

PLANT ARCHIVES

Volume 25	Supplement 2	July – 2025
-----------	--------------	-------------

S. No.	TITLE	AUTHOR	PAGE NO.	
1	ENERGY AUDITING AND CROP PRODUCTIVITY: A CASE STUDY ON RESOURCE USE EFFICIENCY IN AGRICULTURE	Kailashkumar B., M. Pooja, M. S. Pradeepa, K. Ramani, and E. Sureka	1	11
2	AQUAPONICS: A SUSTAINABLE INTEGRATION OF AQUACULTURE AND DEEP-WATER CULTURE HYDROPONICS FOR FUTURE FOOD SECURITY	Rahul, Urvashi, and Shilpa Kaushal	12	19
3	UTILIZING MOLECULAR MARKERS IN FRUIT PLANTS: A REVIEW	Ravi Pratap Singh, Kuldeep Kumar, Ramesh Chand, Devi Singh, R. Arya, Mahendra Pratap and Gurbir Singh	20	25
4	ORGANIC LIQUID FORMULATIONS IN HORTICULTURAL CROPS: A COMPREHENSIVE REVIEW ON GROWTH, QUALITY, AND SOIL HEALTH	Mamoni Deori, Sadras Bhavana, Sheshanka Dugyala, Meka V. V. Indumathi Annapurna, Anup Sahoo, R. Ravi Teja, Nishigandha Ranasingh and Vikash Kumar	26	39
5	PRESENT STATUS OF GRAPE INDUSTRY IN INDIA AND FUTURE SCOPE: A REVIEW	Somkuwar R. G., Nilima Gobade, Pooja Gharate and Pradip Kakade	40	50
6	WEED MANAGEMENT THROUGH INTEGRATED APPROACH FOR ACHIEVING HIGHER PRODUCTIVITY OF CLUSTERBEAN (<i>CYAMOPSIS TETRAGONOLOBA</i> L.)	Yogesh Kumar, Vikash Kumar, Dinesh M. Patel, Jeevraj R. Jat and Veeresh Hatti	51	59
7	RECENT INNOVATIONS AND ADVANCED TECHNIQUES FOR ENHANCING GUAVA (<i>PSIDIUM GUAJAVA</i> L.) PRODUCTIVITY: A REVIEW	Chandan Kumar Rout, Suchismita Panda, Shefalika Nayak, Biswa Ranjan Nayak, Kalyan Kumar Mohanty and Sushrita Nayak	60	66
8	EFFECT OF SPACING AND FERTILIZER LEVELS ON <i>KHARIF</i> GROUNDNUT (<i>ARACHIS HYPOGAEA</i> L.)	Kalaria R.V. and Gediya K.M.	67	72
9	SDS-PAGE PROFILING MEDIATED CHARACTERIZATION OF POTATO CULTIVARS	Venkata Yaswanth Amara and J.J. Dhruv	73	79
10	STUDY OF GENETIC VARIABILITY, HERITABILITY AND GENETIC ADVANCE FOR YIELD AND QUALITY RELATED TRAITS IN BRINJAL (<i>SOLANUM MELONGENA</i> L.)	Ankit Yadav, Anil Kumar, C.N. Ram, Anshuman Mishra, Virendra Kumar, Vikash Babu, Vipin and Pravesh Kumar	80	83
11	EFFECT OF SEED RATE AND SPACING ON YIELD, GROWTH AND ECONOMICS OF BAJRA (<i>PENNISETUM GLAUCUM</i>)	Lovepreet Singh and Baljinder Singh	84	90
12	DIFFERENTIAL RESPONSE OF CITRUS GERMPLASM FOR VARYING CONCENTRATION OF ALUMINIUM	Anjana Pradhan, S. Manivannan and Sujata Upadhyay	91	102
13	THE ADVANCED EVOLUTION OF FUNGICIDES: ENHANCING PLANT DISEASE MANAGEMENT IN THE MODERN ERA	Tharringwon Marchang Ningshen, Pranab Dutta and Harshit Singh	103	109
14	EFFICACY OF ORGANIC AMENDMENTS AND BIO-AGENTS AGAINST <i>FUSARIUM OXYSPORUM</i> F. SP. <i>CICERI</i> IN VITRO	Hinal Mevada, B.R. Nakrani and J.K. Patel	110	114
15	MORPHOLOGICAL CHARACTERIZATION OF INDIGENOUS COLLECTION OF LANDRACES OF RICE (<i>ORYZA SATIVA</i> L.)	Tejraj A. Naik Nimbalkar, Sudheer K. Pathak, Shama Parveen and Pramod Sharma	115	122
16	EFFECT OF NATIVE BACTERIAL ISOLATES AGAINST <i>MELOIDOGYNE INCOGNITA</i> IN PEA (<i>PISUM SATIVUM</i> L.)	Moirangthem Chanu Lankubee, Kshetrimayum Sumita, Yaikhom Vivekananda and Yengkhom Arun Singh	123	126
17	EVALUATION OF GRAFTED TOMATO FOR RESISTANCE TO BACTERIAL WILT UNDER TELANGANA CONDITIONS	B. Anuradha, A. Kiran Kumar , D. Laxmi Narayana , K. Venkata Laxmi , CH. Raja Goud and R. Poornima Mishra	127	133
18	CHARACTER ASSOCIATION STUDIES FOR GROWTH, YIELD AND YIELD ATTRIBUTING TRAITS IN LAND RACES OF KARCHIKAI (<i>MOMORDICA CYMBALARIA</i>)	Kavya Mallappa Manni, Rekha Chittapur, Prabhuling G., Raghavendra Gunnaiah Namita Raut, Dadapeer Peerjade, and Veeresh Hiremath	134	142
19	MARKER-ASSISTED AND GENOMIC SELECTION: A PARADIGM SHIFT IN HORTICULTURAL CROP BREEDING	Jyoti, Saklain Mulani, Deepak Singh, Rashmi Nandkishor Dongre, Suman Kalyani, Imatiyazahamed Teli, Sushravya M. K. and Pradeep Kumar	143	149
20	ALLEVIATION OF DROUGHT STRESS AND PLANT GROWTH PROMOTION IN MUNGBEAN THROUGH RHIZOSPHERIC ACTINOBACTERIA	Mrugesh M. Patel, N. K. Singh, Rudra B. Parmar, Bhavesh M. Joshi, Anurag Yadav, Yashvi R. Patel and Poonam V. Tapre	150	176

