijesh Kumar Jaisval, Prabha Siddharth, Dipake Shital and Saurabh Saini	450	461
61	EFFECTS OF COLD PLASMA TREATMENT ON COLOR PIGMENTS AND BIOACTIVE COMPONENTS OF RED CHILLIES	Debjani Das, Aparna Kuna, T. Supraja, N. N. Misra, G. Sridevi and D. Srinivasa Chary	462	468
62	FRONTLINE DEMONSTRATIONS: EMPOWERING MAIZE FARMERS WITH INTEGRATED PEST MANAGEMENT FOR COMBATING FALL ARMYWORM	Kalavathi K. K., Jayashree Pattar and Geeta Tamagale	469	473
63	EFFICACY OF DIFFERENT SYNTHETIC NANOPARTICLES AGAINST COMMON SCAB OF POTATO CAUSED BY <i>STREPTOMYCES SCABIES</i> [(THAXTER) WAKSMAN & HENRICI]	Shivam Kuma, S. K. Biswas, Ravi Kumar, Sucharita Mohapatra, Kishan Lal, Anju Shukla, Sandeep Kumar, Shenaz S. Ahmed, Puskar Shukla, H.R. Raghuvanshi, and Tanya Rathore	474	479
64	NUTRIENT REMOVAL BY CROP AND WEEDS AS INFLUENCED BY NON-CHEMICAL METHODS OF WEED MANAGEMENT IN KODO MILLET ( <i>PASPALUM SCROBICULATUM</i> L.)	Gurubasavaswamy B. M., Geetha K. N., Vinay Kumar M., Akshay Kumar Kurdekar, Hemanth D. B., Devika A. R., Zainuddin Khan P. and Asha Kiran K.	480	484
65	BIO-EFFICACY OF INSECTICIDES AGAINST MUSTARD SAWFLY ( <i>A. PROXIMA</i> (KLUG)) IN RADISH	Manvi Aggarwal and Shailesh D. Patel	485	489
66	CORRELATION AND PATH ANALYSIS FOR YIELD AND ITS ATTRIBUTING TRAITS IN PIGEONPEA [ <i>CAJANUS CAJAN</i> (L.) MILL SP.]	Rupali Gupta and Mayuri Sahu	490	494
67	LEAF BASED PLANT IDENTIFICATION USING TRADITIONAL AND AUTOMATED METHODS: A REVIEW	Vidya Arora, D.S. Rawat, Nidhan Singh, Shri Prakash Dwivedi and Preeti Chaturvedi	495	509
68	ADVANCES IN PHYLOGENETICS: HARNESSING EVOLUTIONARY INSIGHTS FOR CROP IMPROVEMENT	Dhanalakshmi T. N. Yash Praveen Khot and Shashidhara N.	510	522
69	ANALYSIS OF VARIABILITY PARAMETERS IN RESTORER LINES OF PEARL MILLET [ <i>PENNISETUM GLAUCUM</i> (L.) R.BR.]	Alka Jaiswal, B.L Kumhar, Ashok Singh Kharbas, Komal Choudhary, Krishnavatar Gocher, Pravat Kumar Nayak and Thodusu Venu Yadav	523	527
70	EXPLORING TRANSGRESSIVE SEGREGATION FOR YIELD AND COMPONENT TRAITS IN EARLY GENERATIONS OF MUNGBEAN ( <i>VIGNA RADIATA</i> L. WILCZEK)	Komal Choudhary, Deepak Gupta, Ram Kunwar, S.S. Punia, Alka Jaiswal, Pravat Kumar Nayak, Sukhjit Singh and Sanju Choudhary	528	535
71	EVALUATION OF DIFFERENT BOTANICAL POWDERS AGAINST RICE MOTH, <i>CORCYRA CEPHALONICA</i> IN STORED GROUNDNUT KERNELS	Gita Jadav, Sushma Deb, G.K. Rudani, C.S. Barad and B.C. Patel	536	540
72	CHARACTER ASSOCIATION AND PATH ANALYSIS STUDIES FOR YIELD AND YIELD ATTRIBUTES IN INDUSTRIALLY VALUED ELITE DRY CHILLI ( <i>CAPSICUM ANNUUM</i> L.) GENOTYPES	Kishorkumar G. K., P. S. Ajjappalavara, Satish D., Jawadagi R. S., Sandhyarani Nishani, H. B. Patil, Ravikumar B. and Vinaykumar M. M.	541	545
73	STUDY ON DEVELOPMENT OF IDM MODULE FOR THE MANAGEMENT OF FUSARIUM WILT IN CHICKPEA CAUSED BY <i>FUSARIUM OXYSPORUM</i> F.SP. <i>CICERI</i> UNDER CLIMATE CHANGE IN CENTRAL PLANE ZONE OF UTTAR PRADESH INDIA	Puskar Shukla, S. K. Biswas, Akhilesh Mishra, Mukul Kumar, and Utkarsh Upadhyay	546	550
74	EFFECT OF DIFFERENT PLANTING TECHNIQUES ON SALINITY SUSCEPTIBLE ORNAMENTAL TREE SPECIES IN THE SEMI-ARID REGION OF BATHINDA, PUNJAB, INDIA	Kamal Kishor Nagar, Rajesh Kumar Dubey, Simrat Singh, Manisha Dubey, K.S. Sekhon and Mukesh Yadav	551	556
75	ADVANCES IN GUAVA CROP REGULATION: A REVIEW OF RECENT RESEARCH AND DEVELOPMENTS	Kajal Sahu, Sevan Das Khunte, Yogesh Kumar Chandrakar and Ajay Singh	557	564
76	YIELD TRAIT ANALYSIS IN RICE ( <i>ORYZA SATIVA</i> L.) RESTORER LINES THROUGH GENETIC VARIABILITY, CORRELATION AND PATH COEFFICIENT STUDIES	Teena Patel, S.K. Singh, Kumar Jai Anand and Nagesh Bichewar	565	573
77	EVALUATION OF GENETIC DIVERGENCE AMONG RABI SORGHUM ( <i>SORGHUM BICOLOR</i> L. MOENCH) GERMPLOSM THROUGH MULTIVARIATE TOOLS	S. Isha Parveen, Sk. Sameera, T. Bhagavatha Priya, M. Jyostna Kiranmai and S. Balaji Nayak	574	579
78	EFFECT OF ENDOPHYTIC MICROBIAL CONSORTIA ON SEEDLING VIGOUR INDEX OF TOMATO	P. Veekshitha, Y. Sireesha, Ch. Ruth, Y. Deepthi Kiran, K. Gopal, K.	580	585

S. No.	TITLE	AUTHOR	PAGE NO.	
		Arunodhayam and K. Dinesh		
79	HETEROISIS IN CHILLI ( <i>CAPSICUM ANNUM L.</i> ) USING CYTOPLASMIC MALE STERILE LINES	Suchitra Sakharam Desai, S. P. Sharma, S. G. Bhavne, S. R. Maloo, S.D. Desai, C. P. Bal and Sangita S. Sawant	586	592
80	ESTIMATION OF COMBINING ABILITY AND HETEROISIS FOR GRAIN YIELD AND ITS ATTRIBUTES IN BARLEY ( <i>HORDEUM VULGARE L.</i> )	Yogender Kumar, Deepak Kaushik and Harsh Chaurasia	593	601
81	EFFECT OF INTEGRATED NUTRIENT MANAGEMENT ON YIELD, QUALITY, NUTRIENT CONTENT AND UPTAKE OF MUSTARD ( <i>BRASSICA JUNCEA L. CZERN AND COSS</i> )	Priti P. Gelot, D. M. Patel, J. K. Patel and Veeresh Hatti	602	605
82	EVALUATION OF BER CULTIVARS FOR GROWTH, YIELD AND YIELD ATTRIBUTING TRAITS UNDER NORTHERN DRY ZONE OF KARNATAKA INDIA	Niteen, S. G. Gollagi, S. N. Patil, Kulapati Hipparagi, Bhuvaneshwari G., Siddanna Thoke and Basavaraj Padashetti	606	612
83	EFFECT OF PARTIAL REPLACEMENT OF FISHMEAL WITH MORINGA LEAF POWDER ON GROWTH PERFORMANCE AND SURVIVAL OF PACIFIC WHITE SHRIMP, <i>LITOPENAEUS VANNAMEI</i> (BOONE, 1931)	Bhavin D. Kuhada, Ketan V. Tank and Viral C. Bajaniya	613	616
84	IMPACT OF SEASONAL WEATHER PATTERNS ON YELLOW STEM BORER <i>SCRIPPOPHAGA INCERTULAS</i> (WALKER) AND RICE LEAF FOLDER <i>CNAPHALOCROCIS MEDINALIS</i> (GUENEE) INCIDENCE IN BASMATI RICE	Ankit Singh, Hem Singh, Naveen Kumar, Kushal Chaturvedi, Tekchand Nayak and Ankit Rai	617	622
85	ESTIMATE OF GENETIC DIVERGENCE FOR YIELD AND YIELD RELATED TRAITS IN CHILLI ( <i>CAPSICUM ANNUM L.</i> )	Dharmendra Bahadur Singh, G.C. Yadav, Prashant, Abinash Kumar Patel and Rajat Singh	623	627
86	SOCIO-ECONOMIC STATUS AND CONSTRAINTS FACED BY FARMERS PRACTICING NATURAL FARMING IN HIMACHAL PRADESH INDIA	Komal Sharma, Nisha Devi, Dev Raj, Shivalika Sood, Diksha Sethi and Manish Chauhan	628	636
87	AN ECONOMIC ANALYSIS AND RESOURCE USE EFFICIENCY OF SOYBEAN PRODUCTION IN MIDDLE GUJARAT INDIA	Bhargavi A. Hirpara and Bharat L. Dudhat	637	642
88	PRODUCTION AND MARKETING CONSTRAINTS OF BANANA GROWERS IN KANNIYAKUMARI DISTRICT OF TAMIL NADU, INDIA	M. Vignesh and R. Selvakumar	643	645
89	AGROFORESTRY FOR MITIGATING CLIMATE CHANGE IMPACTS	Sarat Sekhar Bora, Milon Jyoti Konwar, Karishma Borah, Ranjit Kumar Saud, Binoy Kumar Medhi, Santanu Kaushik Borah and Jugabrat Sarma	646	665
90	STUDIES ON INTEGRATED NUTRIENT MANAGEMENT MODULE (INM) ON PHYSICO-CHEMICAL PARAMETERS OF GUAVA CV. LUCKNOW-49	Jyoti, Anand G. Nanjappanavar, Kulapati Hipparagi, Sanjeevraddi G. Reddi and Rudresh D. L.	666	671
91	PERFORMANCE ASSESSMENT OF ARANIAR MEDIUM IRRIGATION PROJECT IN CHITTOOR DISTRICT ACCORDING TO VARIOUS PERFORMANCE INDICES	P. Sambasiva Rao, Rajesh G.M., B. Gowtham Singh and M.V. Ramana	672	679
92	EFFECT OF DEFICIT IRRIGATION AND DRIP EMITTER SPACING ON SOIL MOISTURE, YIELD AND WATER USE EFFICIENCY OF MAIZE ( <i>ZEA MAYS</i> ) UNDER SEMI-ARID CONDITION	R. Rukmni, Rajkumar R. Halidoddi, Rajesh G.M., Meghraj Ramthal and P Sambasiva Rao	680	692
93	GENETIC VARIABILITY AND ASSOCIATION PATTERN OF YIELD AND IT'S ATTRIBUTING CHARACTERS AMONG DIALLEL POPULATION OF PIGEONPEA ( <i>CAJANUS CAJAN L</i> ) MILLS.)	Mayuri Sahu, Swati Singh and Vikas Singh	693	697
94	MORPHOLOGICAL CHARACTERIZATION OF MUTANT POPULATION OF LATHYRUS ( <i>LATHYRUS SATIVUS L.</i> )	Priyanka Netam and Mayuri Sahu	698	706
95	IMPACT OF STIMULATION THROUGH GAMMA IRRADIATION ON SEEDLINGS OF LATHYRUS ( <i>LATHYRUS SATIVUS L.</i> )	Mayuri Sahu, Ajay Tiwari and S. J. Jambhulkar	707	719
96	INHERITANCE STUDIES OF PLANT BRANCHING PATTERNS IN DIFFERENT CROSSES OF PIGEON PEA ( <i>CAJANUS CAJAN L.</i> )	Shivang Sharma and Mayuri Sahu	720	724
97	GROWTH AND YIELD OF RICE AS INFLUENCED BY IRRIGATION REGIMES AND WEED MANAGEMENT PRACTICES UNDER SRI METHOD OF RICE CULTIVATION	Ashaq Hussain, Intikhab Aalum Jehangir, Aabid Hussain Lone, Nazeer A. Teeli and Tasneem Mubarak	725	731
98	EFFECT OF DIFFERENT SOLID AND LIQUID MEDIA ON GROWTH OF <i>COLLETOTRICHUM LINDEMUTHIANUM</i> IN <i>IN VITRO</i> CONDITION	Nakrani B.R., Mit Patel and V.M. Jitaliya	732	736
99	PERFORMANCE OF <i>CATHARANTHUS ROSEUS L.</i> IN DIFFERENT LOCATIONS OF JAIPUR CITY, RAJASTHAN	Priyanka Tolambiya and Bhagawatilal Jagetiya	737	744

S. No.	TITLE	AUTHOR	PAGE NO.	
	TO FIND THE SUITABILITY OF SOILS FOR CULTIVATION			
100	DOCUMENTATION OF WILD MEDICINAL PLANT RESOURCES IN WEST RAJABHATKHAWA RANGE OF BUXA TIGER RESERVE, WEST BENGAL, INDIA	Devbratha Pradhan, Mihir Ranjan Panda, Asha Sharma, Trishala Gurung, Ricky Pradhan, Amarendra Nath Dey, Dinesha S. and Kalyan Rai	745	763
101	THE POTENTIAL OF SODIUM AZIDE IN THE CREATION OF STABLE VARIATIONS AMONG M <sub>3</sub> MUTANTS OF GROUNDNUT ( <i>ARACHIS HYPOGAEA</i> L.)	Shradha Singh Parmar and Shama Parveen	764	769
102	THE ROLE OF SOIL COMPOSITION IN SHAPING TERROIR BASED TEA QUALITY	Bidisha Hazarika, Binoy Kumar Medhi and Aditi Smith Gogoi	770	781
103	SEASONAL INCIDENCE OF SUCKING PEST COMPLEX IN SESAME ( <i>SESAMUM INDICUM</i> L.)	A.A. Ram, K.P. Baraiya and B.J. Solanki	782	786
104	EFFECT OF POST- EMERGENCE HERBICIDES SPRAYING BY DRONE ON WEED INDICES, GROWTH AND YIELD OF MAIZE ( <i>ZEA MAYS</i> L.)	Mamidala Kavya, Y. Siva Lakshmi, K. Bhanu Rekha, T. Ram Prakash and P. Rajaiah	787	793
105	IRRIGATION WATER QUALITY IMPACT ON SALINITY TOLERANT AND SUSCEPTIBLE ORNAMENTAL TREE SPECIES IN THE SEMI-ARID REGION OF BATHINDA, PUNJAB, INDIA	Kamal Kishor Nagar, Rajesh Kumar Dubey, Simrat Singh, Manisha Dubey, K. S. Sekhon and Mukesh Yadav	794	802
106	IDENTIFICATION OF PROMISING TRANSGRESSIVE SEGREGATION IN CHICK PEA ( <i>CICER ARIETINUM</i> L.)	Snehal R. Chaudhari, Ankita P. Kamble, N. S. Kute and J. N. Parmar	803	808
107	ANTINUTRITIONAL FACTORS IN MILLETS: HEALTH BENEFITS AND ADVERSE EFFECTS IN HUMAN HEALTH	Shivani Bakshi, Anuradha Mishra and Rekha Kaushik	809	815
108	EFFECT OF PHOSPHORUS AND PHOSPHATE SOLUBILIZING MICROORGANISM ON GROWTH AND YIELD OF BLACKGRAM ( <i>VIGNA MUNGO</i> L.) UNDER THE ALFISOLS OF TELANGANA INDIA	C. J. Reddy, A. K Singh, Yabi Gadi and Y. A. Reddy	816	822
109	OPTIMIZING FEMIGROW APPLICATION FOR ENHANCED YIELD AND AGRONOMIC PERFORMANCE IN APPLE ( <i>MALUS DOMESTICA</i> BORKH.) CULTIVATION	Arun Kumar, Ashok Kumar Thakur, Durga Prashad Bhandari, Budhi Ram, Deepika, Nidhish Gautam and Rajesh Kumar	823	826
110	INTEGRATED MANAGEMENT OF SHEATH BLIGHT DISEASE OF RICE	Rini Pal and Dipankar Mandal	827	830
111	GENETIC ASSOCIATION AND CHARACTERIZATION OF CHILLI ( <i>CAPSICUM ANNUUM</i> L.) GERMPLOSM FOR YIELD AND ITS COMPONENT CHARACTERS	Sudeshna Panja, Sruba Saha and Trisha Manna	831	837
112	PERSISTENCE OF TEBUCONAZOLE AND COMBINATION OF FIPRONIL AND IMIDACLOPRID IN CHILLI SOIL AFTER SPRAYING APPLICATION	Sonali Sharma, Jatiender Kumar Dubey, Deepika Shandil, Amit Dhankar, Kuldeep Kumar, Shivani Sharma, Pooja Karki and Abha Thakur	838	845
113	SCREENING OF PEA VARIETIES/GERMPLOSM AGAINST ASCOCHYTA PISI CAUSING ASCOCHYTA BLIGHT	Pinki Sharma, Mahabeer Singh, Kavita Kansotia, Sushila Yadav, Dinesh Kumar Meena, Brijesh, Kiran Kumawat and Hemant Gurjar	846	850
114	EXPLORING COMBINING ABILITY AND GENE ACTION FOR SEED YIELD AND ITS COMPONENT TRAITS IN PEARL MILLET ( <i>PENNISETUM GLAUCUM</i> (L.) R. BR.)	R.M. Jambukiya, B.C. Patel, K.V. Patel and M.P. Patel	851	857
115	EVALUATION OF EARLY SUGARCANE CLONES FOR YIELD AND QUALITY TRAITS AND THEIR DIVERSITY ANALYSIS	Sayani Basu, Dharam Nath Kamat, Aman Srivastava, Javed, Jainendra Pratap, Sonali Srivastava, Anamish Tyagi and Poonam Sharma	858	863
116	RESPONSE OF TOMATO GRAFTED ON BRINJAL ROOTSTOCK FOR GROWTH AND YIELD COMPONENTS.	R.S., Nimbalkar, D.B. Kshirsagar and U.D. Pansare.	864	867
117	COMBINING ABILITY ASSESSMENT IN TOMATO ( <i>SOLANUM LYCOPERSICUM</i> L.) FOR GROWTH AND YIELD	K.K. Sharma, Pramila, K.K. Meena and Sunil Kumar	868	874
118	ASSESSMENT OF GENETIC VARIABILITY AND DIVERSITY STUDIES IN SESAME ( <i>SESAMUM INDICUM</i> L.)	Umamaheswari D., Thirumeni S., Suganthi S., P. Satheesh Kumar, and R. Bhuvaneshwari	875	879
119	INFLUENCE OF TIME ON RELEASE BEHAVIOUR OF ZINC AND ITS FRACTION IN DIFFERENT PHOSPHORUS STATUS SOILS	Sunitha Fogat, Rohtas Kumar, Amit Dhankar and Mahesh Kumar Rana	880	886
120	OILSEED PRODUCTION TRENDS AND PERFORMANCE IN RAJASTHAN INDIA	Akash Vilas Mhaskey, Girdhari Lal Meena, Shivangi Upadhyay and Narendra Yadav	887	892
121	EVALUATING THE IMPACT OF WEED MANAGEMENT PRACTICES ON ENERGY BUDGETING IN RAINFED CASTOR	G.M. Imran, N. Nalini, G. Suresh and J.D. Saritha	893	897