S. No.	TITLE	AUTHOR	PAGE NO.	
21	DISSIPATION DYNAMICS OF CYANTRANILIPROLE, A DIAMIDE INSECTICIDE ON TOMATO UNDER PROTECTED CULTIVATION IN NORTH WEST INDIAN HIMALAYAS	Ekta Kaushik, Ajay K. Sood and Prem Chand Sharma	177	183
22	EVALUATION OF YIELD ATTRIBUTES OF FINGER MILLET (<i>ELEUCINE CORACONA</i> . L.) AT HIGH TEMPERATURE STRESS	S. Ramya, P. Sandhya Rani, L. Madhavi Latha and D. Venkatesh Babu	184	187
23	EFFECT OF BIO-FERTILIZERS AND PHOSPHORUS ON GROWTH AND YIELD OF ZAID COWPEA (<i>VIGNA UNGUICULATA</i> L.)	Kupirala Sai Shivani, Shikha Singh and M.S. Paarshitha Reddy	188	192
24	CORRELATION AND PATH COEFFICIENT ANALYSIS FOR YIELD AND COMPONENT TRAITS AMONG 20 GENOTYPES OF RICEBEAN	Saikiran Tripathy and Shama Parveen	193	199
25	EVALUATION OF CROSSANDRA (<i>CROSSANDRA INFUNDIBULIFORMIS</i> L. NEES.) GENOTYPES FOR FLOWER YIELD AND YIELD ATTRIBUTING CHARACTERS	Supriya N., B.C. Patil, Balaji S. Kulkarni, Thammaiah N., Anand B. Masthiholi, Sandhyarani Nishani and Rajesh A.M.	200	204
26	WEED AND DISEASE MANAGEMENT BY ALLELOCHEMICALS IN GREEN AGRICULTURE : A REVIEW	Sunita Kumari Singh, Shweta Yadav and Rima Kumari	205	217
27	INTRASPECIFIC PREDATION (CANNIBALISM) IN TWO CO-OCCURRING COCCINELLID BEETLES (<i>COCCINELLA TRANSVERSALIS</i> AND <i>MENOCHILUS SEXMACULATUS</i>)	Chunni Kumari, Abhinav Kumar, Jayalaxmi Ganguli, Matcha Uday Kumar and Shivam Kumar	218	223
28	EVALUATING THE PHYSIOLOGICAL IMPACT OF BIOFERTILIZERS AND RECOMMENDED FERTILIZER DOSES ON CHINA ASTER (<i>CALLISTEPHUS CHINENSIS</i> L. NEES) CV. ARKA KAMINI IN COASTAL ANDHRA PRADESH INDIA	Yegireddy Ashok, Jyoti Uppar, Gaddala Prem, T. Suseela and A.V.D. Dorajee Rao	224	232
29	EVALUATION OF ANTIMYCOTIC POTENTIAL OF BOTANICAL EXTRACTS AND BIOAGENT AGAINST MAJOR PLANT PATHOGENIC FUNGI	Nishant Gaurav, S.K. Biswas, Anju Shukla, Pradyumn Kumar Singh, Akash Kumar, Prabha Siddharth and Saurabh Saini	233	240
30	GENETIC DIVERSITY ASSESSMENT AND TRAIT ASSOCIATION IN INDIAN MUSTARD (<i>BRASSICA JUNCEA</i> L. CZERN& COSS) GENOTYPES FOR AGRO-MORPHOLOGICAL CHARACTERISTICS	Mahesh Upadhyay, Mukesh Kumar, Prafulla Kumar, Abhay Kumar and Ankit Agrawal	241	254
31	STUDIES ON PREPARATION OF BLENDED AONLA (<i>EMBLICA OFFICINALIS</i>) AND GUAVA (<i>PSIDIUM GUAJAVA</i>) TOFFEE	Siriki Anusha, S. R. Dalal, S. G. Bharad and Y. V. Ingle	255	260
32	SURVEY ON THE OCCURRENCE OF NEMATODE-TRAPPING FUNGI IN DIFFERENT SOIL HABITATS OF UTTAR PRADESH, INDIA	Ashok Kumar, Yogesh Kumar, Dharmendra Kumar, Nilesh Kumar Sahani, Sakshi Pandey and Yogendra	261	268
33	IMPACT OF P, S AND Zn LEVELS WITH BIO-INOCULANTS ON GROWTH, YIELD AND NUTRIENTS UPTAKE IN MUNGBEAN (<i>VIGNA RADIATA</i> L.)	Pooja Goswami, Pratibha Bisen, Shraddha Karcho and Vinod Bharati	269	276
34	MANAGEMENT OF ROOT ROT AND DAMPING-OFF DISEASE IN PAPAYA (<i>CARICA PAPAYA</i>) OVER THE YEARS: A REVIEW	R.N. Singh, Santosh Kumar Singh, R.B. Shrama and R.K. Jha	277	283
35	STUDY OF GENETIC DIVERSITY ON MORPHOLOGICAL TRAITS FOR VARIOUS GENOTYPES OF CORIANDER (<i>CORIANDRUM SATIVUM</i> L.)	Pratiksha N. Kharat, Vaibhav D. Wadekar and Amol S. Bhukan	284	292
36	EFFECT OF ORGANIC AND INORGANIC FERTILIZER ON YIELD PARAMETERS OF CHILLI (<i>CAPSIUM ANNUM</i> .) CV. KAVERI	Akanksha Verma and Uzma Khatoon	293	295
37	EFFECT OF ESTABLISHMENT METHODS AND NUTRIENT MANAGEMENT PRACTICES ON GROWTH, YIELD, NUTRIENT UPTAKE, QUALITY AND ECONOMICS OF RICE (<i>ORYZA SATIVA</i> L.)	Jaya Bharti, Ashok Kumar Singh, C. S. Singh, Arvind Kumar Singh, Meeta Kumari and Ranveer Kumar	296	301
38	EFFECT OF PRE-STORAGE PULSING AND STORAGE DURATION ON QUALITY AND LONGEVITY OF CUT IRIS SPIKES (<i>IRIS CROCEA JACQUEM</i>)	Nasreen Fatima, Imtiyaz Tahir Nazaki, Gazanfer Gani and Mohd Abass	302	307
39	EVALUATION OF CERES-BARLEY MODEL AND ITS VALIDATION UNDER VARYING GROWING ENVIRONMENTS	Renu, Raj Singh, Anil Kumar, C.S. Dagar and Mehak Nagora	308	316
40	ORGANIC MANAGEMENT OF CUCURBIT MOSAIC DISEASE IN CUCUMBER (<i>CUCUMIS SATIVUS</i> L.)	Ratna Chanu Konjengbam, Ranima Mishra, Nirmali Borah, Budha Bora, Nirmal Mazumder and Nayanmoni Buragohain	317	327
41	EFFECT OF BIOFORTIFICATION OF FE AND ZN ON YIELD AND YIELD ATTRIBUTE OF DURUM WHEAT (<i>TRITICUM DURUM</i>) IN VERTIC USTOCHREPTS SOIL	N.R. Bumbadiya, J.K. Parmar, S.N. Shah and Aakash Mishra	328	332

S. No.	TITLE	AUTHOR	PAGE NO.	
42	PERFORMANCE OF WHEAT (<i>TRITICUM AESTIVUM</i> L.) AS INFLUENCED BY ZINC APPLICATION IN COMBINATION WITH PRIMARY NUTRIENTS IN MID-HILLS OF HIMACHAL PRADESH INDIA	Divyanshu Prashar, Rajendra Kumar, Abhishek Sharma and Mukesh Kumar	333	339
43	ESTIMATION OF HETEROSIS FOR YIELD AND ITS CONTRIBUTING TRAITS IN BRINJAL (<i>SOLANUM MELONGENA</i> L.)	Priyanka Panwar, Satish Chandra Pant, Sheetal Rana and Vatsala Tewari	340	345
44	SEED PRIMING: AN OLD EMPIRICAL TECHNIQUE WITH NEW HOLISTIC APPROACHES TO INCREASE THE TOLERANCE OF PLANTS TO SALT AND DROUGHT STRESS	Rahul Kumar, Virender Singh Mor, Sultan Singh, Gagandeep Singh, Mohit Kamboj, Akhil Bharti, and Jasdev Singh	346	360
45	INTER CHARACTERS RELATIONSHIP IN INDIAN MUSTARD (<i>BRASSICA JUNCEA</i> L. CZERN & COSS)	Kuldeep Yadav, Mahak Singh, Lokendra Singh, Niharika Yaduvanshi, Ankitesh Kumar and Ajeet Jaiswal	361	366
46	ASSESSMENT OF GENETIC VARIABILITY, CORRELATION AND PATH COEFFICIENT FOR YIELD AND ITS CONTRIBUTING TRAITS IN EXOTIC AND INDIGENOUS BARLEY (<i>HORDEUM VULGARE</i> L.).	Kuldeep Yadav, K. N. Maurya, Abhinav Yadav, Raj Kumar, Nirdesh Kumar Chaudhary and Ankitesh Kumar	367	372
47	EFFECT OF PHOSPHORUS AND MICRONUTRIENTS ON GROWTH AND YIELD OF GREENGRAM (<i>VIGNA RADIATA</i> L.)	Mukke Sejal Pradeepand Shikha Singh	373	377
48	INDOLE-3-ACETIC ACID (IAA) AND KINETIN (KN) MEDIATED REGULATION OF AsA-GSH CYCLE: A PROTECTIVE STRATEGY OF RICE SEEDLINGS TO COUNTER ARSENIC (As) TOXICITY	Dinendra Kumar Mishra, Shweta, Prabhat Kumar Sriavastavaand Jitendra Kumar	378	390
49	AONLA (<i>EMBLICA OFFICINALIS</i>): ROLE IN HEALTH MANAGEMENT VIA CONTROLLING VARIOUS BIOLOGICAL ACTIVITIES	Shreyasi Das, Jaya Bijaya Biraja Das, Omveer Sharma, Vibhu Pandey, Imran Ali, Sweta Raj, Deepika Kiro and Preeti Kumari	391	409
50	INTEGRATED MANAGEMENT OF PESTS IN RICE: APPROACHES AND IMPLEMENTATION	Longjam Boris Singh, Laikangbam Shalini, S. Zeshmarani, Chuwang Hijam, S. Prabin Singh and Maqbool Qutub	410	422
51	PRECISION FARMING: TECHNOLOGIES, APPLICATIONS, AND CHALLENGES IN MODERN AGRICULTURE: A REVIEW	D. Eswar Teja	423	432
52	EVALUATION OF GROUNDNUT FOR GROWTH, YIELD AND SEED QUALITY FOR CULTIVATION IN UTTARAKHAND HILL AGRO-ECOSYSTEM	Janapareddy Rajesh, Aman Kumar, Sukriti Saha, J. S. Chauhan and P. C. Nautiyal	433	439
53	EXPLORING THE GENETIC POTENTIAL FOR ENHANCING NUTRITIONAL QUALITY AND YIELD IN TOMATO: HERITABILITY AND GENETIC ADVANCE INSIGHTS TOMATO BREEDING: TRAITS AND GENETICS	Anshuman Mishra, Aastik Jha, C. N. Ram, Ankit Yadav and Vinay Kumar Pandey	440	447
54	ASSESSMENTS OF GENETIC VARIABILITY, HERITABILITY AND GENETIC ADVANCE IN BRINJAL (<i>SOLANUM MELONGENA</i> L.)	Vinay Kumar Pandey, Aastik Jha, C.N. Ram, Anshuman Mishra, Sandeep Yadav and Virendra Kumar	448	452
55	<i>IN VITRO</i> EVALUATION OF FUNGICIDES, ESSENTIAL OILS AND BIOAGENTS AGAINST <i>ALTERNARIA</i> LEAF SPOT OF ASHWAGANDHA (<i>WITHANIA SOMNIFERA</i> L.) CAUSED BY <i>ALTERNARIA ARBORESCENS</i>	S.J. Deshmukh, S.B. Gawade, S. B. Latake, S. V. Kolase, R.T. Gaikwad, S.D. Shinde, D.H. Sarnobat, B.Y. Pawar and S.A. Raut	453	460
56	VARIABILITY ANALYSIS IN COLOCASIA (<i>COLOCASIA ESCULENTA</i> L. SCHOTT) UNDER THE LOW HILL CONDITIONS OF HIMACHAL PRADESH INDIA	Rishabh Kumar, B.S. Dogra, Jasdeep Kaur and Nikhil Thakur	461	466
57	ECO-WEEDING IN OKRA: ASSESSING HERBICIDE-FREE STRATEGIES, MULCHING AND THEIR ROLE IN NUTRIENT OPTIMIZATION AND WEED SUPPRESSION	Sadhana Kongala, Venkateswara Reddy, Veena Joshi, Madhavi Molluru and Ram Prakash	467	478
58	MICROGREENS: TINY LEAVES, TREMENDOUS POTENTIAL – REVOLUTIONIZING NUTRITION AND URBAN FARMING	Sadhana Kongala and Thallapally Baby Rani	479	489
59	A REVIEW OF AVAILABLE PHOSPHOROUS FERTILIZER IMPACT ON GROWTH AND DEVELOPMENT OF WHEAT	Saniya Syed, Krishnanand Yadav, Devendra Singh, Deo Kumar, Arjun Sharma, Parvind Yadav and Jugulkishor Tiwari	490	501
60	EFFECT OF GROWING MEDIA AND LIGHT INTENSITY ON GERMINATION AND GROWTH OF <i>PROSOPIS CINERARIA</i> (L.) DRUCE SEEDLINGS	Suruchi Kumari, S.B.S. Pandey, Prahlad V.C., Kanica Upadhyay and Rahul Chopra	502	514
61	ROLE OF PLANT GROWTH REGULATORS IN FLOWER INDUCTION AND QUALITY ENHANCEMENT: A REVIEW	Jaya Bijaya Biraja Das, Swapnil Bharti, Ravi Pratap Singh, Devi Singh, Lakhwinder Singh, G. Ranganna, Purnima Singh Sikarwar and Surender Kumar	515	523