S. No.	TITLE	AUTHOR	PAGE NO.	
122	DECIPHERING GENETIC VARIABILITY, CHARACTER ASSOCIATIONS AND DIVERSITY ANALYSIS IN SESAME ( <i>SESAMUM INDICUM</i> L.) GERmplASMS	Sampurna Bhattacharya, Bhushan Kale, Chirag P. Chandramaniya, Bukya Priyanka and Ruchi J. Chhodavadiya	898	911
123	EVALUATION OF BITTER GOURD ( <i>MOMORDICA CHARANTIA</i> L.) GENOTYPES FOR GROWTH, YIELD AND QUALITY TRAITS	Kishorkumar, G.K., R.S. Jawadagi, Shashikant Evoor, Namita Raut, Shivayogi Ryavalad, Noorulla Haveri and Sayeed W.R. Mulla	912	919
124	ESTIMATION OF GENE ACTION FOR YIELD AND ITS CONTRIBUTING TRAITS IN BITTER GOURD ( <i>MOMORDICA CHARANTIA</i> L.)	Manish Kumar, Satya prakash, Atar Singh, Vipin kumar, Bijendra Singh, Bhim Singh, Mohd. Wamiq, Khursheed Alam and Rupesh Kumar	920	923
125	RECENT STRATEGIES FOR CITRUS FRUITS VALORIZATION: A COMPREHENSIVE OVERVIEW OF INNOVATIVE APPROACHES AND APPLICATION	Prasad Patil, M. D. Jameel Jhalegar, Viresh Hiremath, Laxmi Shinde, Sateesh Pattepur, Neurula Haveri and Shripad Vishweshwar	924	933
126	IMPACT OF SOWING DATES AND IRRIGATION LEVELS ON BEETROOT ( <i>BETA VULGARIS</i> L.): INSIGHTS INTO GROWTH DYNAMICS, YIELD ATTRIBUTES AND QUALITY PARAMETER	Raj D. Rupareliya, Mihir B. Modh, D. B. Patoliya, Kameshwar P. Patel and H. H. Sitapara	934	942
127	EFFECT OF DIFFERENT NUTRIENT MANAGEMENT ON GROWTH AND YIELD OF KHARIF SUNFLOWER ( <i>HELIANTHUS ANNUUS</i> L.)	B. Soumya, V. P. Suryavanshi and K. Jhansi	943	947
128	STUDY OF CORRELATION AND PATH ANALYSIS IN SESAME ( <i>SESAMUM INDICUM</i> L.)	P. Maheetha, J.E. Jahagirdar and D.P. Deshpande	948	952
129	STUDY OF TRAIT RELATIONSHIPS IN F <sub>2</sub> POPULATION OF RIDGE GOURD ( <i>LUFFA ACUTANGULA</i> L. ROXB.): A CORRELATION AND PATH ANALYSIS	Kavya, H. P. Hadimani, Satish D., Shashikanth Evoor, Venkateshalu and Amulya H. T.	953	958
130	EFFECT OF INTEGRATED NUTRIENT MANAGEMENT ON QUALITY ATTRIBUTES OF GUAVA ( <i>PSIDIUM GUAJAVA</i> L.)	Perna Kumawat, M.L. Meena, Rishabh and Lalita Bairwa	959	962
131	PLANT GROWTH REGULATORS: THEIR IMPACT ON CUCURBITS	Shivani Sharma, Deepak Sharma, Shailja Thakur, Vijeta Katoch, Neha Kumari and Sahil Lohia	963	970
132	UNLOCKING HYBRID POTENTIAL: A DETAILED ANALYSIS OF HETEROSIS, GCA, AND SCA FOR ENHANCING AGRONOMIC PERFORMANCE AND YIELD IN RICE ( <i>ORYZA SATIVA</i> L.)	Umesh Singh, Abhinav Sao and Sunil Kumar Verma	971	978
133	EXTRACTION OF PAPER FROM MULBERRY ( <i>MORUS INDICA</i> L.) TWIGS AND ITS ANALYSIS	Arasakumar E., Ranjith Kumar S., Vasanth V., Thangaroja K. and Mithilasri M.	979	984
134	UNVEILING THE SCARLET JEWEL: A COMPREHENSIVE REVIEW ON RED RICE	Vishwaradhya M. Biradar, Sharanagouda Hiregoudar, Udaykumar Nidoni, Ramappa, K.T., Swapna and Santosh Pawar	985	995
135	EVALUATION OF BOTANICAL GRAIN PROTECTANTS AGAINST PULSE BEETLE ( <i>CALLOSOBRUCHUS MACULATUS</i> FABRICIUS)	A.R. Prajapati, Bindu K. Panickar, K.L. Bairwa, K.J. Bhuva and Jadav G.S.	996	1002
136	IMPACT OF SHOOT PRUNING ON THE PREVALENCE OF MANGO ANTHRACNOSE DISEASE IN SUB-HIMALAYAN TERAI REGION OF WEST BENGAL INDIA	Polu Parameshwar, Nilesh Bhowmick and Surajit Khalko	1003	1008
137	WEED MANAGEMENT IN DIRECT SEEDED RICE USING DIFFERENT HERBICIDE COMBINATIONS AND THEIR EFFECT ON GROWTH AND YIELD PARAMETERS	Sheetal Singh, Deepak Kumar Maurya, Monalisa Sahoo, Pradumn Kumar Mourya, Shubham Singh and Jatin Kumar Singh	1009	1017
138	SAFEGUARDING INSECTS AS BIO-INDICATORS OF ENVIRONMENTAL CHANGES AND POLLUTION: A REVIEW	Prasanna Malireddi, Mounika Jarpla, Patel Rajesh D., H.L. Bandhavi and Desai H. R.	1018	1032
139	EFFECT OF FOLIAR APPLICATION OF LIQUID ORGANIC MANURES ON QUALITY OF GRAPES CV. MANJRI NAVEEN	Priya James, Sateesh V. Pattepur, S. N. Patil, Sanjeevreddi G. Reddi and Mallikarjun Awati	1033	1038
140	EFFECT OF NEW PRE AND POST EMERGENCE HERBICIDE MOLECULES IN KHARIF MAIZE	Sabiya Begum, P. Madhukar Rao, B. Padmaja and P. Ravi	1039	1042
141	ASSESSING VERTICAL HETEROGENEITY OF SOIL PROPERTIES AND NUTRIENT AVAILABILITY IN TWO DISTINCT LANDFORMS OF DHENKANAL DISTRICT, ODISHA, INDIA	Truptimayee Pattnaik, Prava Kiran Dash, Antaryami Mishra, Suchismita Balabantaray and Deepanjali Dugal	1043	1046
142	GENOTYPIC-ENVIRONMENT INTERACTION AND DISEASES SCREENING STUDIES IN PIGEONPEA [ <i>CAJANUS CAJAN</i> (L.) MILLSP.]	Muniswamy S., Praveenkumar B., Annaray Talwar, Prakash Kuchanur, Sidramappa, Mallikarjun Kenganal, Girish G. and Gururaj Sunkad	1047	1053

S. No.	TITLE	AUTHOR	PAGE NO.	
143	IMPACT OF BARNYARD MILLET AND DRAGON FRUIT POWDER ON BISCUIT NUTRITIONAL PROPERTIES	Bhaskar Rao Bheemiseti, A. Kiran Kumar, A. Bhagwan, J. Shankaraswamy, and G. Sathish	1054	1061
144	EFFECT OF FOLIAR APPLICATION OF DIFFERENT SOURCES OF POTASSIUM AND CALCIUM ON GROWTH AND YIELD OF GRAPE CV. THOMPSON SEEDLESS	Mahendra B. Hittalamani, S. N. Patil, Sateesh Vasudev Pattepur, Bhuvaneshwari G., Satyanarayana C., Siddanna Thoke and Basavaraj Padashetti	1062	1068
145	EFFECT OF BUNCH LOAD AND FOLIAR APPLICATION OF MICRONUTRIENTS ON GROWTH AND YIELD OF GRAPES CV. THOMPSON SEEDLESS	Santoshkumar, S. N. Patil, Sateesh Vasudev Pattepur, Bhuvaneshwari G., Satyanarayana C., Siddanna Thoke and Basavaraj Padashetti	1069	1075
146	AN INCUBATION EXPERIMENT ON SCREENING OF GREEN GRAM VARIETIES FOR TOLERANCE TO SALINE IRRIGATION WATER	R. Kamaleshwaran, R. Rajakumari Malliga, K. Karthikeyan, K. M. Dinesh, D. Hariprasath, V. S. Mervin Balaje, S. Dhayalan, Y. Queen Ziba' K. B. Sriswasowmiya, M. Keerthana, I. Durga Devi, R. Alamelu and V. Kabilan	1076	1082
147	EFFECT OF SOWING DATES AND PLANT SPACING ON GROWTH AND YIELD PARAMETERS OF BLACK CUMIN ( <i>NIGELLA SATIVA</i> L.) UNDER NORTHERN DRY ZONE OF KARNATAKA INDIA	Ankita Desai, Y.C. Vishwanath, Vijayakumar B. Narayanapur, Sanjeevreddi G. Reddi and Jayarama N. Naik	1083	1088
148	DYNAMICS OF SPATIO-TEMPORAL CHANGES OF URBAN LAND USE/LAND COVER PATTERN IN TEMPLE CITY OF BHUBANESWAR, ODISHA, INDIA	Sanjeeb Kumar Das	1089	1096
149	EVALUATION OF NOVEL ACARICIDES AND BOTANICALS AGAINST RICE LEAF MITE, <i>OLIGONYCHUS ORYZAE</i> (HIRST) (ACARI: TETRANYCHIDAE), A KEY PEST OF SUMMER RICE IN ANDHRA PRADESH INDIA	I. Paramasiva, Ch. Sreelaksmi, P. Madhusudan' Sk. Sameera and U.Vineetha	1097	1103
150	EFFECT OF INTEGRATED NUTRIENT MANAGEMENT ON GROWTH ATTRIBUTES OF FRENCH MARIGOLD ( <i>TAGETES PATULA</i> L.) CV. RUSTY RED	Pankaj Kumar, R. S. Verma, M.L. Meena, Praveen Kumar, Rahul and Lakshmi Chandra,	1104	1108
151	GJ 45 (SDAU JOWAR MOTI) – A NEW DUAL SORGHUM VARIETY FOR SEMI-ARID REGION OF GUJARAT INDIA	R.A. Gami, K.G. Kugashiya, B.K. Davda, R.N. Patel, S.K. Jain, P.R. Patel, S.J. Vaghela and M.S. Patel	1109	1117
152	INVASIVE THRIPS, <i>THRIPS PARVISPINUS</i> (KARNY, 1992), AND ITS THREAT TO AGRICULTURE: A COMPREHENSIVE REVIEW	Sake Manideep, M. Muthuswami, Shanmugam P. S., Tulasi B. and Talapla Sai Kumar	1118	1127
153	RELATIONSHIP BETWEEN MANAGEMENT ORIENTATION AND THE PROFILES OF THE MEMBERS OF THE FARMERS PRODUCER COMPANY WITH REFERENCE TO POTATO PRODUCTION IN ASSAM INDIA	Irshad Hussain, Pabitra K. Das, Prasanta Mishra, Utpal Barman, Hemanga K. Kalita, Sundar Barman, Nivedita Deka and Hemanta Saikia	1128	1137
154	ASSESSMENT OF CADMIUM AND COBALT INDUCED RESPONSES IN <i>THELYPTERIS DENTATA</i> (FORSSK.) E.P. ST. JOHN: A POTENTIAL HEAVY METAL ACCUMULATOR	Prashan Kumar Chhetri, Lagnojita Pal, Cyaria Gurung and Jnan Bikash Bhandari	1138	1150
155	EVALUATION OF CORRELATION AND PATH ANALYSIS FOR YIELD AND YIELD-RELATED TRAITS IN RIDGE GOURD ( <i>LUFFA ACUTANGULA</i> (L.) ROXB.) GENOTYPES	Amulya H. T., Yashavantakumar K. H., H. P. Hadimani, Rekha Bheemappa Chittapur	1151	1155
156	EXPLORATION OF UNDERUTILIZED LEAFY VEGETABLE BASELLA ( <i>BASELLA ALBA</i> L.) FOR B-CAROTENE ENHANCED KHAKHRA	Amulya S.P., Bhuvaneshwari G., Laxman Kuknoor, Vasant M. Ganiger and DeepaTerdal	1156	1164
157	EFFICACY OF NOVEL INSECTICIDES AGAINST LEAF WEBBER AND CAPSULE BORER, <i>ANTIGASTRA CATALAUNALIS</i> (DUPONCHEL) INFESTING SESAME	Sumit Kalathiya, Chandaragi M. K., Bindu K. Panickar and Manisha S. Shinde	1165	1171
158	EFFICACY OF COW URINE ENRICHED BOTANICALS AGAINST POD BORER, <i>HELICOVERPA ARMIGERA</i> HUBNER INFESTING CHICKPEA <i>CICER ARIETINUM</i> L.	P.J. Salvi, M. K. Chandaragi, B.R. Nakrani and P.S. Patel and D. N. Parmar	1172	1177
159	GENETIC VARIABILITY STUDY IN READY TO ROAST GENOTYPES OF DESI CHICKPEA ( <i>CICER ARIETINUM</i> L.)	Rajkumar, Laxuman, Sidramappa, Lokesh G. Y., P. F. Mathad and Archana Joshi	1178	1181
160	CORRELATION AND PATH COEFFICIENT ANALYSIS IN READY TO ROAST GENOTYPES OF DESI CHICKPEA ( <i>CICER ARIETINUM</i> L.)	Rajkumar, Laxuman, Lokesh G.Y., Sidramappa, P. F. Mathad and Archana Joshi	1182	1188
161	AN EVALUATION OF KEY NUTRITIONAL COMPONENTS OF VEGETABLE MESTA ( <i>HIBISCUS CANNABINUS</i> L.): A STUDY ON VARIABILITY AND	Swati Patil, Vasant M. Ganiger, Bhuvaneshwari G., Sarvamangala S. Cholin and Shashikanth Evoor	1189	1195