S. No.	TITLE	AUTHOR	PAGE NO.	
62	STUDIES ON THE EFFICACY OF HOMEOPATHIC MEDICINES ON GROWTH AND YIELD POTENTIAL OF OYSTER MUSHROOM (<i>PLEUROTUS SAJOR-CAJU</i> FR. SINGER)	Priyanshu Singh, S.K. Biswas, Anju Shukla, Shivam Kumar, Sneha Gupta, Saurabh Saini, and Akash Kumar Kamal	524	530
63	ENHANCING AGRICULTURAL KNOWLEDGE THROUGH KISAN PATHSHALAS: A STUDY OF FARMERS IN JAUNPUR DISTRICT, UTTAR PRADESH, INDIA	Surendra Pratap Sonkar and Pradeep Kumar Yadav	531	535
64	GENETIC VARIABILITY, CORRELATION AND PATH ANALYSIS IN CLUSTER BEAN (<i>CYAMOPSIS TETRAGONOLOBA</i> L. TAUB.)	Janki N. Sathwara, P. J. Patel and Rajesh J. Panchal	536	542
65	FARMERS AWARENESS OF SOIL TESTING AND USEFULNESS OF THE SOIL HEALTH CARD	Raushan Kumar, Arpita Sharma Kandpal and Anil Kumar	543	548
66	EVALUATION OF GROWTH PERFORMANCE OF <i>SWIETENIA MACROPHYLLA</i> UNDER SOIL-LESS POTTING MIXTURE IN KONKAN REGION OF MAHARASHTRA, INDIA	S.V. Desai, V.D. Tripathi, A.D. Rane, S.S. Narkhede, Pradyumna Prataprao Deshmukh and M. M. Kulkarni	549	553
67	KNOWLEDGE RELATED TO CUSTOM HIRING SERVICE CENTRES IN NORTH-EASTERN AND THE SOUTH-WESTERN AGRO-CLIMATIC ZONES OF HARYANA INDIA: AN OWNER-CENTRIC STUDY	Amit Kumar, Subhash Chander, Vinod Kumari and Virender	554	561
68	MORPHO-PHYSIOLOGICAL ANALYSIS OF LOW CHILLING APPLE VARIETIES IN ASSAM INDIA	Ruprekha Buragohain, Bikash Hazarika, Bhabesh Deka, S. Helena Devi and Manha Bathari	562	568
69	INTERACTION AND TOXICITY EVALUATION OF NOVEL INSECTICIDES AND FUNGICIDES WITH ENTOMOPATHOGENIC FUNGI <i>PAECILOMYCES LILACINUS</i> FOR SUSTAINABLE PEST MANAGEMENT	Rudra Kumar Porte, V. K. Nirmalkar and R.K.S. Tiwari	569	579
70	EVALUATING CONSTRAINTS AND JOB SATISFACTION AMONG TEA GARDEN WORKERS	Rekha Khalkho and Souvik Ghosh	580	587
71	GROWTH PERFORMANCE OF <i>SANTALUM ALBUM</i> WITH SECONDARY HOSTS UNDER SANDALWOOD BASED AGROFORESTRY SYSTEM EXISTING IN FRAMER'S FIELD OF MAHARASHTRA, INDIA	Nanita Berry and Pankaj Kumar	588	591
72	ENHANCING GROWTH, YIELD AND ECONOMIC VIABILITY OF LEMONGRASS (<i>CYMBOPOGON FLEXUOSUS</i> CV. KRISHNA) THROUGH SEAWEED EXTRACT	Dukchuk Tamang, Apurba Bandyopadhyay and Dipak K. Ghosh L.K.N.	592	600
73	EFFECT OF BIJAMRITA AND OTHER ORGANIC LIQUIDS TREATMENTS ON SEED GERMINATION AND SEEDLING GROWTH OF RAJMA (<i>PHASEOLUS VULGARIS</i> L.)	D. Venkatesh Babu, B.N. Sandeep Naik, K. Bayyapu Reddy, P. Jogarao, T. Sunil Kumar and A. Appala Swamy	601	605
74	EFFECT OF INTEGRATED NUTRIENT MANAGEMENT ON YIELD, QUALITY AND UPTAKE OF NUTRIENTS IN WHEAT (<i>TRITICUM AESTIVUM</i> L.) CROP IN AGRA REGION OF INDIA	Varun Kumar, Vipin Kumar, Sarvajeet, and Akanksha	606	611
75	IMPACT OF NITROGEN LEVELS AND PLANT SPACING ON GROWTH, YIELD, AND ECONOMICS OF PROSO MILLET (<i>PANICUM MILIACEUM</i> L.)	Gopi Krishna K., Rajesh Singh, Akankhya Pradhan and K. Sai Shivani	612	615
76	GENOTYPIC EVALUATION OF CHERRY TOMATO (<i>SOLANUM LYCOPERSICUM</i> VAR. <i>CERASIFORME</i>) FOR GROWTH, YIELD AND QUALITY TRAITS UNDER PROTECTED CULTIVATION	Riya Pandey, Dharendra Singh, Lalit Bhatt, Alka Verma and Sanjay Kumar Verma	616	621
77	EFFECT OF DIFFERENT CONCENTRATION OF NATURAL ANTIOXIDANT ON THE QUALITY OF MAHI MAHI (<i>CORYPHAENA HIPPURUS</i> L.) STORED UNDER REFRIGERATED CONDITION	Mohit Bamaniya, D.V. Bhola and B. G. Chudasama	622	628
78	EXPERT SYSTEM FOR AGRICULTURAL EXTENSION: A REVIEW OF RECENT DEVELOPMENTS	Bhanita Baruah, Loukham Devarani, P.M.N. Rani and Bunil Kumar Balabantaray	629	639
79	MARGINAL IMPACT OF DETERMINANTS AFFECTING CROP DIVERSIFICATION IN THE STATE OF RAJASTHAN USING TOBIT REGRESSION APPROACH	Lekha Kalra and Rakesh Singh	640	646
80	RESPONSE OF PHOSPHORUS LEVELS, FYM, AND NANO ZINC ON GROWTH AND BIOMASS ACCUMULATION OF WHEAT	Saniya Syed, Jugul Kishor Tiwari, Deo Kumar, Jagannath Pathak, G.S. Panwar, Gaurav Shukla, Suraj Mishra and Abhishek Mourya	647	652
81	EVALUATION OF SEASONAL INCIDENCE OF RICE GUNDHI BUG (<i>LEPTOCORISA ACUTA</i> THUNBERG) IN RELATION TO WEATHER PARAMETERS	Pradeep Yadav, Vandana Yadav, Abhishek Kumar Yadav, Mohit Tiwari, Akash Singh, Sourabh Maheshwari, Ashish Rathore and Pankaj Kumar	653	656

S. No.	TITLE	AUTHOR	PAGE NO.	
82	IDENTIFICATION OF K-EFFICIENT CASSAVA LINES SUITABLE FOR COASTAL ZONE OF ANDHRA PRADESH, INDIA	M. Janaki, P. Ashok, K. Mamatha and A. Pavani Priyanka	657	662
83	UNVEILING GENETIC DIVERSITY AND CORRELATION OF ADVANCED BREEDING LINES IN PADDY (<i>ORYZA SATIVA</i> L.)	Manjunatha B. and Niranjana Kumara B.	663	668
84	INTEGRATED EFFECT OF CROP AND LIVESTOCK-BASED FARMING SYSTEM ON INCOME AND EMPLOYMENT GENERATION OF MARGINAL FARMERS	Rahangdale Muskan, Yadav Kamini, Giri A.K. and Maurya B.M.	669	676
85	GROWTH PERFORMANCE OF <i>MELIA AZEDARACH</i> , <i>MELIA COMPOSITA</i> AND <i>MELIA DUBIA</i> SEEDLINGS IN RESPONSE TO PRE-SOWING TREATMENT UNDER NURSERY CONDITION OF SHIVALIKS REGION OF LOWER HIMALAYAS	Varun Srivastva, N. S. Raina, Vishal Mahajan and Saresh N.V.	677	681
86	PERFORMANCE OF INTEGRATED NUTRIENT MANAGEMENT IN YIELD AND ECONOMIC TRAITS OF BOTTLE GOURD (<i>LAGENARIA SICERARIA</i> MOL. STANDL.) CV. PUSA NAVEEN	Jigyasa Wadiwa, Habil Dongre and K.V. Singh	682	685
87	AMMI ANALYSIS TO ESTIMATE GENOTYPE X ENVIRONMENT INTERACTION OF MALT BARLEY GENOTYPES	Om Veer Singh, Jogendera Singh, Lokendera Kumar, Chuni Lal and Ajay Verma	686	692
88	ASSESSMENT OF ANALYSIS OF VARIANCE, HERITABILITY GENETIC ADVANCE AND GENETIC DIVERSITY IN BETEL VINE (<i>PIPER BETLE</i> L.) GENOTYPES USING MORPHOLOGICAL CHARACTERS	Luchika Rana, Vikky Kumar, Sujit, Deepika Sahu and Alice Tirkey	693	703
89	EFFICACY OF INSECTICIDES AND BIO-PESTICIDES AGAINST LEAF HOPPER/JASSID (<i>EMPOASCA KERRI</i>) AND SPOTTED POD BORER (<i>MARUCA VITRATA</i>) INFESTING COWPEA	Aditya Kumar Sharma, Amarendra Pratap Singh, Sushil Kumar, Ankit Kumar and Rahul Raj	704	708
90	VARIABILITY STUDIES IN FRUIT PREFERENTIAL TRAITS OF BAEI (<i>AEGLE MARMELOS</i> CORREA)	Paramanand Prajapati, Om Prakash, Akhilesh Kumar Srivastava, Subhash Chandra Singh, Ashutosh Rai, Vaishali Gangwar, Vishvajeet Singh and Siddharth Kumar	709	715
91	EFFECT OF PLANT GEOMETRY AND WEED MANAGEMENT ON PRODUCTIVITY AND PROFITABILITY OF SUMMER PROSO MILLET	Seetendra Kumar, Kaushal Kishor, Sweta Mishra, Bharati Upadhaya, Bora Santhosh, Sateesh Maurya and Arun Kumar Maurya	716	722
92	EFFECT OF POWDERY MILDEW ON PEA CAUSED BY ERYSPHE PISI AND ITS MANAGEMENT	Yasir Jamal, Indramani Bhagat and Bishnu Dev Das	723	735
93	DEFENCE PRIMING: A PROMISING APPROACH FOR SUSTAINABLE CROP PROTECTION	Srijan Samanta, Amitava Dutta and Javed Akhtar	736	745
94	INTERPRETING THE EFFECTS OF CLIMATE CHANGE ON PRECIPITATION IN NAVSARI, GUJARAT: TRENDS, VARIABILITY AND IMPLICATIONS	Jay Delvadiya, Y. A. Garde, A. D. Kalola, A. P. Chaudhary, Anand Prajapati and Raju V.	746	755
95	INDUSTRIAL AND EXPORT POTENTIAL OF MANGO IN INDIA: A REVIEW	Viral Chaudhari, Yuvraj Rajput, Krunal Patel, Sristi Sharma and Ajitkumar Vachhani	756	761
96	MARKETING CONSTRAINTS AMONG MANGO GROWERS: A CASE STUDY OF JUNAGADH AND GIR-SOMNATH DISTRICTS, GUJARAT, INDIA	Ajitkumar Vachhani, Viral Chaudhari, Tejal Chaudhari and Yuvraj Rajput	762	768
97	IMPACT OF BOTANICAL-BASED NANO-FORMULATIONS AS SEED PRIMING ON GERMINATION AND SEEDLING QUALITY IN OKRA (<i>ABELMOSCHUS ESCULENTUS</i> L.)	K.B. Chaudhary, A. P. Trivedi, G. B. Patil, S. J. Macwan and Gelot Sumersinh	769	775
98	EFFECT OF DIFFERENT GROWING MEDIA AND PLANTING DATES ON GROWTH AND FLOWERING OF CALENDULA (<i>CALENDULA OFFICINALIS</i> L.)	Nikita Maurya, Ajay Kumar Singh, Ajay Kumar, Amit Kumar Maurya, Piyush Singh and Rajat Verma	776	781
99	GENETIC DIVERGENCE ANALYSIS AND INSIGHTS OF DIVERSITY IN WHEAT	Dayanand Bana, S. D. Solanki, J. M. Patel, Sourabh Kumar and H. N. Zala	782	786
100	CYTOGENETIC APPROACHES TO UNDERSTANDING DROUGHT TOLERANCE IN WHEAT: A REVIEW	Shivika Pareek, Reginah Pheirim, Gheware Abhimanyu, Sanket Shinde, Rajlaxmi Nilesh Raut, Himanshi Tanwar and Tanvi Tripathi	787	799
101	EFFECT OF MEPIQUAT CHLORIDE ON VEGETATIVE GROWTH, FLOWERING AND YIELD OF PUMPKIN (<i>CUCURBITA MOSCHATA</i> DUCH. EX. POIR)	Rohit Singh and Anand Kumar Singh	800	805
102	NANOTECHNOLOGY: A SOLUTION FOR MITIGATING AGRICULTURAL POLLUTION	Barenaya Gogoi, Chereddy Maheshwara Reddy, Kalyan Pathak and Raihana Habib Kanth	806	816