S. No.	TITLE	AUTHOR	PAGE NO.	
	BIOCHEMICAL PROFILE			
162	ASSESSMENT OF GENETIC VARIABILITY IN F <sub>5</sub> GENERATION UNDER TRANSPLANTED CONDITION IN RICE ( <i>ORYZA SATIVA</i> L.)	Kartik C. Pardhi, M.P. Meshram, S.A. Patil, Yash D. Barde, Shital G. Kunte and Samir V. Nikose	1196	1200
163	STUDIES ON OPTIMIZATION OF KOKUM-BASED ANTHOCYANIN INFUSED WHITE FLESH GUAVA READY TO SERVE BEVERAGE	P. Shailaja, Thippanna K. S., MD. Jameel Jhalegar, Laxaman Kukanoor and Shiddanagouda Yadachi	1201	1207
164	EFFECT OF PRIMING TREATMENTS ON SEED YIELD AND ITS ATTRIBUTING CHARACTERS OF KABULI CHICKPEA ( <i>CICER ARIETINUM</i> L.)	M.R. Meshram, M.T. Bhingarde, V.R. Shelar, N.S. Kute, S.R. Zanjare and M.R. Patil	1208	1214
165	CHARACTERIZATION OF BIOCHAR PREPARED FROM DIFFERENT PLANT WASTES AND EVALUATION OF BIOCHAR WITH FERTILIZER ON FODDER MAIZE	Riya Jadav, H.P. Dholariya, N.M. Thesiya and Navneet Kumar	1215	1221
166	EFFECT OF SPLIT APPLICATION OF NITROGEN, PHOSPHORUS AND POTASSIUM ON GROWTH AND YIELD OF SOYBEAN [ <i>GLYCINE MAX</i> (L.) MERRILL]	Petta Sireesha, V.P. Suryavanshi, P.N. Karanjikar, B. Soumya and S.N. Ghungarde	1222	1227
167	EVALUATION OF DUAL PURPOSE BAO RICE ( <i>ORYZA SATIVA</i> L.) VARIETIES OF ASSAM FOR FODDER AND GRAIN YIELD UNDER DIFFERENT CUTTING INTERVALS	Himashree Devi, Seuji Bora Neog, Kishore K. Sharma and Nagendra Sarma Barua	1228	1233
168	COMBINED EFFECT OF ENTOMOPATHOGENIC FUNGUS <i>METARHIZIUM ANISOPLIAE</i> (METSCHINKOFF) AND NOVEL INSECTICIDES ON THE CELLULAR AND HUMORAL IMMUNE MECHANISMS OF <i>SPODOPTERA LITURA</i> (FABRICIUS)	Adama Thanuja, S. J. Rahman, P. Rajanikanth and Bharati N. Bhat	1234	1244
169	CALIBRATION AND VALIDATION OF INFOCROP MODEL FOR PHENOLOGY OF DIFFERENT MUSTARD CULTIVARS AT MIDDLE GUJARAT INDIA	Sumitkumar R. Patel, B. I. Karande and Manoj Lunagaria	1245	1249
170	EVALUATION OF F <sub>4</sub> PROGENIES OF CHILLI ( <i>CAPSIUM ANNUM</i> L.) FOR GROWTH, FLOWERING AND YIELD UNDER KOKAN CONDITION	Jayanth K.V., Sanap P.B., Harshitha M., Salvi R., Shinde B.D. and Shirke G.D.	1250	1259
171	STUDIES ON INTEGRATED NUTRIENT MANAGEMENT AND BIOFERTILIZERS ON ROWTH AND YIELD OF RED CABBAGE ( <i>BRASSICA OLERACEA</i> VAR. <i>CAPITATA</i> F. <i>RUBRA</i> )	J.S. Lahade, S. J. Shinde, V. R. Pawar P. S. Bhagiya and Y. B. Lahade	1260	1264
172	ASSESSMENT OF GENETIC DIVERSITY IN 35 SOYBEAN GENOTYPES ( <i>GLYCINE MAX</i> (L.) MERRIL)	V.R. Bhangare, M.P. Deshmukh, S.D. Kale, M.S. Kamble and P.B. Patil	1265	1271
173	EFFECT OF BIOFERTILIZERS ( <i>RHIZOBIUM</i> AND PSB) WITH AND WITHOUT MOLYBDENUM ON BIOMASS PRODUCTION, UPTAKE AND QUALITY OF CHICKPEA ( <i>CICER ARIETINUM</i> L.)	Vishakha Rai, A.K. Singh, Sangya Singh and Sunil Kumar Upadhyay	1272	1279
174	ASSESSING YIELD STABILITY AND ASSOCIATED TRAITS IN OKRA ( <i>ABELMOSCHUS ESCULENTUS</i> L. MOENCH)	Dixita Rajkhowa, G.C. Bora, Palki Priya Khargharia, Reecha Das, and Kunal Kaushik	1280	1285
175	EFFECT OF INTEGRATED NUTRIENT MANAGEMENT ON GROWTH, YIELD AND QUALITY OF INDIAN MUSTARD ( <i>BRASSICA JUNCEA</i> L.)	Pradeep Kumar, Vishuddha Nand, Dheerendra Kumar, Deepu, Abhishek Mishra, Suryabhan, Sanjiv Kumar and Janardan Prasad Bagri	1286	1292
176	ROOT TRAITS FOR DROUGHT TOLERANCE: A STUDY OF UPLAND RICE GENOTYPES FROM NAGALAND AND THEIR POTENTIAL FOR IMPROVING RICE ( <i>ORYZA SATIVA</i> ) PRODUCTIVITY	Saurabh Samdarshi, Sampoomanand Jha, Pankaj Saha and M.B. Sharma	1293	1304
177	PLANNED PAIRWISE COMPARATIVE STUDY OF SEA BUCKTHORN-BASED POLLEN AND NECTAR SUBSTITUTE FORMULATIONS ON DIET CONSUMPTION OF WESTERN HONEYBEE ( <i>APIS MELLIFERA</i> )	B. Jyothirmai, J. Shankaraswamy, M. Rajasekhar, Shahanaaz and G. Sathish	1305	1311
178	DEVELOPMENT AND EVALUATION OF MULTIGRAIN SNACK PREMIX INCORPORATED WITH JAMUN SEED POWDER	Veena Shivananda Nandigavi, Deepa Terdal Laxman Kuknoor, Suhasini Jalawadi and Anita Rajkumar Ghandhe	1312	1319
179	EFFICACY OF HEAVY METALS-TOLERANT PLANT GROWTH PROMOTING BACTERIAL CONSORTIUM FOR ALLEVIATING CADMIUM TOXICITY IN SPINACH	A. K. Padhiyar, Dileep Kumar, K. C. Patel and V. J. Patel	1320	1325
180	ASSESSMENT OF PHENOTYPIC VARIABILITY AND NUTRIENT COMPOSITION OF <i>POPULUS DELTOIDES</i> CLONES IN PRAYAGRAJ, INDIA	Swati Priya and Anita Tomar	1326	1334
181	RESPONSE OF AGRONOMIC BIOFORTIFICATION WITH ZINC ON DUAL-PURPOSE OATS AND POST-HARVEST SOIL NUTRIENT STATUS IN ZINC DEFICIENT SOIL OF NORTHEASTERN REGION OF INDIA	Priyanka Devi, Rahul Saikia, Karuna Kanta Sharma, Pranjit Sutradhar, Bhabesh Gogoi, Seuji Bora Neog and Mamoni Panging	1335	1342

S. No.	TITLE	AUTHOR	PAGE NO.	
182	STUDY OF HETEROSIS FOR YIELD ATTRIBUTES IN RIDGE GOURD ( <i>LUFFA ACUTANGULA</i> L.ROXB.) IN SEMI ARID REGION IN RAJASTHAN INDIA	Deepika Sharma and A.K. Soni	1343	1347
183	INFLUENCE OF PROPAGATION CHAMBERS AND GROWTH REGULATORS ON ROOTING OF ROSEMARY ( <i>ROSMARINUS OFFICINALIS</i> L.)	Kune Lavanya, Vijayakumar B. Narayanapur, Y. C. Vishwanath, Vasant M. Ganiger, Laxman Kukanoor, V. M. Chandrashekar and Mohammed Farooq	1348	1355
184	<i>CHEILOLEJEUNEA OCCLUSA</i> RARE AND LITTLE-KNOWN SPECIES NEW ADDITION TO BRYOFLOTA OF INDIA	Shashi Kumar and Devendra Singh	1356	1359
185	RESPONSE OF PLANT GROWTH RETARDANT (MEPIQUAT CHLORIDE 5% AS) FOR GROWTH AND YIELD TRAITS IN CHILLI CV. PUSA JWALA	Mukesh Singh Chauhan, Manoj Raghav, Aakash Deep Kamboj, Imamuddin Shah and Kuldeep	1360	1364
186	HETEROSIS AND COMBINING ABILITY STUDIES FOR FRUIT YIELD, COMPONENTS AND QUALITY TRAITS IN TOMATO ( <i>SOLANUM LYCOPERSICUM</i> L.) UNDER MID HILL CONDITIONS OF HIMACHAL PRADESH INDIA	Shaina Sharma, Sanjay Chadha, Shivam Sharma and Sayed Hasibullah Sadat	1365	1372
187	EXPLORING BIOFERTILIZER EFFICIENCY IN OPTIMIZING CABBAGE ( <i>BRASSICA OLERACEA</i> VAR. <i>CAPITATA</i> L.) GROWTH DYNAMICS CV. GOLDEN ACRE	Udayabhan Nishad, Sanjay Kumar, Vipin Kumar, Sunita, Narendra Kumar, Niteshwari Baghele and Chandan Kumar	1373	1377
188	PERFORMANCE ASSESSMENT OF ROTAVATOR UNDER VERTISOLS FIELD CONDITIONS IN JABALPUR, MADHYA PRADESH INDIA	Avinash Kumar, Yalaka Nandini, and Atul Kumar Shrivastava	1378	1386
189	<i>VERBENA INCOMPTA</i> : INSIGHTS INTO ITS FIRST RECORDED PRESENCE IN THE DOON VALLEY'S RIVERINE HABITATS	Revan Yogesh Chaudhari, Umama Khan, Monal Rajendra Jadhav, Bhupendra Singh Adhikari, Syed Ainul Hussain and Ruchi Badola	1387	1390
190	<i>IN VITRO</i> ANTIMICROBIAL POTENCY OF PLANT EXTRACTS AGAINST <i>SAROCLADIUM ORYZAE</i>	A.Muthukumar, A.Eswaran, T.Suthin Raj, P.Renganathan and C.Gunaseeli	1391	1396
191	ROLE OF GRAFTING IN ENHANCING CUCURBIT CROP PERFORMANCE: A COMPREHENSIVE REVIEW	Lokesh T.H., Chandana B.S. and Jyoti Uppar	1397	1406
192	EFFECT OF INTEGRATED NUTRIENT MANAGEMENT ON GROWTH AND QUALITY OF FODDER COWPEA ( <i>VIGNA UNGUICULATA</i> L.)	Sruthi G., Balazzii Naaik R. V. T., Bhanu Rekha K., Sukruth Kumar T. and Triveni S.	1407	1411
193	INFLUENCE OF DIFFERENT PACKAGING MATERIALS ON THE SHELF LIFE OF SAPOTA ( <i>ACHARUS ZAPOTA</i> L.)	Mayuri Goswami, Shubham Singh Rathour, Chandra Kant Sharma and Poonam	1412	1419
194	COMPARING THE EFFECTIVENESS OF VARIOUS INSECTICIDES ON BROWN PLANT HOPPER ( <i>NILAPARVATA LUGENS</i> ) AND ANALYZING THEIR ECONOMIC IMPACT	Virendra Tripathi, Ritesh Kumar and Saroj Chauhan	1420	1426
195	EFFECT OF MEDIA AND LENGTH OF CUTTING ON ROOTING OF DRAGON FRUIT (RED FLESH - <i>HYLOCEREUS POLYRHIZUS</i> L.) UNDER MANIPUR CONDITION	Meikambam Jusma Devi, S. Romen Singh and M. Chanchan	1427	1430
196	BIOFERTILIZER MEDIATED GROWTH PROMOTION IN JACKFRUIT ( <i>ARTOCARPUS HETEROPHYLLUS</i> L.) CV. CHANDRA: A STUDY ON KSB AND <i>PSEUDOMONAS</i> APPLICATION	Rupa Ujjwal, Vishwanath S, Jitendra Singh, Kamal Kumar Pande, Jitendra Gurjar, Santosh Araganji, Suman Kumari, Priyanka Solanki and Raju Yadav	1431	1436
197	IMPACT OF BIO-ENHANCERS AND BIO-FERTILIZERS ON THE PRODUCTION ECONOMICS OF WINTER SEASON GUAVA	Nitin Kumar Chouhan and V. K. Tripathi	1437	1442
198	GROWTH, YIELD AND QUALITY OF CUCUMBER AS INFLUENCED BY FERTIGATION AND FOLIAR APPLICATION OF BORON	Jaya Giri, S.M. Ghawade, S.D. Jadhao, Jayashri Wasule, D.S. Phad, Vishakha Kolhe and Tanaji Kale	1443	1450
199	GENETIC VARIABILITY STUDIES IN WHEAT ( <i>TRITICUM AESTIVUM</i> L.)	G. Praveenkumar, S. M. Umate, H.V. Kalpande, D. K. Zate and Bharat Sharma	1451	1459
200	ASSESSMENT OF GENETIC DIVERSITY IN ADVANCED BREEDING LINES OF RICE ( <i>ORYZA SATIVA</i> L.) FOR ENHANCED PRODUCTIVITY	Janaki Venkata Yashwanth, P. Shanathi, M. Reddi Shekar, P. Lavanya Kumari and Lakshminarayana R. Vemireddy	1460	1467
201	PERFORMANCE OF LEGUME CROPS UNDER SUGARCANE BASED INTER-CROPPING SYSTEM	Abhinandan Patil, Ganesh Pawar, Anil Munde and Ashok Kadlag	1468	1471
202	<i>TRICHODERMA</i> : A MULTIFACETED ALLY IN PLANT GROWTH PROMOTION AND DISEASE RESISTANCE	Shaik Munnysa, R.N. Bunker, Ramavath Abhi, Divya Shree, Kinjal Mondal, Smriti Akodiya, Sushila Yadav, Pinki Sharma, Kiran Kumawat, Parul Upadhyay and Mamta Beniwal	1472	1478

S. No.	TITLE	AUTHOR	PAGE NO.	
203	BIOCHAR APPLICATION : A PROPITIOUS APPROACH TO CLIMATE SMART AGRICULTURE	Nidhi Singh, Priyanka Soni, Rahul Kumar, Fahami Zaya, Amrita Kumari, Riya Gupta and Nandita Ghoshal	1479	1484
204	<i>TRICHODERMA ATROVIRIDE</i> (T14) DERIVED PUTATIVE MUTANTS WITH ENHANCED CHITINASES ABILITY AGAINST <i>RHIZOCTONIA SOLANI</i>	Sandhya Sahu, Smriti Dhruw, Akanksha Shukla and Anil S. Kotasthane	1485	1491
205	EFFECTS OF ORGANIC TREATMENTS ON QUALITY OF GUAVA ( <i>PSIDIUM GUAJAVA</i> L.)	Sakshi, Suresh Kumar, Sumit and Luxmi	1492	1495
206	DEVELOPMENT AND EVALUATION OF NUTRITIONAL PROPERTIES OF GLUTEN FREE PASTA	Roopal Mishra, S.K. Garg and Mohan Singh	1496	1501
207	DEVELOPMENT OF DEHYDRATED KARCHIKAI ( <i>MOMARDICA CYMBALARIA</i> )	Komal, Viresh Hiremath, Laxman Kuknoor, Kiran M. Nagajjanavar and Namita Bhaskar Raut	1502	1506
208	VARIABILITY IN INDIGENOUS CUSTARD APPLE ( <i>ANNONA SQUAMOSA</i> L.) GENOTYPES FOR FRUITING AND YIELD CHARACTERS AT DHARSIWA BLOCK OF CHHATTISGARH, INDIA	Aditya Gaurha, G.D. Sahu, Prabhakar Singh and Maksudan	1507	1512
209	EFFECT OF FOLIAR APPLICATION OF FERTILIZER ON GROWTH AND SEED YIELD OF SESAME ( <i>SESAMUM INDICUM</i> L.)	Podalakuru Kranthikumar, A. K. Ghotmukale, P. Sireesha, V. A. Khedkar and S.S. Sukne	1513	1518
210	BIOCHEMICAL CHANGES INDUCED BY NANOSILICON IN MITIGATING DROUGHT STRESS IN GROUNDNUTS ( <i>ARACHIS HYPOGAEA</i> L.)	Devendra Kumar and H. P. Gajera	1519	1528
211	USE OF BIOFORMULATIONS AND BIO-CONTROL AGENTS IN AGRICULTURE: A REVIEW	Nitish Ahlawat and Kaamini Kumari	1529	1538
212	GENETIC STUDIES OF F <sub>4</sub> GENERATION IN CHILLI ( <i>CAPSICUM ANNUM</i> L.)	D.R. Jadhao, V.S. Khandare, S.S. Valvate and A.B. Awasarmol	1539	1544
213	EFFECT OF POSTHARVEST OZONE FUMIGATION ON POTATO TUBERS DURING STORAGE	Soumya P.M., MD. Jameel Jhalegar, Laxman Kuknoor, Shashikantha Evoor and Vijay Rakesh Reddy Sonikommu	1545	1551
214	ESTIMATION OF YIELD LOSS DUE TO STEM FLY, <i>MELANAGROMYZA SOJAE</i> (ZEHNTNER) IN SOYBEAN	R. Channakeshava, N.S. Vinoda, Rohini Sugandhi and G. Somanagouda	1552	1559
215	MORPHOLOGICAL AND QUANTITATIVE CHARACTERIZATION OF WOOD APPLE ( <i>FERONIA LIMONIA</i> L.) GENOTYPES UNDER AWADH REGION OF UTTAR PRADESH, INDIA	Usha Shukla, Rubee Lata, Ravi Shankar Verma, Sudheer Yadav, Charu Shekhawat, Vikash Kumar Sonkar and Rajesh Meena	1560	1566
216	RESPONSE OF INTERCROPPING PATTERNS AND WEED MANAGEMENT UNDER CHICKPEA + CORIANDER ( <i>CORIANDRUM SATIVUM</i> ) INTERCROPPING SYSTEM: YIELD AND ECONOMIC ANALYSIS	Apurba Baruah, Kaushal Kishor, Bipuljee, Bharati Upadhaya, Dharminder and Hrishikesh Nath	1567	1573
217	MICROENCAPSULATION OF ROSELLE ( <i>HIBISCUS SABDARIFFA</i> L.) THROUGH SPRAY DRYING	Pushpa K. C., Manjula Karadiguddi, Kirankumar Gorabal, J. S. Hiremath and R.T. Patil	1574	1578
218	EFFECT OF LEVELS OF YEAST AND SUGAR CONCENTRATIONS ON ETHANOL PRODUCTION AND BIO-CHEMICAL CHANGES OF HIBISCUS FLOWERS WINE	R.B. Bodare, S.R. Dalal, N.S. Gupta, A.D. Warade, Anupama Nasane and Jadhav Amol	1579	1583
219	DUS CHARACTERIZATION OF IGKV RELEASED VARIETIES OF LINSEED ( <i>LINUM USITATISSIMUM</i> L.)	Karabi Biswas, Jhanendra Kumar Patel and Nandan Mehta	1584	1593
220	THE IMPACT OF PRE-HARVEST POTASSIUM CHLORIDE SPRAY TO MITIGATE MANGO STEM END ROT	Dipali D. Hirani, D.H. Tandel, Rahul L. Joshi, Jeslin Jose and Kishan R. Bhandari	1594	1598
221	EFFECT OF SELECTION RESPONSE FOR YIELD RELATED TRAITS IN EARLY GENERATION OF FABA BEAN ( <i>VICIA FABA</i> L.)	Anjali Kumari Jha, Ashish Ranjan, Anuj Kumar Choudhary, Ajay Bhardwaj, Raj Bhawan Verma and Abhishek Kumar	1599	1605
222	AGRO TEXTILES FOR CROP MANAGEMENT: A REVIEW	Sirisha Deepthi Sornapudi and Pushpalatha Kyatam	1606	1612
223	EFFECT OF DIFFERENT WEED MANAGEMENT MEASURES ON WEED POPULATION, CROP YIELD AND PRODUCTION ECONOMICS OF COMMON BREAD WHEAT ( <i>TRITICUM AESTIVUM</i> L.) GROWN IN NEW ALLUVIAL ZONE OF WEST BENGAL INDIA	Amrita Sarkar, Avimanyu Palit and Bikas Mandal	1613	1626
224	ENHANCING KINNOW MANDARIN GROWTH AND YIELD WITH TARGETED FOLIAR NUTRIENT TREATMENTS	Luxmi, G.S. Rana and Sakshi	1627	1633
225	STORAGE STUDIES ON GLADIOLUS CORMS	A.A. Tikait, N.S. Gupta, N.G. Rathod, Manisha Deshmukh and Sanjivani Wankhade	1634	1642

S. No.	TITLE	AUTHOR	PAGE NO.	
226	STUDY ON CHEMICAL WEED MANAGEMENT PRACTICES AND ITS IMPACT ON CROP GROWTH AND BIOACTIVE COMPOUNDS OF INDIAN PENNYWORT ( <i>CENTELLA ASIATICA</i> L.)	Sushma, N., Ravi, C.S., Bhoomika, H.R., Naveen, N.E. and Rohini, M.R.	1643	1650
227	STUDIES ON GENETIC PARAMETERS FOR YIELD AND YIELD ATTRIBUTING TRAITS IN RICE ( <i>ORYZA SATIVA</i> L.)	Deepak Saran, Deepak Gauraha, Shridhar Ragi, Abhinav Sao and Abhishek G.J.	1651	1657
228	GROWTH PATTERNS OF MILLET PRODUCTION IN KARNATAKA : A STATISTICAL APPROACH	Manasa H.A., Ashalatha K.V., Vasantha Kumari J., Sarojani. J. Karakannavar, Nagappa B. Govanakoppa and Megha J.	1658	1669
229	ASSESSMENTS OF GENETIC VARIABILITY, CORRELATION AND PATH ANALYSIS FOR YIELD AND YIELD ATTRIBUTING TRAITS IN RICE ( <i>ORYZA SATIVA</i> L.) GENOTYPES FOR GRAIN YIELD UNDER IRRIGATED CONDITION	Sujit, Ritu R. Saxena and Neha Belsariya	1670	1675
230	PRINCIPAL COMPONENT ANALYSIS AND COMBINING ABILITY STUDIES IN BITTER GOURD ( <i>MOMORDICA CHARANTIA</i> L.)	Vidya, Vijayakumar Rathod, Renuka B. Hirekurubar, Vilas D. Gasti and Dileep Kumar A. Masuthi	1676	1683
231	EFFECT OF WATER-SOLUBLE FERTILIZERS AND BIO STIMULANTS ON GROWTH AND YIELD OF POLE BEAN ( <i>PHASEOLUS VULGARIS</i> L.) UNDER PROTECTED CONDITION	Kavya K.A., Srinivasa V., Umamaheswarappa P., Narayana S. Mavarkar and Ravi C.S.	1684	1688
232	CHARACTER ASSOCIATION AND PATH ANALYSIS STUDIES IN OKRA ( <i>ABELMOSCHUS ESCULENTUS</i> L. MOENCH)	Manjunatha M., Umamaheswarappa P., Devaraju, Narayana S. Mavarkar, Shashikala S. Kolakar and Srinivasa V.	1689	1693
233	VARIABILITY ANALYSIS, HERITABILITY, GENETIC ADVANCE AND CORRELATION AMONG 30 ELITE GENOTYPES OF CHICKPEA ( <i>CICER ARIETINUM</i> L.)	Mucherla Karthik Kumar, Shama Parveen, Vedant Sachan, Sudheer K. Pathak	1694	1699
234	STABILITY AND GENETIC VARIABILITY STUDIES OF F <sub>6</sub> GENERATION IN OKRA ( <i>ABELMOSCHUS ESCULENTUS</i> L. MOENCH.)	S.S. Valvate, V. S. Khandare, D.R. Jadhao and S.D. Jadhao	1700	1720
235	INFLUENCE OF AM FUNGI ON BIOMASS AND ROOT GROWTH IN CUSTARD APPLE ( <i>ANNONA SQUAMOSA</i> L.) SEEDLINGS	N.V.S. Supriya, M. Madhavi, P. Vinaya Kumar Reddy, P. Subbaramamma and P. Rama Devi	1721	1725
236	ASSESSMENT OF GENETIC DIVERSITY OF COCCINIA ( <i>COCCINIA GRANDIS</i> L.) GENOTYPES USING MORPHOLOGICAL TRAITS	Boddu Vamsi, K. Usha Kumari, A.V.D. Dorajee Rao, T.S.K.K. Kiran Patro, M. Paratpara Rao, P. Sunitha and V. Sekhar	1726	1734
237	COMPARATIVE EFFICACY OF BIO-CONTROL ANTAGONISTICS AGAINST <i>FUSARIUM OXYSPORUM</i> F.SP. <i>RADICIS-CUCUMERINUM</i> INCITING ROOT AND STEM ROT DISEASE OF CUCUMBER ( <i>CUCUMIS SATIVUS</i> L.) UNDER <i>IN VITRO</i> CONDITION	Suresh Kumar, N.L. Meena, Pokhar Rawal, Amit Trivedi, Virendra Singh and Karan Singh	1735	1741
238	INFLUENCE OF TILLAGE PRACTICES AND MULCH APPLICATION ON WHEAT GROWTH AND YIELD	Gugulothu Sumitra, Rajkumara S. and Kumar D. Lamani	1742	1748
239	GENETIC FIDELITY ASSESSMENT OF <i>OPERCULINA TURPETHUM</i> (L.) SILVA MANSO: A THREATENED MEDICINAL PLANT OF SOUTH INDIA	Rajeshwari S. Durgad, Rajasekharan P.E., Laxmi Mastiholi and Mahendra Belagumpi	1749	1753
240	CORRELATION ANALYSIS ON GROWTH & YIELD ATTRIBUTES IN GARDEN PEA ( <i>PISUM SATIVUM VAR HORTENSE</i> L.) VARIETIES	P. Anitha, Gopinath, G. and B. G. Hanumantharaya	1754	1758
241	IMPACT OF VARIOUS NUTRIENT SUBSTANCES THROUGH FOLIAR SPRAY ON GROWTH AND REPRODUCTIVE ATTRIBUTES IN MANGO ( <i>MANGIFERA INDICA</i> L.) CV. MALLIKA	Kavyashree P., Nataraja K.H., Yallesh Kumar H.S., Manjula Karadiguddi, Sachinkumar T. Nandimath, Anil I. Sabarad and Sateesh Pattepur,	1759	1764
242	CLASSIFICATION OF RICE, COTTON, AND MAIZE CROPS IN NAGARKURNOOL DISTRICT OF TELANGANA STATE USING MULTI-TEMPORAL SENTINEL-1A SYNTHETIC APERTURE RADAR DATA AND MACHINE LEARNING TECHNIQUES	Lakshman Bharothu, T. L. Neelima, A. V. Ramanjaneyulu, T. Ramprakash and P. Srikanth	1765	1773
243	EVALUATING THE EFFECTS OF NODE-SPECIFIC PINCHING ON FLOWERING AND YIELD CHARACTERISTICS OF BOTTLE GOURD ( <i>LAGENARIA SICERARIA</i> ) IN A SUBTROPICAL CLIMATE	Vibhootee Garg, B.P. Bisen, Simran Choudhary, Akhilesh Tiwari and Vedant Gautam	1774	1784
244	EVALUATION OF <i>ARISTOLOCHIA ASSAMICA</i> D. BORAH & T.V. DO; A NOVEL BIORESOURCE OF NORTH EAST INDIA AS RESERVOIR OF SECONDARY METABOLITES AND ANTIOXIDANT POTENTIALITIES	Punam Jyoti Borah and Ruma Sarma	1785	1790
245	EFFECT OF SPACING ON GROWTH AND YIELD OF DAISY ( <i>ASTER AMELLUS</i> L.)	Sanjivani Wankhade, N.S. Gupta, Manisha Deshmukh, N.G. Rathod and	1791	1796

S. No.	TITLE	AUTHOR	PAGE NO.	
		A.A. Tikait		
246	EVALUATION OF ASIATIC LILY ( <i>LILIUM SP.</i> ) VARIETIES UNDER SHADE NET IN AGROCLIMATIC CONDITION IN BANDA DISTRICT OF BUNDELKHAND REGIONS	Ashish Pratap Singh, Amit Kanawjia, Ajay Kumar Singh, Ajay Kumar, Rakhi Singh, Aayushi Yadav, Rohit Mishra and Neetesh Kumar	1797	1803
247	AN ANALYSIS BASED STUDY OF AIR QUALITY INDEX AND PARTICULATE MATTER OVER DELHI REGION OF INDIA	Than Singh, Dev Gahlot and Rimmi Singh	1804	1809
248	EFFECT OF PLANT EXTRACTS ON ROOT AND SHOOT DEVELOPMENT OF FIG ( <i>FICUS CARICA</i> ) CUTTINGS IN CV. POONA	Pratiksha, Anil I. Sabarad, Mohana Kumara P., Nataraja K.H., Kirankumar Gorabal and Yallesh Kumar H.S.	1810	1822
249	INFLUENCE OF FOLIAR APPLICATION OF GROWTH STIMULANTS AND MICRONUTRIENTS ON NUTRIENT STATUS, PEST AND DISEASE INCIDENCE AND ECONOMICS IN INDIAN PENNYWORT ( <i>CENTELLA ASIATICA</i> L.)	Arya Sivadas, Ravi C. S., Bhoomika H. R., Naveen N. E. and Girish R.	1823	1829
250	EVALUATION OF ORNAMENTAL BANANA ACCESSIONS FOR VEGETATIVE PERFORMANCE UNDER GODAVARI ZONE OF ANDHRA PRADESH INDIA	D. Baby Sri Divya, T. Padmalatha, A.V.D. Dorajee Rao, P. Subbaramamma and V. Shekhar	1830	1837
251	BIOGAS SLURRY AS FERTILIZER: A BRIEF REVIEW	Megha Vishwakarma, Rajul Soni, Indra Raj Yadav and Hradesh Patel	1838	1846
252	FIELD PARASITISATION RATE OF LARVAL AND PUPAL PARASITOIDS OF DIAMONDBACK MOTH AVAILABLE AT SABOUR BIHAR INDIA	Ankit Anand, Ali Assaba Mohammed Shafi, Nawazish Ahmad and Shriya Singh	1847	1851
253	EFFECT OF INTEGRATED WEED MANAGEMENT PRACTICES ON PRODUCTION AND PRODUCTIVITY OF WHEAT ( <i>TRITICUM AESTIVUM</i> L.) IN CENTRAL PLAIN ZONE OF UTTAR PRADESH INDIA	Shivam Vihan, V.K. Verma, M.Z. Siddique, Parshuram and Nikhil Gupta	1852	1857
254	EFFECT OF BIO-FERTILIZERS AND INORGANIC MANURES ON VEGETATIVE PARAMETER OF CHINA ASTER ( <i>CALLISTEPHUS CHINENSIS</i> L. NEES) CV. KAMINI	Nileema Pandey, G.P. Nag and Akhileshwar Sahu	1858	1862
255	OPTIMIZING PLANTING TIME AND BIOINOCULANT USE FOR ENHANCED DEHYDROGENASE ACTIVITY IN RHIZOSPHERIC SOIL OF GLADIOLUS CV WHITE PROSPERITY	Divya, Arvind Malik, Neha and Raveena	1863	1868
256	IMPACTS OF WASTEWATER IRRIGATION ON SOIL PROPERTIES	Sangya Singh, Y.M. Sharma, G.S. Tagore, Vishakha Rai and Sunil Upadhyay	1869	1880
257	ENHANCEMENT OF FLOWERING, FRUIT SET AND NUT YIELD OF CASHEW ( <i>ANACARDIUM OCCIDENTALE</i> L.) BY FOLIAR APPLICATION OF NUTRIENTS AT COASTAL ZONE OF KARNATAKA INDIA	Ranjan, D.N., Raviraja Shetty G., Ravi, C.S., Shivaprasad, M. and Jayaprakash, S.M.	1881	1886
258	WEED DYNAMICS AND YIELD OF CHICKPEA ( <i>CICER ARIETINUM</i> L.) AS INFLUENCED BY HERBICIDES	Bhawna Bhagat, R.P. Manjhi, Meeta Kumari, Chitrotpala Dehury, Kundan Kum and Deepika Kiro	1887	1892
259	EFFECT OF DIFFERENT GROWING MEDIA ON SHOOT DEVELOPMENT OF DRAGON FRUIT CUTTINGS ( <i>HYLOCEREUS UNDATUS</i> L. HAWORTH BRITTON & ROSE)	Rishabh Singh, R.S. Verma, S.S. Verma, Saurabh Verma and Bipin Kumar	1893	1897
260	PHENOTYPIC SCREENING AND MOLECULAR CHARACTERISATION OF ADVANCED BREEDING LINES FOR INTROGRESSION OF BLAST RESISTANT GENES IN RICE ( <i>ORYZA SATIVA</i> L.)	V. Srujana, M. Balram, B. Srinivas, B. Laxmi Prasanna, N. Balram, P. Gonya Nayak, P. Madukar and K. Suryam	1898	1904
261	STUDY ON SPECIFIC LEAF WEIGHT, LEAF TO PLANT WEIGHT RATIO AND HARVEST INDEX OF TUBEROSE CV. 'PRAJWAL' AS AFFECTED BY APPLICATION OF DIFFERENT ESSENTIAL HEAVY METALS	L. Gowthami and V. Vijaya Bhaskar	1905	1909
262	ASSESSMENT OF HETEROSIS AND COMBINING ABILITY FOR YIELD AND YIELD CONTRIBUTING TRAITS IN TOMATO GENOTYPES UNDER MID-HILL CONDITIONS	Sheetal Rana, Satish Chandra Pant, Avantika Devrani, Imamuddin Shah and Priyanka Panwar	1910	1917
263	POPULATION DYNAMICS OF MUSTARD APHID, <i>LIPAPHIS ERYSIMI</i> (KALT.) IN RELATION TO ABIOTIC STRESSORS	Sachin Sharma, Hem Singh, Mange Ram and Shubham Srivastav	1918	1922
264	MORPHOLOGICAL CHARACTERIZATION OF LONGAN ( <i>DIMOCARPOUS LONGAN</i> LOUR.) GENOTYPES BASED ON QUALITATIVE CHARACTERISTICS	Ajay Kumar, A.K. Gupta, and Neeharika Kanth	1923	1929
265	GENETIC ENGINEERING AND CRISPR (CLUSTERED REGULARLY INTERSPACED SHORT PALINDROMIC REPEATS) IN HORTICULTURE: A REVIEW	Shubham Jain, Gopa Mishra, Deepak Singh, Ravi Pratap Singh, Rimpika, Veersain, Ajay Singh and Vivek Kumar	1930	1940