S. No.	TITLE	AUTHOR	PAGE NO.	
103	EFFECT OF <i>PSEUDOMONAS FLUORESCENS</i> AND ESSENTIAL OILS ON EARLY BLIGHT OF TOMATO (<i>SOLANUM LYCOPERSICUM</i> L.) CAUSED BY <i>ALTERNARIA SOLANI</i> (ELLIS) MARTIN	Aditi Thakur and Shashi Tiwari	817	822
104	YIELD LOSS CAUSED BY FALSE SMUT DISEASE ON POPULAR RICE CULTIVARS	Sharanabasav Huded, Pramesh Devanna, Chidananda Nayak, Usha Indrajeet, Padma Priya Dani, Raghunandana Adke, Pushpa Hanasi, Muthakapalli Krishnareddy Prasannakumar, Manjunatha Channappa, Mahanthashivayogayya, and Sujay Hurali	823	835
105	COMBINING ABILITY AND GENE ACTION STUDIES FOR GRAIN YIELD, AND OTHER AGRO-MORPHOLOGICAL CHARACTERS IN RICE (<i>ORYZA SATIVA</i> L.)	T. Saketh, V. Gouri Shankar, B. Srinivas and Y. Hari	836	843
106	CORRELATION STUDIES IN GLADIOLUS	Apoorva Guddaraddi, N.S. Gupta, P.K. Nagre and N.R. Potduke	844	849
107	SURPRISING PERFORMANCE OF GENOTYPES OBSERVED UNDER RAINFED CONDITION DURING STUDY OF GENETIC VARIABILITY, CORRELATION, PATH AND D ² ANALYSIS IN MUNGBEAN (<i>VIGNA RADIATA</i> L. WILCZEK)	H.D. Pandya, K.N. Chaudhari, R.K. Kalaria, K.P. Kapadia, K.G. Baria, Naresh Chaudhary, P. G. Bagadiya and K.M. Jani	850	863
108	EFFECT OF HOLDING SOLUTIONS AND OPTIMIZATION OF HARVEST STAGE ON DENDROBIUM ORCHIDS CV. SONIA 17 FOR IMPROVING HE VASE LIFE OF CUT SPIKES	M. Sanghamitra, J. Dilip Babu, B.V.K. Bhagavan, D.R. Salomi Suneetha and K. Uma Krishna	864	870
109	GENETIC VARIABILITY, CHARACTER ASSOCIATION AND DIVERGENCE STUDIES OF F ₆ FAMILIES OF AROMATIC RICE	Anurag Kumar, Pratishruti Sahoo and Nihar Ranjan Chakraborty	871	880
110	A COMPREHENSIVE REVIEW ON PHENOTYPIC AND AGRONOMIC CHARACTERIZATION OF FIELD PEA (<i>PISUM SATIVUM</i> L.) IN INDIA	Mudit Pandey, Sachchida Nand Mishra, Udit Pandey, Ansar Ahmad, Jay Prakash and Rahul Kumar Patel	881	888
111	A COMPREHENSIVE REVIEW OF THE VERSATILE ROLES OF <i>PONGAMIA PINNATA</i> (L.) PIERRE: ENVIRONMENTAL IMPACTS, MEDICINAL APPLICATIONS AND ECONOMIC POTENTIAL	Sonam Chaudhary, Amit Yadav, Ghanshyam Sharma and Indu Singh Sankhla	889	901
112	EFFECT OF PROCESSING ON NUTRIENT AND NON-NUTRIENT COMPOSITION AND FUNCTIONAL PROPERTIES OF FOXTAIL MILLET (<i>SETARIA ITALICA</i> L.) VARIETY OF ASSAM, INDIA	Rinza Borah, Samindra Baishya, Rejaul Hoque Bepary, Sunayana Rathi and Manashi Das Purkayastha	902	910
113	STRATEGIC USE OF PHYTOHORMONES TO BOOST LITCHI (<i>LITCHI CHINENSIS</i> SONN.) PRODUCTION AND FRUIT EXCELLENCE	Ujjwal Singh, Sukjai Dhar, Divyani Rai, Rajeshvari I Rathava, Nitisha Chettri, Dikhasmita Bezbarua, Shaipharson Syngkon and Devendra Prasad Saha	911	920
114	INNOVATIONS IN MICROALGAE-BASED WASTEWATER REMEDIATION, WHICH SIMULTANEOUSLY RECOVERS VALUE-ADDED PRODUCTS FROM INDUSTRIAL AND NON-INDUSTRIAL WASTEWATER: A REVIEW	Shuchita Pandey, Rahul Soni, Poornima Devi, Parul Singh and Amita Pandey	921	932
115	STUDIES ON PRE AND POST PROCESSING QUALITY CHANGES IN DIFFERENT RECIPES OF AONLA SHREDS	Anchal Singh, Navaldey Bharti, Sarita Devi Gupta and Awadhesh Kumar	933	936
116	PLANT PARASITIC NEMATODE DIVERSITY IN SATHGUDI SWEET ORANGE ORCHARDS OF TELANGANA STATE, INDIA	K. Kiran Kumar, Naresh M. Meshram, Thirugnanavel Anbalagan, Darshan M. Kadam and Ashis K. Das	937	942
117	ROLE OF MAGNESIUM NITRATE AND BORIC ACID ON GERMINATION AND SEEDLING GROWTH IN WHEAT (<i>TRITICUM AESTIVUM</i> L.) GENOTYPE HUW-468	Payal Chakraborty	943	949
118	INFLUENCE OF DIFFERENT PH LEVELS ON WINE PREPARED FROM NAGPUR MANDARIN USING <i>SACCHAROMYCES CEREVISIAE</i>	Anjali M. Gaharwar, R. M. Shinde and D. L. Wasule	950	956
119	STRATEGIC FODDER RESOURCE MANAGEMENT FOR ENHANCED LIVESTOCK HEALTH AND PRODUCTIVITY IN INDIA	Akhil Bharti, Aaina Sharma, Ranjeet Singh Bochalya, Sultan Singh and Mohit Kamboj	957	963
120	DEVELOPMENT OF NUTRITIOUS COOKIES USING LESSER YAM (<i>DIOSCOREA ESCULENTA</i>) FLOUR BLENDED WITH MORINGA LEAF POWDER AND PALM JAGGERY FOR A HEALTHIER ALTERNATIVE TO REFINED SUGAR BASED COOKIES	Ramakrishna A., Prasanna Kumar B., Venkata Swami D. and Salomi Suneetha D.R.	964	973
121	EXAMINING VARIABILITY AND COEFFICIENTS OF TRAIT ASSOCIATIONS AMONG WHEAT YIELD AND ITS ATTRIBUTES	Neha, Saurabh Singh and Chetariya C.P.	974	981
122	RECENT PROGRESS IN PHYSIOLOGICAL RESPONSES AND MOLECULAR STRATEGIES FOR DROUGHT	Vineeth Kumar M., Chetariya C. P., Puneet Walia and Ansa P. John	982	994