S. No.	TITLE	AUTHOR	PAGE NO.	
266	ESTIMATION OF GENETIC VARIABILITY, CORRELATION COEFFICIENT ANALYSIS AND PATH COEFFICIENT ANALYSIS FOR YIELD AND ITS CONTRIBUTING TRAITS IN GENOTYPES OF LINSEED ( <i>LINUM USITATISSIMUM</i> L.)	Deepika Sahu, Nandan Mehta, Vageeshvari and Gyanisha Nayak	1941	1946
267	APPLICATION OF MODERN TECHNIQUES IN CULTIVATION OF MEDICINAL PLANTS: A REVIEW	Preeti Singh, Swarajya Laxmi Nayak, Rohan Sharkar, Ayan Sarkar, Suman Dutta and Debashis Paul	1947	1962
268	INFLUENCE OF POLLINATORS (EUROPEAN AND INDIAN HONEYBEES) ON NIGER, <i>GUIZOTIA ABYSSINICA</i> PRODUCTIVITY	Ramesh Naik N., Suryanarayana L., Sandeep Naik B. N., Venkataramana P., Babuji Naidu K. and Rama Rao G.	1963	1966
269	EVALUATING QUALITY OF VARIOUS REFINED VEGETABLE OILS DURING STORAGE	Shivangi Bishnoi, Nisha Kumari, Ram Avtar, Sushil Ahlawat and Bharti Jain	1967	1974
270	EXTRACTION AND CHARACTERIZATION OF CELLULOSIC FIBRE FROM THE STEM OF <i>HIBISCUS SURATTENSIS</i>	Yamuna M.S. and Thara K. Simon	1975	1980
271	INFLUENCE OF SULPHUR AND ZINC FERTILIZATION ON GROWTH AND YIELD OF INDIAN MUSTARD ( <i>BRASSICA JUNCEA</i> L.) IN A VERTISOL	Vishakha Rai, H. K. Rai, A. K. Upadhyay and Prinsu Singh	1981	1987
272	ESTIMATING ABOVE-GROUND BIOMASS OF AGROFORESTRY TREE SPECIES IN BHADADRI KOTHAGUDEM DISTRICT, TELANGANA, INDIA, USING SENTINEL-2 SATELLITE DATA	Swarna Kolichalam, A. V. Ramanjaneyulu, T.L. Neelima and T. Chaitanya	1988	1994
273	EFFECT OF PRE AND POST EMERGENCE HERBICIDES ON HERBICIDE EFFICIENCY INDEX, PRODUCTIVITY AND ECONOMIC EFFICIENCY IN TRANSPLANTED RICE	V. Rajendra Prasath and S. Ramesh	1995	2000
274	MOLECULAR CHARACTERIZATION OF <i>CUCUMBER MOSAIC VIRUS</i> ASSOCIATED WITH CHILLI IN KOSHI REGION OF BIHAR INDIA	Abhishek Kumar, Mahesh Kumar, Md. Shamim, Kahkashan Arzoo, Santosh Kumar and Anil Kumar	2001	2005
275	EFFECT OF DIFFERENT CASING THICKNESS AND CASING MATERIAL ON YIELD AND YIELD ATTRIBUTING CHARACTERISTICS OF WHITE BUTTON MUSHROOM ( <i>A. BISPORUS</i> )	Bhagshali Patle, H. K. Singh and Gopinath V.	2006	2011
276	STUDIES ON EFFECT OF DENSITY PRUNING AND APPLICATION OF PACLOBUTRAZOL ON VEGETATIVE GROWTH AND FLOWERING OF MANGO ( <i>MANGIFERA INDICA</i> L.) CV. KESAR	Y.P. Petkule, G.M. Waghmare, S.B. Pavhane, K.P. Patro and P.S. Bhagiya	2012	2018
277	EFFECT OF DIFFERENT PLANT SPACING AND TIME OF PINCHING ON YIELD OF CHRYSANTHEMUM ( <i>CHRYSANTHEMUM MORIFOLIUM</i> L.) CV. RATLAM SELECTION	Shraddha V. Kathad, M.M. Masu, A.B. Parmar and Jyotiraditya Solanki	2019	2022
278	GENETIC VARIABILITY AND HERITABILITY IN GLADIOLUS ( <i>GLADIOLUS GRANDIFLORA</i> L.) FOR YIELD TRAITS	Apoorva Guddaraddi, N.S. Gupta, P.K. Nagre, Manisha Deshmukh and N.G. Rathod	2023	2028
279	ASSESSMENT OF GENETIC VARIABILITY, HERITABILITY AND GENETIC ADVANCE IN RIDGE GOURD ( <i>LUFFA ACUTANGULA</i> L. ROXB.) GENOTYPES	Amulya H T, Yashavantakumar K. H., H. P. Hadimani, Rekha Bheemappa Chittapur and Vijay Kumar V.	2029	2033
280	GENETIC DIVERSITY STUDIES IN RIDGE GOURD [ <i>LUFFA ACUTANGULA</i> (L.) ROXB.] GENOTYPES	Amulya H. T., Yashavantakumar K. H., H. P. Hadimani, Rekha Bheemappa Chittapur and Shivayogi Y. Ryavalad	2034	2038
281	LAND RESOURCE INVENTORY, PRIORITIZATION OF MICRO-WATERSHED FOR SOIL, WATER AND LAND USE IN NORTHERN DRY ZONE OF VIJAYAPURA DISTRICT OF KARNATAKA BY USING GIS TECHNIQUES	Biradar I.B., Sanjeevraddi G. Reddi., Mulla S.R., Sangamesh Gollagi., Kavya D., Tuppad G. B., Ruxanabi Naragund and MaheswarappaH. P.	2039	2046
282	IMPACT OF FEEDING SILKWORM <i>BOMBYX MORI</i> L. (LEPIDOPTERA-BOMBYCIDAE) WITH MULBERRY LEAVES BIOFORTIFIED WITH DYES ON THE SILK FIBER PARAMETERS	Rubia Bukhari, Azad Gull, Mukhtar Ahmed and Arti Sharma	2047	2053
283	IMPACT OF SRI ON FARMING OUTCOMES: OPPORTUNITIES AND CONSTRAINTS OF FARMERS IN ODISHA INDIA	Soumya Ranjan Behera, Souvik Ghosh, Esakkimuthu M., Rayirala Rakesh, Harihara Tripathy and Simadri Rajasri	2054	2061
284	EMERGENCE OF MOLECULAR MARKER FROM RFLP TO SNP: A REVIEW	Rajdeep Jajoriya, Ritu Sharma, Vijay Kumar Meena, Amool Singh Vadithya, Khushwant Singh, Prakash Kumar, Saurabh Meemrot and Tejendra Singh Nathawat	2062	2074
285	SUSTAINABLE SOILLESS CULTIVATION PRACTICES FOR FLOWER CROPS: CURRENT INSIGHTS AND FUTURE DIRECTIONS	Keerthivasan R. and M. Ganga	2075	2087

S. No.	TITLE	AUTHOR	PAGE NO.	
286	PHYTOCHEMICAL PROFILING OF <i>MACROTYLOMA UNIFLORUM</i> SEEDS : A COMPARATIVE SOLVENT EXTRACTION STUDY BY GCMS ANALYSIS	M. Bhuvana, K. Vijayarani, S. Ramesh, A. Mangala Gowri and P. S. L. Sesh	2088	2095
287	BIOCHEMICAL CHARACTERIZATION STUDIES IN NUTMEG ( <i>MYRISTICA FRAGRANS</i> HOUTT.) ECOTYPES	Rajath Gowda K.S., Bhoomika H.R., Nagaraja N.R., Bharath Kumar T.P. and Akshitha H.J.	2096	2101
288	INFLUENCE OF PACKAGING MATERIALS ON THE SHELF LIFE AND QUALITY OF DRIED GINGER RHIZOMES	Varshini N.V., Bhoomika H.R., Kantharaj Y., Ravi C.S. and Akshitha H.J.	2102	2107
289	EFFECT OF BIO-AGENTS ON ANTHRACNOSE DISEASE [ <i>COLLETOTRICHUM CAPSICI</i> (SYD.) BUTLER AND BISBY] OF CHILLI ( <i>CAPSIUM ANNUUM</i> L.)	Dhiraj Kumar, Sunil Zacharia, Anand Nagsen Warghat, Shubham Singh and Atul Suresh Bawane	2108	2115
290	INFLUENCE OF ORGANIC MANURE AND PGPRS ON THE QUALITY ATTRIBUTES OF POMEGRANATE CV. BHAGWA	T. Sushmitha, R. Sridhar, B.S. Shivakumar, D. Ravi Kumar and D.A. Sumana	2116	2123
291	FIELD EVALUATION OF FUNGICIDES AND BIO-PRODUCTS FOR MANAGEMENT OF <i>FUSARIUM</i> WILT IN CHILLI ( <i>CAPSIUM ANNUM</i> L.)	Madhaiyan Sakthivel, Ranjan Nath, Marimuthu Elangovan, Senthilkumar S. and Anithaa V.	2124	2132
292	TOXICITY OF NEW MOLECULES AGAINST AMERICAN BOLLWORM, <i>HELICOVERPA ARMIGERA</i> IN COTTON	Poornima Viroopax Matti, Poornima M. Holeyannavar, Siddharuda. B. Patil and Rishi Kumar	2133	2139
293	EFFECT OF FOLIAR SPRAY OF MICRO-NUTRIENT ON GROWTH AND YIELD OF KNOL-KHOL ( <i>BRASSICA OLERACEAE</i> L. VAR GONGLYODIES)	Neelam Kumari, Anoop Yadav, Pradumn Kumar Mourya and Saurabh Singh	2140	2146
294	APPLICATIONS OF NANOTECHNOLOGY IN AGRICULTURE AND HEALTH CARE: A REVIEW	Ridhima Arya, Neha Negi, Jag Mohan, Bharti Gautam, Babita Bharti and Anil Kumar Sharma	2147	2154
295	EFFECT OF FOLIAR SPRAY OF MICRO-NUTRIENTS ON GROWTH AND QUALITY YIELD OF CAULIFLOWER ( <i>BRASSICA OLERACEA</i> VAR. <i>BOTRYTIS</i> L.) CV PSB K-1	Shivam Kumar, Vishwa Nath and Anuradha Singh	2155	2158
296	COMBINED EFFECT OF FERTILIZERS AND DIATOMACEOUS EARTH ON YIELD AND YIELD ATTRIBUTES OF MAIZE IN TYPIC HAPLUSTEPTES	Seema Pooniyan, K.K. Yadav, Mali Ram Nehra, Tushar and Neha Meena	2159	2163
297	EFFECT OF NANO-DAP ON QUALITY, CONTENT AND UPTAKE OF BLACK GRAM ( <i>VIGNA MUNGO</i> L.) IN INCEPTISOL	Shete A. D., Adsul P. B., Shaikh S.N. and Bobade J. R.	2164	2171
298	RESILIENCE AND RESPONSE STRATEGIES OF PLANTS TO ABIOTIC STRESS : A REVIEW	Debasmita Nath, Dimpri Dutta, Pratishruti Behera, Kishor Jyoti Bhuyan, Barnamala Kalita and Charmon Kerri Bey	2172	2178
299	IMPACT OF VARIOUS BIOSTIMULANTS ON GROWTH, YIELD AND QUALITY OF BUTTER BEAN ( <i>PHASEOLUS LUNATUS</i> L.) CULTIVAR KKL 1 IN POLYHOUSE CONDITIONS	M. Vignesh, C. Ravindran, S. Kumar, K. Kalpana, L. Srimathi Priya, K. Sundharaiya, K. Nageswari, T. L. Preethi and R. Manivannan	2179	2186
300	OVERVIEW OF RESEARCH AND DEVELOPMENT IN BEANS ( <i>PHASEOLUS SP.</i> ): A REVIEW	M. Vignesh, C. Ravindran, S. Kumar, K. Kalpana, L. Srimathi Priya, K. Sundharaiya, K. Nageswari, T. L. Preethi and R. Manivannan	2187	2200
301	GENETIC VARIABILITY AND HERITABILITY STUDIES IN SNAP MELON ( <i>CUCUMIS MELO</i> VAR. <i>MOMORDICA</i> ) FOR YIELD AND QUALITY TRAITS	Anand D. Jadhav, Jaiprakash Narayan, R.P., Palthe Vasudev Naik, Ravi P. and Hanumanthappa Shrihari	2201	2205
302	EFFECT OF FOLIAR APPLICATION OF DIFFERENT SOURCES OF POTASSIUM AND CALCIUM ON QUALITY OF GRAPE CV. THOMPSON SEEDLESS	Mahendra B. Hittalamani, S. N. Patil, Sateesh Vasudev Pattepur, Bhuvaneshwari G., Satyanarayana C., Siddanna Thoke and Basavaraj Padashetti	2206	2210
303	EFFECT OF BUNCH LOAD AND FOLIAR APPLICATION OF MICRONUTRIENTS ON QUALITY OF GRAPES CV. THOMPSON SEEDLESS	Santoshkumar S.N. Patil, Sateesh Vasudev Pattepur, Bhuvaneshwari G., Satyanarayana C., Siddanna Thoke and Basavaraj Padashetti	2211	2215
304	EFFECTIVENESS OF MICROBIAL CONSORTIA IN MANAGEMENT OF WILT DISEASE AND YIELD MAXIMIZATION IN TOMATO ( <i>SOLANUM LYCOPERSICUM</i> L.)	Shashank Shekhar Singh, R.K. Singh and J.K. Singh	2216	2221
305	SEASONAL ABUNDANCE AND NATURAL PARASITIZATION OF GALL FLY ( <i>TRIOZA FLETCHERI</i> MINOR CRAWFORD) ON ARJUNA PLANTATION IN SEEMANCHAL REGION OF BIHAR INDIA	Monu Ram, Kalmesh Managanvi, Snehel Chakravarty, Sankarganesh E., Sagarika Bhowmik and Swaraj Kumar Dutta	2222	2228
306	STUDIES OF LIFE TABLE ON FALL ARMYWORM ( <i>SPODOPTERA FRUGIPERDA</i> J.E. SMITH)	Mrutyunjay V. Matti, Channabasappa P. Mallapur, Dheemanna N. Kambrekar and Anandmurthy T.	2229	2235