S. No.	TITLE	AUTHOR	PAGE NO.	
	TOLERANCE IN RICE			
123	REMIEDIATING HEAVY METAL POLLUTION THROUGH PLANTS AN OVERVIEW OF PHYTOREMEDIATION TECHNIQUES AND IMPACT	Sagnik Ghatak	995	1004
124	DIVERSITY STUDIES ON FLORAL AND POMOLOGICAL CHARACTERISTICS OF NATIVE BAEI (<i>AEGLE MARMELOS</i> CORREA) ACCESSIONS OF MAHASAMUND DISTRICT OF CHHATTISGARH, INDIA	Yogesh Kumar Chandrakar, Deepanjali Kashyap, Varsha Minz, Tarun Sonkar and Kajal Sahu	1005	1016
125	IMPACT OF <i>AZOTOBACTER</i> WITH CHEMICAL FERTILIZERS ON GROWTH AND YIELD OF BRINJAL (<i>SOLANUM MELONGENA</i> L.) UNDER MID-HILLS OF HIMACHAL PRADESH, INDIA	Priyanka Devi, Manish Chauhan, Sandeep Kumar, Ravinder Kumar, Komal Sharma and Abhishek	1017	1025
126	MULTIVARIATE ANALYSIS OF GRAIN YIELD AND ITS RELATED TRAITS IN WHEAT (<i>TRITICUM AESTIVUM</i> L.) UNDER SOUTHEASTERN HUMID PLAIN ZONE OF RAJASTHAN INDIA	Bhuri Singh, Sanjay Kumar Sharma, Vivechana Rajpoot, Rajesh Kumar and Khajan Singh	1026	1034
127	DEVELOPMENT AND EVALUATION OF PRECISE SEED METERING UNIT FOR SOYBEAN	Rohit Namdeo, Atul Kumar Shrivastava, Avinash Kumar, Prabhat Kumar Guru, Manish Patel, Rakesh Paliwal Y. Nandini, and Indraveer Singh	1035	1041
128	AGRO-MORPHOLOGICAL CHARACTERIZATION AND GENETIC VARIABILITY OF GERMPLASM ACCESSIONS OF RICE (<i>ORYZA SATIVA</i> L.)	Guman Singh, Deepak Gauraha and Abhinav Sao	1042	1046
129	EVALUATION OF EMS INDUCED MUTATION IN MORPHOLOGICAL TRAITS OF ARROWHEAD (<i>SYNGONIUM PODOPHYLLUM</i>)	Shaik Mohammad Firoze, Homraj Sahare, Gandla Gangadhar and H.B. Lalrinawma	1047	1051
130	ECONOMIC EVALUATION OF RICE PRODUCTION UNDER THE FARMER FIRST PROGRAMME: EVIDENCE FROM SMALLHOLDER FARMERS OF JABALPUR, MADHYA PRADESH, INDIA	Chetan Kumar Meena, Hari, R., Priyanka Prajapati, S. R. K. Singh, Devesh Upadhyay, Anil Kumar Shinde and Ruchi Singh	1052	1061
131	EFFECT OF BIO PRIMING OF WHEAT WITH <i>TRICHODERMA HARZIANUM</i> AND INTEGRATED USE OF ORGANIC AND INORGANIC SOURCES OF NITROGEN ON PHYSICAL, CHEMICAL AND BIOLOGICAL PARAMETERS OF EXPERIMENTAL SOIL	Prateek Kumar, Saroj Kumar Prasad and Sanjeev Kumar	1062	1067
132	DIACETYL INDUCED SUSPENDED ANIMATION AND CHEMOTAXIS RESPONSE TO VOLATILE CHEMICALS: A COMPARATIVE STUDY IN DIFFERENT STRAINS OF <i>CAENORHABDITIS ELEGANS</i>	K. Shruthi Nagaral, Siddanakoppalu N. Pramod, B. Kisan, Ramakrishna D., Shaheen Jafri Ali, Akash Suman, Niranjana Pathappa, Rajeshwara N. Achur and Ayyangouda Patil	1068	1076
133	VARIABILITY STUDIES IN F ₆ POPULATION OF BOTTLE GOURD (<i>LAGENARIA SICERARIA</i> (MOLINA) STANDL.)	N. Harika, G. Narasimha Murthy, E. Padma and K. Umakrishna	1077	1081
134	POPULATION DYNAMICS OF PINK SUGARCANE MEALYBUG <i>SACCHARICOCCLUS SACCHARI</i> (COCKERELL) ON SUGARCANE AGRO-ECOSYSTEMS OF PUSA, BIHAR, INDIA	Veeresh Kumar, Anil Kumar and Sidh Nath Singh	1082	1086
135	STUDY ON YIELD AND QUALITY ATTRIBUTES OF MANGO (<i>MANGIFERA INDICA</i> L.) COMMERCIAL VARIETIES UNDER COASTAL ANDHRA PRADESH, INDIA	K. Nissi Olive, K. Radha Rani, M. Madhavi and B. Kanaka Maha Lakshmi	1087	1091
136	EFFECT OF NURSERY GROWING MEDIA FOR QUALITY SEEDLING PRODUCTION OF MARIGOLD, CALENDULA, DIANTHUS, AND SALVIA	Dweepjyoti Sarkar, Preeti Hatibarua, Ruchika Borbaruah, Madhumita Choudhury Talukdar, Dharmendra Naikwad and Dhruba Jyoti Nath	1092	1102
137	PRESERVING ASSAM'S GOLDEN LEGACY (MUGA SILK) THROUGH SCIENCE AND SUSTAINABILITY: A REVIEW	Sumalini Bora, Nimiksha Devi, Supriya Das, Sukanya Bhuyan, Dipandita Roy and Shyamal Jyoti Phukan	1103	1109
138	MODULATORY EFFECTS OF BIOCHAR AND WOOD VINEGAR ON <i>SCLEROTIUM ROLFII</i> COLONIZATION AND MULTIPARTITE INTERACTIONS OF <i>TRICHODERMA</i> SPP. IN AGRICULTURAL SOIL: A REVIEW	Puja Kundu, Priya Kundu and Anil Kotasthane	1110	1115
139	EFFECT OF MINIMUM TILLAGE AND CONVENTIONAL TILLAGE PRACTICE ON SOIL PHYSICAL PROPERTIES UNDER GROUNDNUT-BASED CROPPING SYSTEMS IN <i>VERTISOL</i>	Meti Ranjitha, S. T. Hundekar, Basavaraj S. Yenagi, Mahalaxmi Shrishail Devarnavadgi, Adithya Kunal, Chaya G. B. and Veeresh Basavaraj Katti	1116	1122
140	SENSITIVITY ASSESSMENT OF <i>PLASMOPARA VITICOLA</i> AGAINST MEFENOXAM UNDER IN VITRO CONDITIONS	Shital Pharate and Sujoy Saha	1123	1130
141	FROM WASTE TO WORTH: INNOVATIVE STRATEGIES FOR MITIGATING AGRICULTURAL POLLUTION AND ADVANCING RENEWABLE ENERGY SOLUTIONS	Sayan Debsingha, Rohit Kumar Choudhury, Debjit Chakraborty, Krisanu Golui, Souvik Sadhu, and Sumana Balo	1131	1149