S. No.	TITLE	AUTHOR	PAGE NO.	
307	EFFECT OF INTEGRATED NUTRIENT MODULES ON PRODUCTIVITY AND PROFITABILITY OF MUSTARD	Rohit Meena, Akashdeep Singh, Rakesh Kumar, Deepak Sharma, Vikash Choudhary and Garima Chauhan	2236	2240
308	STUDIES ON THE NITROGEN MANAGEMENT THROUGH ORGANIC AND INORGANIC SOURCE OF NUTRIENT ON GROWTH AND PRODUCTIVITY OF LATE SOWN WHEAT ( <i>TRITICUM AESTIVUM</i> L.)	Parshuram, D.D. Yadav, M.Z. Siddique, Shivam Vihan and Nikhil Gupta	2241	2246
309	A PREVALENT ANALYSIS ON CHANGING FARMING PATTERNS: FOR JAGRAON BLOCK, DISTRICT LUDHIANA PUNJAB, INDIA	Anupreet Kaur and Jaidave Prasad Sharma	2247	2253
310	EVALUATION OF EFFECTIVE DOSAGE OF FENAZAQUIN 200 SC ACARICIDE AGAINST TWO SPOTTED SPIDER MITE IN TOMATO	Rohini Sugandi, Kolli Bharghavi and Shailla H.M.	2254	2258
311	BIOEFFICACY OF A NEW DIAMIDE MOLECULE, TETRANILIPROLE 200 SC AGAINST <i>CHILO PARTELLUS</i> IN MAIZE	Rohini Sugandi, Kolli Bharghavi and Shailla H.M.	2259	2263
312	MAXIMIZING WATERMELON ( <i>CITRULLUS LANATUS</i> THUNB.) GROWTH, YIELD AND QUALITY THROUGH SYNERGISTIC USE OF BIOFERTILIZERS AND INORGANIC NUTRIENTS	Nethra Jagarlamudi, M. Chandra Surya Rao, G.S.V. Lakshmi, Thriveni, I. Venkatesh and V. Sekhar	2264	2274
313	EFFECT OF ORGANIC NUTRIENT MANAGEMENT ON NUTRIENT UPTAKE BY CROP, NUTRIENT DEPLETION BY WEEDS AND ECONOMICS OF RAPESEED	Sonam Lhamu, Akash Paul, Anasuya Boruah, Yirmeila V. Zimik, Mayank Kumar and Hibu Sonia	2275	2280
314	HETEROSIS AND GENE ACTION STUDIES IN BT COTTON (BG I) ( <i>GOSSYPIUM HIRSUTUM</i> L.)	Bhaarat Sharma, K.S. Baig, S.S. Deshmukh and G. Praveenkumar	2281	2292
315	ASSESSMENT OF TRANSGRESSIVE SEGREGANTS FOR YIELD AND YIELD ATTRIBUTING TRAITS IN MUNG BEAN ( <i>VIGNA RADIATA</i> (L.) R. WILCZEK) IN F <sub>3</sub> GENERATION	Rupnarayan Sharma and Deepak Gupta	2293	2299
316	GENOTYPE X ENVIRONMENT INTERACTION ANALYSIS FOR FIBER QUALITY, SEED COTTON YIELD AND IT'S CONTRIBUTING TRAITS IN BT BGII COTTON ( <i>GOSSPIUM HIRSUTUM</i> L.)	Smita Deshmukh, K.S. Baig, H.V. Kalpande, V.N. Chinchane, A.R. Gaikwad and B.V. Bhede	2300	2309
317	IDENTIFICATION OF RESISTANCE SOURCE AGAINST POD BORER COMPLEX IN PIGEONPEA ( <i>CAJANUS CAJAN</i> L. MILL SP.) UNDER MULTIPLE ENVIRONMENTS OF RAINFED CONDITION	Mayuri Sahu, Gautam Kumar Jatav, Vikas Singh, Nirmodh Prabha and R.R. Kanwar	2310	2312
318	COMBINING ABILITY ANALYSIS IN PEARL MILLET ( <i>PENNISETUM GLAUCUM</i> L. R. BR.)	Pratiksha R. Pipariya, D. L. Sundesha and Disha R. Patel	2313	2317
319	<i>IN VITRO</i> EFFICACY OF NATURAL COMPONENTS AND MANAGEMENT OF SUGARCANE WILT DISEASE CAUSED BY <i>FUSARIUM SACCHARI</i>	Piyush Kumar, Md. Minnatullah, C. S. Choudhary, Vinita Yadav, Sulagna Sahoo, Sahil Kumar and Harshita Yadav	2318	2325
320	IDENTIFICATION OF PROMISING TRANSGRESSIVE SEGREGATION IN CHICK PEA ( <i>CICER ARIETINUM</i> L.)	Snehal R. Chaudhari, Ankita P. Kamble, N. S. Kute and J. N. Parmar	2326	2331
321	VARIABILITY AMONG FLORAL TRAITS AND POLLEN RECOVERY IN COCONUT ( <i>COCOS NUCIFERA</i> L.) VARIETIES UNDER ASSAM CONDITIONS OF NORTH EAST REGION OF INDIA	L.S. Singh, V. Niral, Ajay Kumar Karna, Vijayakumar Eswaramoorthy and G. C. Acharya	2332	2340
322	STUDY ON QUALITATIVE, QUALITY AND DNA FINGER PRINTING PROFILE OF IDENTIFIED BLACK PEPPER GERMPASM UNDER LOWER BRAHMAPUTRA VALLEY ZONE OF ASSAM CONDITIONS OF NORTH EAST REGION, INDIA	L. S. Singh, Vijayakumar Eswaramoorthy, V. Niral, T. E. Sheeja, M.S. Shivakumar, Satyaprakash Barik, Anok Uchoi, Alpana Das, M. Chaithra and G. C. Acharya	2341	2349
323	ANALYSIS OF CORRELATION BETWEEN PHYSICAL, NUTRITIONAL, AND ANTINUTRITIONAL COMPONENTS IN MUNGBEAN GENOTYPES	Shrikrishna B. Narale, Dilipkumar P. Kachare, Pavan R. Thombre, Vishnu B. Gore, Anil A. Kale, Prakash. K. Lokhande and Bharat. M. Bhalerao	2350	2366
324	MANAGEMENT OF <i>CERCOSPORA</i> LEAF SPOT IN OKRA THROUGH ORGANIC INPUTS	N.B. Pawar, Ranganathswamy Math, Arjunsinh Rathava, H.C. Patel, M.R. Dabhi and C.B. Varma	2367	2372
325	STABILITY ANALYSIS IN SUGARCANE ( <i>SACCHARUM OFFICINARUM</i> L.)	Repale J.M., Gawhane A.B and Kadlag A.D.	2373	2378
326	INFLUENCE OF PRE-HARVEST FOLIAR SPRAY OF CHEMICALS ON FRUIT QUALITY ATTRIBUTES AND STORAGE BEHAVIOR OF BER CV. APPLE KUL	Sayantana Mondal, Susmita Dey, Soustav Datta, Sarthak Bhattacharya, Supratim Sadhu, Amitava Mondal and Bikash Ghosh	2379	2387
327	MORPHO-PHYSIO CHARACTERS STUDY, BIOCHEMICAL AND CALYX GROWTH YIELD VARIATION OF ROSELLE ( <i>HIBISCUS SABDARRIFFA</i> L.)	Tejas K. Jadhav, Vilas R. Awari, Udaykumar S. Dalvi, Shrikrishna B. Narale, Suraj Gund and Vishnu B. Gore	2388	2398



S. No.	TITLE	AUTHOR	PAGE NO.	
328	INFLUENCE OF TILLAGE AND NUTRIENT MANAGEMENT PRACTICES ON YIELD AND YIELD ATTRIBUTES OF MAIZE ( <i>ZEA MAYS</i> L.)	Abhinav Yadav, Narendra Singh, Amit Kumar Singh, Deo Kumar, Sudhir Pal, Ved Prakash Pandey, Vedangi Awasthi and Praveen Kumar	2399	2407
329	MANAGING VERTEBRATE PESTS IN AGRICULTURE: CHALLENGES AND STRATEGIES FOR SUSTAINABLE FOOD STORAGE IN DEVELOPING COUNTRIES	Kishore S. M., Chaitanya B. Police Patil, P. Dyamanagouda, A. Krishnaveni, Lavanya S., Harideep and Manideep K. S. N.	2408	2413
330	THE IMPACT OF GIBERELIC ACID AND DIFFERENT DECAPITATION METHODS ON SEED YIELD OF BROCCOLI	Luna Barooah and Deepa Borbora Phookan	2414	2418
331	ASSESSMENT OF ROLE OF PLANT GROWTH PROMOTERS AND NEW HERBICIDE FORMULATION ON THE PERFORMANCE OF <i>KHARIF</i> HYBRID MAIZE ( <i>ZEA MAYS</i> L.)	Shravan Kumar Maurya, V. K. Verma, M.Z. Siddqui, Shikar Verma, Durgesh Kumar Maurya, Abhinav Yadav, Sudhir Pal and Krishna Kumar Patel	2419	2424
332	EFFECT OF FOLIAR APPLICATION OF PDKV GRADE II MICRONUTRIENTS ON YIELD, QUALITY AND ECONOMICS OF WATERMELON	Nikita S. Sharnagat, A.M. Sonkamble, S.O. Bawkar, Janabai Lahade and Achal Sharnagat	2425	2429
333	GENETIC VARIABILITY STUDIES IN KODO MILLET ( <i>PASPALUM SCROBICULATUM</i> )	Nireekshitha M.K., M.S. Kamble, P.N. Gajbhiye, S.J. Waghmare, O.N. Ragade and Wagh K.A.	2430	2435
334	GROWTH, YIELD AND ECONOMIC ANALYSIS OF SUGARCANE UNDER DIFFERENT PLANTING METHODS	G. Vijayalaxmi, G. S. Madhu Bindu and M. Vijay Kumar	2436	2440
335	TOMATO FRUIT BORER ( <i>HELICOVERPA ARMIGERA</i> ) A PEST OF COSMOPOLITAN IMPORTANCE: A REVIEW	Lalita Panwar, Lokender Kashyap, Suman Devi, Vikas Chauhan, Sumit Saini and Rakesh Kumar	2441	2459
336	IMPACT OF COMBINED ORGANIC AND INORGANICS ON NUTRIENTS UPTAKE AND ACHIEVING TARGETED RICE YIELD IN RICE BASED CROPPING SYSTEMS IN CALCAREOUS SOIL	S.D.R. Vajra Hyndavi, S.N. Suman, Vipin Kumar, Sanjay Kumar, Kaushal Kishor and A.P. Rakesh	2460	2467
337	PROTOCOL FOR DEVELOPMENT OF NUTRITIONALLY ENRICHED FRUIT BAR FROM KAMALAPUR RED BANANA	Chaitra, Manjula Karadiguddi, Kirankumar Gorabal, Kantharaju V. and Nataraja K. H.	2468	2474
338	ROOT GENERATION OF KARONDA ( <i>CARISSA CARANDAS</i> L.) CUTTINGS IN RESPONSE OF SUCROSE AND IBA	K.P. Patro, S. J. Shinde, Y.P. Petkule, U.R. Gavit and P.S. Bhagiya	2475	2479
339	GENETICAL STUDIES FOR SEED YIELD AND YIELD CONTRIBUTING CHARACTERS IN COWPEA ( <i>VIGNA UNGUICULATA</i> (L.) WALP)	P. J. Shedge, D. K. Patil, H. V. Kalpande, S. P. Mehtre, V. K. Gite and A. L. Dhamak	2480	2491
340	ADSORPTION OF CRYSTAL VIOLET DYE FROM WASTE WATER BY USING ORANGE PEEL ( <i>CITRUS SINENSIS</i> ) AS AN ECO-FRIENDLY ADSORBENT	Pallavi Pohankar, Yashi Sharma, A. Manikandanand D. Blaise	2492	2497
341	NANO UREA A STEP TOWARDS PRECISION AND SUSTAINABLE AGRICULTURE: A REVIEW	Reena Kumari, Rajeev Kumar, Aanchal Chauhan, Manju Devi, Geeta Verma, Shikha Bhagta and Manish Chauhan	2498	2503
342	STUDIES ON FLORAL BIOLOGY OF DIFFERENT CULTIVARS OF POMEGRANATE ( <i>PUNICA GRANATUM</i> L.) IN SEMI-ARID REGION OF BUNDELKHAND INDIA	Suraj S. Hanni, Pooja Murthy S. and R.K. Patel	2504	2509
343	ASSESSMENT OF AVAILABLE NITROGEN, INORGANIC NITROGEN FRACTIONS AND ENZYME ACTIVITY IN SOILS UNDER PREDOMINANT CROPPING SYSTEMS OF NORTHERN TELANGANA ZONE	K. Madhulatha, G. Venugopal and R. Sai Kumar	2510	2518
344	VARIATION IN MORPHOMETRIC TRAITS OF FRUITS AND SEEDS OF <i>MORUS ALBA</i> L.	Rahila Muzafar, M. Maqbool Rather, P.A. Khan, Ashfaq A. Mir, Megna Rashid and M. Iqbal Jeelani	2519	2524
345	ASSESSMENT OF LITTLE MILLET ( <i>PANICUM SUMATRENSE</i> L.) GERMPLEASMS FOR MORPHOPHYSIOLOGICAL AND DUS CHARACTERS	Vaibhav M. Thombare, Yogesh G. Ban, Udaykumar S. Dalvi, Shubham A. Raut and Dnyaneshwar P. Shinde.	2525	2530
346	INNOVATIVE APPROACHES TO OPTIMIZE TEA WASTE FOR SUSTAINABLE PRODUCT DEVELOPMENT	Rana Pratap Bhuyan, Rashmi Kalita, Reshma Ahmed, Biswarup Bora, Nabajeet Tanti, Dhananjay Kumar, Supriya Sonowal, Eimon Bharadwaj, Aditi Smith Gogoi, Diganta Bora, Manoranjan Gogoi and Bidyut Kumar Sarmah	2531	2536
347	EFFECT OF NANO FERTILIZERS ON GROWTH AND YIELD OF <i>ASPARAGUS DENSIFLORUS</i> CV. SPRENGERI	M. Sathya Sri, S. Kumar and K. Sanjeev Kumar	2537	2542

S. No.	TITLE	AUTHOR	PAGE NO.	
348	WEED MANAGEMENT IN DIRECT SEEDED RICE: A REVIEW	Pritam Ghosh, Pronomita Ghosh, A. K. Dolai and Anshuli Priya	2543	2551
349	APPLICATIONS OF REMOTE SENSING IN HORTICULTURE : A REVIEW	Naresh Dulam, and Priyanka Solanki, Monika Yadav, Kirti Vardhan Pandey, Rajat Rajput, Manish Kumar, Ashish Pratap Singh and Srishtty Kashyap	2552	2561
350	IMPACT ASSESSMENT OF MOBILE BASED AGRO-ADVISORY SERVICES (AAS) IN HARYANA, INDIA	Manjeet, Gaurav Papani, Anamika Sharma, Anurag, Bharat Singh and Krishan Kumar	2562	2566
351	EVALUATION OF PIGEON PEA INTERSPECIFIC DERIVATIVES FOR RESISTANCE TO SPOTTED POD BORER, <i>MARUCA VITRATA</i> (FABRICIUS)	Nilesh Chauhan, Inderjit Singh, Gaurav Kumar Taggar and Suruchi Vij	2567	2573
352	EFFECT OF HERBICIDES ON GROWTH AND YIELD OF WHEAT ( <i>TRITICUM AESTIVUM</i> L.)	Ajeet Singh, Siddharth Mishra, Beerhadra Tripathi, Shubham Singh, Abhishek Singh, Jatin Kumar Singh and Sudhanshu Shekhar	2574	2581
353	INFLUENCE OF SULPHUR AND ZINC FERTILIZATION ON GROWTH AND YIELD OF INDIAN MUSTARD ( <i>BRASSICA JUNCEA</i> L.) IN A VERTISOL	Vishakha Rai, H.K. Rai, A.K. Upadhyay and Prinsu Singh	2582	2587
354	IMPACT OF FRONTLINE DEMONSTRATIONS OF CHICKPEA ( <i>CICER ARIETINUM</i> L.) IMPROVED VARIETY GJG-6 ON YIELD IN PORBANDAR DISTRICT OF GUJARAT INDIA	D.N. Hadiya, V.M. Savaliya and H.N. Der	2588	2590
355	ASSESSMENT OF PACKAGING MATERIALS FOR STORAGE EFFICIENCY AND SEED QUALITY OF GROUNDNUT PODS ( <i>ARACHIS HYPOGAEA</i> L.)	Anuroopa P., Pushpavathi B., Harikishan S., Sujatha P. and Seshu G.	2591	2598
356	EFFECT OF INTEGRATED NUTRIENT MANAGEMENT ON GROWTH AND YIELD OF TOMATO CV. PUSA EARLY DWARF	Durlabh, Kailash Sati, Umesh Chandra Sati, Vidushi Dhaliwal and Bhartendu Yadav	2599	2603
357	EVALUATION OF THE DIFFERENT MICRONUTRIENTS AND THEIR METHODS OF APPLICATION ON CROP GROWTH RATE AND RELATIVE GROWTH RATE OF WHEAT CROP	Jay Nath Patel, Mohd Shah Alam, Roop Kishor Pachauri, Sandeep Kumar Verma, Vivek Pandey, Subedar Singh, Pramod Kumar, Mukesh Kumar and Adesh Singh	2604	2609
358	IMPACT OF BIOGAS SLURRY AND IRON SULPHATE ON GROWTH, PRODUCTIVITY AND ECONOMICS OF PEARL MILLET ( <i>PENNISETUM GLAUCUM</i> L. R. BR.)	Sachin Kumar Pradhan, Sunil Kumar Dadhich, Snehil Kumar Watsh, Hridesh Harsha Sarma, Hansh Raj Meel, Chiranjeev Kumawat and Anupriya Sharma	2610	2614
359	EVALUATION OF WILD RICE INTROGRESSION LINES FOR BROAD-SPECTRUM RESISTANCE TO BACTERIAL BLIGHT OF RICE	T. Dilip Kumar, Pragya Sinha, S. K. Hajira, S.K. Mastanbee, M.B.V.N. Kousik, K. Chaitra, M. Anila, P. Prashanth, R.M. Sundaram and G.S. Laha	2615	2621
360	ASSESSMENT OF ORNAMENTAL BANANA ACCESSIONS FOR FLORAL ATTRIBUTES	D. Baby Sri Divya, T. Padmalatha, A.V.D. Dorajee Rao and P. Subbaramamma	2622	2628
361	EFFECT OF SEED PRIMING TREATMENTS ON SEED QUALITY CHARACTERISTICS IN INDIAN MUSTARD ( <i>BRASSICA JUNCEA</i> L. CZERN AND COSS)	Karantothu Suresh, Raj Kumar Mandal, Chetna, Amgoth Balakoti, Kakadi Akhil Dora and Kamsali Pruthvi Raju	2629	2633
362	STUDIES ON DIFFERENT DRYING METHODS AND PACKAGING MATERIAL ON STORABILITY OF JAMUN PULP POWDER	Anjali D. Giri, Anjali M. Gaharwal, Kaustubh Y. Deshmukh, Shashwat P. Mahalle, Bhagyashree N. Patil and Namrata A. Khairkar	2634	2642
363	BIOINTENSIVE MANAGEMENT PRACTICES FOR CONTROLLING PINWORM <i>TUTA ABSOLUTA</i> (MEYRICK) IN TOMATO CULTIVATION	Nagulapalli Snehalatha	2643	2648
364	ASSESSMENT OF GENETIC VARIABILITY AND ASSESSMENT OF GENOTYPE BASED ON MORPHOLOGICAL CHARACTERS OF TOMATO IN THE FIELD CONDITION	Ravi Prakash Rai, S. S. Singh, Arya Kumar, Neel Kaml Pandre and Amit Vikram Gangele	2649	2653
365	STUDIES ON THE EFFECT OF ORGANIC SOURCES ON GROWTH AND YIELD OF CARROT ( <i>DAUCUS CAROTA</i> L.)	Arya Kumar, S.S. Singh, Ravi Prakash Rai, Neel Kaml Pandre and Amit Vikram Gangele	2654	2658
366	THE IMPACT OF PLANT DENSITY AND NITROGEN FERTILIZATION ON YIELD ATTRIBUTES AND YIELD IN DUAL-PURPOSE YELLOW SORGHUM (PYPS-2)	Amulya Vemu, G. S. Madhu Bindu, B. Padmaja and G. Kiran Reddy	2659	2663
367	COMPARATIVE STUDY ON POPULATION DYNAMICS OF <i>MYZUS PERSICAE</i> SULZER AND ITS NATURAL ENEMIES ON BROCCOLI UNDER PROTECTED AND	Siddamma, P. S. Tippannavar, K. P. Gundannavar and M. S. Biradar	2664	2667

S. No.	TITLE	AUTHOR	PAGE NO.	
	OPEN FIELD CULTIVATION			
368	EVALUATION OF GENOTYPE BY ENVIRONMENT INTERACTION AND ADAPTABILITY FOR GRAIN YIELD IN RICE ( <i>ORYZA SATIVA</i> L.)	Sreelakshmi Chintala, Ramesh Babu Pottepalem, Paramasiva Inakarla, Madhusudhan Puchakayala, Sameera Shaik and Vineetha Ummanaboina	2668	2675
369	IDENTIFICATION OF THE MOST SUITABLE HYBRID TOMATO ( <i>LYCOPERSICON ESCULENTUM</i> MILL.) IN TERMS OF GROWTH, YIELD AND QUALITY UNDER GORAKHPUR ARGO-CLIMATIC CONDITIONS	Suraj Pasawan, Sudheer Kumar Mishra, Ramesh Chand Meena, Ratan Kumar Pal, Asutosh and M. L. Meena	2676	2681
370	EVALUATION OF <i>MORINGA OLEIFERA</i> VARIETIES FOR POD YIELD AND SPACING IN ARID WESTERN RAJASTHAN, INDIA	Saresh N.V., Dileep Kumar, A.S. Godara, Narendra, Piyush Pradhan and M.K. Yadav	2682	2687
371	IMPACT OF INTEGRATED WEED MANAGEMENT ON YIELD AND PROFITABILITY OF JUTE ( <i>CORCHORUS OLITORUS</i> L.)	Sarak S. R., Chavan P. P., Deshmukh K. Y., Daware N. A., Katkhede V. G., Kale S. N. and Chavan R. V.	2688	2693
372	EFFECTS OF TREE MANAGEMENT PRACTICES ON GROWTH INDICES, SPUR FORMATION AND FRUIT SET IN APPLE ( <i>MALUS</i> × <i>DOMESTICA</i> BORKH.)	Shakir Majeed Wani, N.A. Ganai, Suhail Manzoor, Khalid Rasool, Angrej Ali, G.I. Hassan and Kounser Javeed	2694	2698
373	STUDIES ON EFFECT OF SEED PRIMING ON SEED QUALITY PARAMETERS OF CORIANDER ( <i>CORIANDRUM SATIVUM</i> L.) UNDER LABORATORY CONDITION	Kalavathi B Patil, N. M. Shakuntala, B. S. Ganigara, Umesh Hiremath, M. K. Meena and K. J. Hemalatha	2699	2704
374	GENETIC VARIABILITY AND CORRELATION STUDIES IN THE F <sub>3</sub> POPULATION OF THE CROSS JNA-1 AND BYADGI DABBI IN CHILLI ( <i>CAPSICUM ANNUUM</i> L.)	S.N. Manoj, V. Hanumanth Nayak, B.V. Temburne, Hasan Khan, Kisan Babu, Rohit Kumar, R. Somaraju, Pragnya Singh Grover and N. B. Anjali	2705	2711
375	EFFECT OF ORGANIC AND INORGANIC FERTILIZER COMBINATIONS ON GROWTH AND YIELD OF OKRA	Vineet Kumar Mishra, Akshay Jain, Rajesh Dhakar and Abhilash Singh	2712	2716
376	COMPETITIVE ABILITY OF <i>PARTHENIUM HYSTEROPHORUS</i> WITH DIRECT SEEDED RICE AND INFLUENCE OF PARTHENIUM FLOWERING DYNAMICS WITH METEOROLOGICAL FACTORS	Aroulradj Karthickraja and Pasoubady Saravanane	2717	2723
377	ANTICANCER ACTIVITY OF AMYGDALIN EXTRACTED FROM LOCAL APRICOT KERNELS	Rasha Tahseen Ali and Aswan H. Bayar	2724	2726
378	ECONOMIC FEASIBILITY AND CONSTRAINTS ANALYSIS OF MANDARIN ORANGE CULTIVATION IN NAGPUR DISTRICT OF MAHARASHTRA (INDIA)	Bhoyar Amrita Purushottam, Shiva Pujan Singh, A.K. Singh, Janmejay Kumar and Nishant Kumar	2727	2732
379	STANDARDIZATION OF DOSAGE FOR DRONE BASED FOLIAR APPLICATION OF FUNGICIDES IN THE MANAGEMENT OF FOLIAR DISEASE OF CHILLI	Sagar Mathad, R.K. Mesta, Basavarajappa M.P., Noorulla Haveri, Anand Nanjappanavar, R.T. Patil and Pavan Kumar Patil	2733	2742
380	ESTIMATION OF RICE AREA IN THIRUVARUR DISTRICT USING SENTINEL-2 SATELLITE DATA	Sugavaneshwaran Kannan, Ragunath Kaliaperumal, S. Pazhanivelan, R. Kumaraperumal and K. Sivakumar	2743	2748
381	MONITORING MANGO SURFACE VARIATIONS USING NON-DESTRUCTIVE THERMAL IMAGING	Thongam Sunita, Dhritiman Saha, Sumit Kumar, Thingujam Bidyalakshmi and Leena Kumari	2749	2753
382	MODELLING AND FORECASTING OF JOWAR PRODUCTION BEHAVIOR OF INDIA AS WELL AS INSTABILITY AND DECOMPOSITION ANALYSIS	Sachin Kumar Verma, Shiv Kumar, Dheeraj Kumar Verma, Harendra Pratap Singh Choudhri and Riyaz Ahmad	2754	2762
383	INTEGRATED EFFECTS OF WATER MANAGEMENT PRACTICES AND NANO FERTILIZERS APPLICATION ON WEED DENSITY AND WEED CONTROL EFFICIENCY IN RICE ( <i>ORYZA SATIVA</i> L.)	Vineet Dheer, Sanjiv Kumar, D.D. Yadav, V.K. Verma, M.Z. Siddqui, Anil Kumar, Sarvesh Kumar, Jaykar Singh and Krishna Kumar Singh	2763	2769
384	IMPACT OF BORON AND ZINC APPLICATIONS ON CROP GROWTH, YIELD, AND QUALITY: A COMPREHENSIVE REVIEW	Natasha Parvin, Narendra Nath Hansda and Tanmoy Ghosh	2770	2773
385	ENHANCING KINNOW MANDARIN GROWTH AND YIELD WITH TARGETED FOLIAR NUTRIENT TREATMENTS	Luxmi, G.S. Rana and Sakshi	2774	2780
386	DETOXIFICATION PROCESS FOR CYANOGENIC GLUCOSIDE 'AMYGDALIN' FROM WILD APRICOT KERNEL	Neha Rawat, S.K. Sharma, Anil Kumar, C.S. Chopra, Divya Gaur and Deepa Saini	2781	2793
387	RETTING OF UNCONVENTIONAL BAST FIBRES : COMPREHENSIVE REVIEW	Pratishtha Verma, Neelam M. Rose, Saroj Yadav and Shalini Rukhaya	2794	2807
388	EVALUATION OF HERBICIDE EFFICACY ON GROWTH INDICES OF MAIZE CULTIVATED UNDER CONSERVATION AGRICULTURE SYSTEM	Bharat Bhushan Rana, Vinod Sharma, Sandeep Manuja, Sanjay Kumar Sharma, Akashdeep Singh, Rahul Sharma and Garima Chauhan	2808	2817

S. No.	TITLE	AUTHOR	PAGE NO.	
389	MANIFESTATION OF HETEROBELTIOSIS AND STANDARD HETEROISOS FOR YIELD AND YIELD CONTRIBUTING CHARACTERS IN <i>SOLANUM MELONGENA</i> L.	Parul Mehra, M.N. Bhalekar, A.R. Aher and D.B. Kshirsagar	2818	2826
390	EFFECT OF DIFFERENT FERTILITY LEVELS AND BIO-ORGANICS ON GROWTH, YIELD AND PROTEIN CONTENT OF MUNGBEAN ( <i>VIGNA RADIATA</i> L. WILCZEK) IN ARID REGION OF RAJASTHAN, INDIA	L.N. Yadav, Bharat Singh, Manjeet, Archana U. Singh, S.S. Yadav, Gaurav Papnai and Raghvendra Pratap Singh	2827	2832
391	DETERMINATION OF OPTIMUM SIZE OF SEED RHIZOME OF PLANTING MATERIAL ON GROWTH, YIELD, QUALITY AND PROFITABILITY OF TURMERIC	C. Kamcham, M. Chanchan, N. Gopimohan Singh, Shailendra Kumar, Shashikant S. Gurikar, S.R. Singh and Ichantombi Ch.	2833	2837
392	COMPREHENSIVE ANALYSIS OF ECONOMICS, MARKETING, AND TRADE PERFORMANCE OF ASHWAGANDHA: INDIAN PROSPECTIVE	Harendra Pratap Singh, Choudhri, Deepak Kumar, Ram Suresh Sharma and Sanjay Kumar	2838	2845
393	SHELF-LIFE CHARACTERISTICS OF EXTRUDATES FROM PIGMENTED MAIZE	Khwaitrakpam Bembem, Thongam Sunita, and Thingujam Bidalakshmi Devi	2846	2851
394	EXPLORING THE ROLE OF HYDROGEN IN AGRICULTURE FOR MACHINERY, BIOMASS AND REDUCING CARBON FOOTPRINTS	P. Kalaiselvi, Pukhrambam Sunilkumar Singh, Vijay Kumar, Ms. Sumana Balo, Anushi, Abhishek Singh, Gyanendra Singh and Rini Labanya	2852	2863
395	STUDIES ON GENETIC VARIABILITY AND CHARACTER ASSOCIATION FOR YIELD AND ITS ATTRIBUTES IN MUNG BEAN ( <i>VIGNA RADIATA</i> L. WILCZEK)	Amrish Verma, Shiva Nath, Baudh Bharti, Javed, Alok Pal, Arvind Patel and Parsa Ram	2864	2871
396	CHARACTER ASSOCIATION STUDIES AND PATH COEFFICIENT ANALYSIS OF AGRO-MORPHOLOGICAL TRAITS IN LANDRACES OF RICE IN BIHAR	Nitesh Kushwaha, Naincy Sinha, Rajesh Kumar, Nilanjay, Digvijay Singh and Tushar Arun Mohanty	2872	2875
397	REVERSE BREEDING: ADVANCING BREEDING PARADIGMS	Nitesh Kushwaha, Prerna Suman, Kanchan Kumari Gupta, Digvijay Singh and Tushar Arun Mohanty	2876	2880
398	RESPONSE OF WHEAT ( <i>TRITICUM AESTIVUM</i> L.) CROP TO FYM AND PHOSPHORUS FERTILIZATION UNDER SEMI-ARID CLIMATIC CONDITION	Devendra Kumar and Arun Pratap Singh	2881	2887
399	INFLUENCE OF NUTRIENT REGIMES ON YIELD AND QUALITY OF STRAWBERRY ( <i>FRIGARIA</i> × <i>ANANASSA</i> ) UNDER EBB AND FLOW SYSTEM OF HYDROPONICS	Vijaykumar, B. T. and B. G. Hanumantharaya	2888	2896
400	EFFECT OF SALICYLIC ACID AND POTASSIUM SULPHATE ON GROWTH AND YIELD GRAPES CV. 2A CLONE	Dhanavath Shanthi, Suhasini Jalawadi, Kulapati Vithappa Hipparagi, Maheshwarappa H.P., Bhuvaneshwar G. and Arun Kambale	2897	2903
401	FORTIFICATION OF CURD THROUGH NATURAL COLORS	Biraj Kumar Pradhan and Pinaki Acharyya	2904	2913
402	FORTIFYING THE FUTURE: BREEDING FUSARIUM WILT-RESISTANT CHICKPEA THROUGH BIOCHEMICAL UNDERSTANDING IN WESTERN HIMALAYAN KASHMIR	Mahrukh, M.A. Bhat, P.A. Sofi, A.B. Shikari, R.R. Mir, M.A. Khan, K. Hussain, A.A. Lone, T.A. Wani and F.J. Wani	2914	2922
403	HARNESSING GENETIC VARIABILITY AND TRAIT RELATIONSHIPS FOR COLD TOLERANCE IN MAIZE IN THE WESTERN HIMALAYAN REGION	Khazin Hussain, F.A. Sheikh, Z.A. Dar, A. B. Shikari, M.A. Wani, S.A. Waza, R.R. Mir, M.A. Khan, P.A. Sofi, Mahrukh, F.J. Wani and M.H. Chesti	2923	2928
404	EFFECTS OF CONVECTIVE VACUUM DRYING ON MOISTURE DYNAMICS AND PHYSICAL PROPERTIES IN <i>MELIA DUBIA</i> CAV.	Nishant, Ashutosh Pathak and N.K. Upreti	2929	2933
405	EFFECT OF SPACING AND FERTILIZER LEVELS ON YIELD, COST ECONOMIC RETURNS, LEAF NUTRIENT COMPOSITION AND SOIL NUTRIENT STATUS IN CRAPE JASMINE ( <i>TABERNAEMONTANA DIVARICATA</i> L. R. BR. EX ROEM. & SCHULT.)	Gowtham K. M., Basavarajappa H. R., Sanjeevraddi G. Reddi, Anasubai S. Hosagoudar and Ramanagouda Hadlageri	2934	2942
406	<i>IN-SILICO</i> ANALYSIS OF PATHOGENESIS-RELATED PROTEINS (PR-1) IN BARLEY ( <i>HORDEUM VULGARE</i> L.)	Krishna Kumar Yadav, Pradeep Kumar,, Alamgir" Ajay Kumar Singh, A. Radhakrishna" Praveen Kumar Yadav, Ayush Yadav, and Krishna Kant Kushwaha	2943	2951
407	CORRELATION AND PATH ANALYSIS IN MID-LATE MATURING SUGARCANE CLONES FOR SUGAR YIELD AND ITS ATTRIBUTING TRAITS	Pooja Kumari, Balwant Kumar, Rajvinder Singh, Mahi Baaniya, Ashwani Kumar, Ruchika Chhaya and Nitesh Kushwaha	2952	2959
408	COMPARATIVE STUDY OF DIFFERENT PRUNING METHODS ON GROWTH, YIELD, AND FRUIT QUALITY IN NECTARINE	Rifat Bhat, Suja N. Qureshi, Sharabat Hussein, Kounser Javid, Parveez A. Sheikh, Sherish Jan, Mehreen Farooq and Arifa Gulzar	2960	2972

S. No.	TITLE	AUTHOR	PAGE NO.	
409	DECIPHERING GENETIC VARIABILITY, CHARACTER ASSOCIATIONS AND DIVERSITY ANALYSIS IN SESAME ( <i>SESAMUM INDICUM</i> L.) GERMPLASMS	Sampurna Bhattacharya, Bhushan Kale, Chirag P. Chandramaniya, Bukya Priyanka and Ruchi J. Chhodavadiya	2973	2986
410	GENETIC VARIABILITY STUDIES FOR YIELD AND YIELD ATTRIBUTING TRAITS IN F <sub>2</sub> GENERATION OF BITTER GOURD ( <i>MOMORDICA CHARANTIA</i> L.)	Sahana K. V. M., Vijayakumar Rathod, Chandrakant S. Kamble, Prashantha A., Pallavi G., Vilas D. Gasti and S. G. Praveenakumar	2987	2994
411	EFFECT OF DIFFERENT ROOTING MEDIA ON FLOWERING AND YIELD OF BIDHAN MARIGOLD VARIETIES IN THE OPEN FIELDS OF WEST GODAVARI DISTRICTS OF ANDHRA PRADESH INDIA	J. Vijay, A.V.D. Dorajeerao, Anshul Kumar and Krishna Kumari Behera	2995	3003
412	EVALUATING THE PERFORMANCE OF KHARIF MAIZE VARIETIES WITH VARIABLE SOWING DATES IN EASTERN UTTAR PRADESH INDIA	Anurag Tripathi, S.R. Mishra, Rajeev Ranjan, Neha Chand and Shubham Pandey	3004	3011
413	HETEROSIS STUDIES FOR GROWTH, FLOWER AND YIELD CHARACTERS IN SPONGE GOURD ( <i>LUFFA CYLINDRICA</i> L.)	Tanushree M. Hiremath, Chandrakant S. Kamble, Vilas D. Gasti, Sandhyarani Nishani and Kirankumar Gorabal	3012	3030
414	WATER CULTURE WILT SCREENING TECHNIQUE: A RAPID, REPEATABLE AND RELIABLE <i>IN VITRO</i> TECHNIQUE FOR ASSESSMENT OF HOST RESISTANCE IN PIGEONPEA AGAINST WILT CAUSED BY <i>FUSARIUM UDUM</i>	Srushti G., Mallikarjun Kenganal, Pramesh D., Yenjerappa S.T. and Muniswamy S.	3031	3041
415	<i>IN VITRO</i> COMPATIBILITY ASSESSMENT OF <i>BACILLUS THURINGIENSIS</i> WITH COMMONLY USED INSECTICIDES	Shashikala M., B.V. Jayanth, Vireesha P., Rajareddy G., K.S. Ishwarya Lakshmi and C.N. Rajarushi	3042	3046
416	ECO-FRIENDLY APPROACHES FOR MANAGEMENT OF LEAFHOPPERS AND APHIDS IN TOMATO	Rohit R. Patil and K. P. Gundannavar	3047	3051
417	COMBINING ABILITY AND GENE ACTION ANALYSIS IN OKRA ( <i>ABELMOSCHUS ESCULENTUS</i> L. MOENCH) OVER DIFFERENT ENVIRONMENTS	Rajeshri G. Vekariya, Nitin B. Patel, Pranay C. Patel, Disha R. Patel, Ravi D. Patel, Kavan B. Joshi and Prakashbhai Ravat	3052	3067
418	STUDIES ON POPULATION DYNAMICS OF MAJOR PESTS OF GUAVA AND THEIR NATURAL ENEMIES IN DHARWAD KARNATAKA INDIA	Kruthika K.S., K.P. Gundannavar, D.N. Kambrekar and M.S. Biradar	3068	3072
419	EFFICACY OF DIFFERENT INSECTICIDES AGAINST SUCKING PEST COMPLEX OF GUAVA	Kruthika K.S., K.P. Gundannavar, D.N. Kambrekar and M.S. Biradar	3073	3079
420	SEASONAL VARIATION IN BIOCHEMICAL CHARACTERISTICS OF BRAHMI ( <i>BACOPA MONNIERI</i> ) GERMPLASM ACCESSIONS IN COASTAL REGIONS OF ANDHRA PRADESH INDIA	Anjali Subhash, D. Aparna, M. Kalpana and D.R. Salomi Suneetha	3080	3084
421	SEASONAL VARIATION IN YIELD CHARACTERISTICS OF BRAHMI ( <i>BACOPA MONNIERI</i> ) GERMPLASM ACCESSIONS IN COASTAL REGIONS OF ANDHRA PRADESH, INDIA	Anjali Subhash, D. Aparna, M. Kalpana and D.R. Salomi Suneetha	3085	3090
422	OPTIMIZING <i>IN VITRO</i> PROPAGATION PROTOCOL AND ENSURING GENETIC FIDELITY OF STRAWBERRY ( <i>FRAGARIA X ANANASSA</i> DUCH.) CULTIVAR 'CHANDLER' THROUGH ISSR MARKER ANALYSIS	Vibhu Pandey, Arvind Kumar, Khushboo Sharma, Deepesh Keshari, Amit Kumar and Anuj Pal	3091	3098
423	EFFECT OF FOLIAR APPLICATION OF DIFFERENT NUTRIENTS AND GA <sub>3</sub> ON YIELD AND QUALITY OF STRAWBERRY	Bhumi Lad, P.D. Solanki, R.A. Gurjar, B.M. Tandel and A.P. Chaudhary	3099	3103
424	NITROGEN AND POTASSIUM FERTILIZATION LEVEL RESPONSES IN POTATO	Vidushi Dhaliwal, Umesh Chandra Sati, Brahmacharimayum Amana Sharma, Durlabh and Kailash Sati	3104	3108
425	CORRELATION AND PATH COEFFICIENT ANALYSIS FOR GROWTH, FLOWERING, FLOWER QUALITY AND YIELD TRAITS OF ALSTROEMERIA GENOTYPES	Vismitha C. Y., Chandrashekar S. Y., Hemla Naik B., Kencharaddi R. N., Jayaprakash S. M. and Hemanth Kumar P.	3109	3114
426	OPTIMIZING FUNCTIONAL GENOMICS AND APPLICATION OF ROOT WOUNDING AND IMMERSION FOR ENHANCED VIRUS-INDUCED GENE SILENCING IN PLANTS: A COMPREHENSIVE REVIEW	Shalakra John, Jitendra Chaurasia, A. Krishnamoorthi, Nishant Kumar Salam, Anushi, Debanjana Debnath, P. ReddyPriya and Ritik Raj	3115	3126
427	EFFECT OF SULPHUR LEVELS AND NAPHTHALENE ACETIC ACID ON GROWTH AND YIELD OF GREENGRAM ( <i>VIGNA RADIATA</i> L.)	Satyam Ranjan, Umasha C., Murari Mohan, Ashwani Yadav and Aakash Kumar Saini	3127	3133
428	EFFECT OF DIFFERENT STRAW PREPARED COMPOST AND GROWING STRUCTURES ON GROWTH AND YIELD OF BUTTON MUSHROOM ( <i>AGARICUS BISPORUS</i> L. SING)	Bhagshali Patle, H. K. Singh and Anurag Kerketta	3134	3137

S. No.	TITLE	AUTHOR	PAGE NO.	
429	EFFECT OF NUTRIENT LEVELS, SPACING AND PLANTING DENSITY ON LEAF NUTRIENTS STATUS IN BANANA CV. RAJAPURI	Sateesh Pattepur, Y. K. Kotikal, Ragvendra Mesta, I.B.Biradar, Nagaraja M.S. and Praveen Jolgikar	3138	3144
430	STUDY ON CROP LOSS ASSESSMENT OF BEETLE, <i>LEMA DOWNESI</i> BALY ON SHATAVARI ( <i>ASPARAGUS RACEMOSUS</i> ) WILD	A.D. Vasekar, B.Y. Pawar, Y.S. Saindane, S.B. Gawade, P.R. Palande and S.B. Narale	3145	3149
431	MORPHOLOGICAL AND MOLECULAR EVALUATION OF ADVANCED GENERATION RICE ( <i>ORYZA SATIVA</i> L.) BREEDING LINES FOR BACTERIAL BLIGHT RESISTANCE	Gaganashree. K.P., K.N. Yamini, Karthik. R., Anantha. M.S., T. Kiran Babu and Laha. G.S.	3150	3159
432	COMPARATIVE ECONOMIC EVALUATION AND INPUT USE EFFICIENCY OF FRESH AND RATOON SUGARCANE PRODUCTION ACROSS SELECTED DISTRICT OF CENTRAL PLAIN ZONE OF UTTAR PRADESH INDIA	Shiva Pujan Singh, Ajay Kumar Bharti, Md. Minnatullah, A. K. Singh, and S. K. Sameer	3160	3165
433	EVALUATION OF BITTER GOURD ( <i>MOMORDICA CHARANTIA</i> L.) GENOTYPES FOR GROWTH, YIELD AND QUALITY TRAITS	Kishorkumar, G.K., R. S. Jawadagi, Shashikant Evoor, Namita Raut, Shivayogi Ryavalad, Noorulla Haveri and Sayeed W. R. Mulla	3166	3174
434	UNRAVELLING THE GENETIC DIVERSITY AMONG ADVANCED BREEDING LINES OF RICE ( <i>ORYZA SATIVA</i> L.)	Jahnvi Mahalakshmi, Satish Y., Ramana J.V. and Raju M.R.B.	3175	3181
435	ASSESSMENT OF VARIABILITY FOR SEED YIELD IN BACK CROSS DERIVED LINES OF BLACKGRAM ( <i>VIGNA MUNGO</i> L. HEPPER)	Prasanna Mahabaleshwar Hegde, Manivannan Narayana, Kumaresan Dharmalingam, Saminathan Vangily Ramasamy and Senthilraja Govindasamy	3182	3185
436	PERFORMANCE OF SOFTWOOD GRAFTING AND STANDARDIZATION OF GRAFTING TIME IN AONLA ( <i>EMBLICA OFFICINALIS</i> L.) VARIETIES	Arunkumar K. Kamble, Kiran M. G., Pavan P. R., Padashetti B. S., Siddanna Thoke and Sateesh V. Pattepur	3186	3191
437	EVALUATION OF BER CULTIVARS FOR QUALITY AND PEST AND DISEASE INCIDENCE UNDER NORTHERN DRY ZONE OF KARNATAKA INDIA	Niteen S. G. Gollagi, S. N. Patil, Kulapati Hipparagi, Bhuvaneshwari G., Siddanna Thoke and Basavaraj Padashetti	3192	3196
438	STANDARDIZATION OF ENVIRONMENTAL CONDITION FOR ENHANCED PROPAGATION OF RED PULP GUAVA ( <i>PSIDIUM GUAJAVA</i> L.) HYBRIDS	Arunkumar K. Kamble, S. Nithya, Pavan P. R., Siddanna Thoke, Mallikarjun Awati and Anand G, Patil	3197	3201
439	URBAN FLORICULTURE: OPPORTUNITIES AND CHALLENGES FOR INDOOR AND VERTICAL GARDENING	M. Raja Naik, U. Sai Prakash and T. Sumathi	3202	3208
440	INFLUENCE OF MICRONUTRIENTS ON GROWTH, YIELD AND QUALITY OF CHERRY TOMATO ( <i>SOLANUM LYCOPERSICUM</i> L. VAR. <i>CERASIFORME</i> (DUNNAL) A. GRAY) UNDER PROTECTED CONDITION	Pramod B.S., Arwankie Shadap, A.S. Mailappa, Ajaykumara K.M., Yogesh M. and Teju C.M.	3209	3214
441	COMBINING ABILITY ANALYSIS IN DIVERSE CYTOPLASMIC MALE STERILE SOURCES OF PEARL MILLET ( <i>PENNISETUM GLAUCUM</i> L. R. BR.)	Disha R. Patel, M. S. Patel, Pratiksha R. Pipariya, Rajeshri G. Vekariya, Ravi D. Patel and K. B. Joshi	3215	3227
442	EFFECT OF SEED TREATMENT WITH METHYL JASMONATE ON INCIDENCE OF LEAF MINER ( <i>LIRIOMYZA TRIFOLII</i> ) IN TOMATO	Vijaylaxmi Irayya Mathapati, A. M. Nadaf, M. G. Kerutagi, R. B. Hirekurubar and Mohana Kumara P.	3228	3233
443	PROCESS STANDARDIZATION FOR PREPARATION OF WHEY BEVERAGE ADDED WITH JAMUN ( <i>SYZYGIIUM CUMINI</i> ) JUICE	V.S. Madavi, B.D. Patil, S.M. Kudale, R.R. Jodave, S.B. Narale and D.K. Kamble	3234	3240
444	CHARACTERIZATION OF THREE AQUATIC ANGIOSPERMS FOR PHYTOCHEMICALS AND ANTIMICROBIAL ASSAY IN INDIA	Jyoti Pandey, Virendra Kumar and Sunil Verma	3241	3248
445	NANO-SECONDARY ION MASS SPECTROMETRY TECHNOLOGY IN THE INVESTIGATION OF SOIL ORGANO-MINERAL ASSOCIATION: A REVIEW	Monali Raut	3249	3264
446	MEDICINAL IMPORTANCE OF <i>MADHUCA SPS</i> (SAPOTACEAE) IN AYURVEDA AND MODERN SCIENCE: A REVIEW	Triveni S. Inganakal and Paramjyothi S.	3265	3274
447	POST-HARVEST TECHNOLOGIES AND COLD CHAIN MANAGEMENT: A REVIEW	Kosgi Mounika, Peddaveeri Pravalika Reddy, Ravi Pratap Singh, Ankit Pandey, Shri Kant Bharty, Alok Kumar, Kartikey Tiwari and Shubham Jain	3275	3283
448	CHARACTER ASSOCIATION AND PATH ANALYSIS OF FRUIT YIELD AND YIELD COMPONENTS IN F <sub>2</sub> POPULATION OF INTRASPECIFIC HYBRID DERIVED FROM <i>CUCUMIS MELO</i> SSP. <i>AGRESTIS</i> (LOCAL CULTIVAR) AND <i>CUCUMIS MELO</i> SSP. <i>MOMORDICA</i> (SNAP MELON)	Afreen Mohammed Siraj B., Rekha chittapur, Satish D., Namita Raut and Shivayogi Rayavalad	3284	3289

S. No.	TITLE	AUTHOR	PAGE NO.	
449	ASSESSING THE IMPACT OF DIFFERENT POPLAR CLONES ON SOIL PROPERTIES, NUTRIENT CYCLING, AND LITTER DECOMPOSITION IN A SIX-YEAR-OLD AGROFORESTRY PLANTATION	Mudiyam Dhanunjaya Reddy, Dipty Kumar Das and Santosh Kumar Singh	3290	3297
450	CLIMATE SMART BREEDING OF VEGETABLE CROPS : A REVIEW	Saima Tabasum, Gazala Nazir, Khursheed Hussain, Ashitosh Gautam, Faheema Mushtaq, Ambreen Nabi and Suraya Ahsan	3298	3307