S. No.	TITLE	AUTHOR	PAGE NO.	
142	ENERGY ANALYSIS OF MAIZE PRODUCTION SYSTEMS IN NAGARKURNOOL DISTRICT, TELANGANA, INDIA	Ch. Sravan Kumar and M. Shankar	1150	1153
143	SPATIOTEMPORAL ANALYSIS OF CLIMATIC VARIABILITY IN THE CENTRAL PLAINS OF UTTAR PRADESH INDIA	Nilesh Kumar Singh and Shraddha Rawat	1154	1160
144	MUSICAL INFLUENCE ON PROTEIN DYNAMICS IN GERMINATING FENUGREEK SEEDLINGS UNDER DIFFERENT MUSIC GENRES	Riya Kumari, Goral Jani and Maulik Gadani	1161	1165
145	WHEAT PRODUCTIVITY OPTIMIZATION THROUGH ORGANIC NUTRIENT SOURCES UNDER SYSTEM OF WHEAT INTENSIFICATION IN EASTERN UTTAR PRADESH INDIA	Anu Nawhal, Shikha Singh, Naveena, Shalini B. Masih, Abhilash S., Roshan Hrangkhwal, Kancharla Cris John Sanjeev and Judy K. Lalrinsangi	1166	1176
146	EXPLORING SOURCE VARIATION IN <i>ULMUS VILLOSA</i> BRANDIS ACROSS THE KASHMIR HIMALAYAS: INSIGHTS INTO SEED MORPHOLOGY, GERMINATION, AND GENETIC TRAITS	Mubariz Mehak, Ashfaq A. Mir, P.A. Khan, M. M. Rather, M. I. Jeelani and M. A. Islam	1177	1187
147	GENETIC DIVERGENCE STUDIES OF CROSSES DEVELOPED THROUGH NORTH CAROLINA DESIGN-I, II AND III IN COTTON (<i>GOSSYPIMUM HIRSUTUM</i> L.)	A. P. Chaudhary, Y.A. Garde, B. A. Chaudhari, P. B. Patel, Alok Shrivastava, Nitin Varshney and Vishal Thorat	1188	1193
148	POPULATION BUILD-UP OF INSECT PESTS OF MUSTARD AND ITS CORRELATION WITH ABIOTIC FACTORS	Abhinav Srivastava, Pradeep Kumar, Ankit Singh and Balwant Yadav	1194	1198
149	ENERGY BUDGETING OF WHEAT USING DIFFERENT TILLAGE AND NUTRIENT MANAGEMENT PRACTICES IN BUNDELKHAND REGION OF INDIA	Rinku Kumar, Arun Kumar, Aniket H. Kalhapure, G. S. Panwar, Arbind Gupta, Annu, Shyam Singh and Sanjay Kumar	1199	1208
150	EMPOWERING RURAL LIVELIHOODS: DYNAMICS OF MUSHROOM ENTREPRENEURSHIP IN MEGHALAYA INDIA	Katiki Srikar, Loukham Devarani, Rajkumar Josmee Singh, Binodini Sethi, L Hemochandra and Bhanita Baruah	1209	1214
151	EVALUATION AND ASSESSMENT OF GENETIC VARIABILITY, HERITABILITY AND GENETIC ADVANCE FOR YIELD AND QUALITY RELATED TRAITS IN OKRA (<i>ABELMOSCHUS ESCULENTUS</i> L. MOENCH)	Govind Maury, Ashish Kumar Singh, Aastik Jha, Anil Kumar, Dhananjay Upadhyay, C.N. Ram, Priti Patel, Rajanikant, Brajpal Singh, Monu Kumar Chaudhari and Brijesh Patel	1215	1220
152	STUDY OF TEMPORAL DYNAMICS OF <i>MAGNAPORTHE ORYZAE</i> VIRULENCE IN RICE AND RACE STRUCTURE USING DIFFERENTIAL CULTIVARS AND MONOGENIC LINES	Akanksha Shukla, Smriti Dhruw, Aditya Shukla, R.S. Netam and Anil Kotasthane	1221	1228
153	QUALITY AND SEED CONTENT OF PINK AND WHITE FLESHED WINTER GROWN GUAVA CULTIVARS: A COMPREHENSIVE STUDY	M. Pavankumar, Ram Asrey, Amit Kumar Goswami, S.V. R. Reddy, P. Preethi, Harish T., and Rakesh Pandey	1229	1234
154	IMPACT OF BIOSYNTHESIZED ZINC OXIDE NANOPARTICLES (ZNO NPS) AND SILVER NANOPARTICLES (AG NPS) ON SEED PRODUCTION OF ONION (<i>ALLIUM CEPA</i> L.)	Nitesh Janardhan Wankhade and Vijay Ramdas Shelar	1235	1248
155	NEUROPROTECTIVE POTENTIAL OF <i>MORINGA OLEIFERA</i> AND <i>UVARIA NARUM</i> LEAF EXTRACTS ON GLYPHOSATE-INDUCED DOPAMINE NEURON DEGENERATION IN <i>CAENORHABDITIS ELEGANS</i>	K. Shruthi Nagaral, Siddanakoppalu N. Pramod, Kisan B., Sachin S. Patil, Niranjana Pathappa, Rajeshwara N. Achur and Ayyangouda Patil	1249	1257
156	INVESTIGATION OF GENETIC PARAMETERS FOR QUANTITATIVE TRAITS IN CHICKPEA (<i>CICER ARIETINUM</i> L.)	Sunil Kumar, Gera Roopa Lavanya, Shivani Choudhary, Mouli Paul and Rakhi Nandy	1258	1263
157	EFFECT OF INDOLE 3- BUTYRIC ACID (IBA) ROOTING MEDIA AND THEIR INTERACTION ON ROOT AND GROWTH CHARACTERISTICS OF DRAGON FRUIT (<i>HYLOCEREUS UNDATUS</i> HAWORTH)	Amrutha P. and K. D. Patel	1264	1269
158	COMBATING ALTERNARIA BLIGHT OF CUMIN: <i>IN VITRO</i> EVALUATION OF NON-SYSTEMIC, SYSTEMIC AND READY-MIX FUNGICIDES FOR DISEASE MANAGEMENT	H.A. Shekhada, D.S. Kelaiya, I.B. Kapadiya and C.M. Bhaliya	1270	1280
159	EXTENSION SERVICES FOR SUSTAINABLE AGRICULTURE IN INTEGRATING AGROECOLOGICAL AND INDIGENOUS KNOWLEDGE: A REVIEW	Sulekha, L. Somendro Singh, Sudha Darbha, Shilpa Bahubalendra, Neelakshi Sharma, Khan Chand, Mohit Kashyap and Anil Kumar	1281	1297
160	ROOTSTOCK BREEDING AND GRAFTING INNOVATIONS IN PERENNIAL FRUIT TREES: A REVIEW	Megha Raghavan, Ashutosh Kumar, Smriti D. Gawai, Lakhwinder Singh, Pradeepti Sharma, Arathi Balan, Suchismita Jena and Archit Singh	1298	1307

S. No.	TITLE	AUTHOR	PAGE NO.	
161	OPTIMIZATION OF PRIMARY NUTRIENTS FOR ENHANCING GROWTH AND PRODUCTIVITY OF BLACK GRAM (<i>VIGNA MUNGO</i> L.)	Mohit Singh, Akhil Bharti, Aaina Sharma, Ishwar Singh, Om Parkash Mehla and Sahil	1308	1311
162	MORPHOLOGICAL AND BIOCHEMICAL EVALUATION OF EARLY SEGREGATING GENERATIONS FOR LEAF HOPPER RESISTANCE IN UPLAND COTTON	Akshitha N.Y., Rajesh S. Patil, Poornima V. Matti, Akbar S.M.D. and Bhuvaneshwara R. Patil	1312	1320
163	ZINC AND PHOSPHORUS DOSE MODULATION FOR OPTIMIZING PERFORMANCE OF GREEN GRAM (<i>VIGNA MUNGO</i> L.)	Vishal Kumar, Akhil Bharti, Aaina Sharma, Brajesh Kumar Mishra, Arushi Padiyal and Yuvraj Rana	1321	1326
164	YIELD OPTIMIZATION OF BLACK GRAM (<i>VIGNA MUNGO</i> L.) USING INTEGRATED NUTRIENT MANAGEMENT	Sahil, Akhil Bharti, Aaina Sharma, Ranjeet Singh Bochalya, Mohit Kamboj and Mohit Singh	1327	1330
165	EFFECT OF IRON AND CHROMIUM ON PHOTOSYNTHETIC PIGMENTS OF MOSSES <i>MNIUM CUSPIDATUM</i> HEDW. AND <i>THUIDIUM CYMBIFOLIUM</i> DOZY & MOLK.	Shefali Sharma, Sunita Kapila, Ganga Ram Chaudhary, Swati Secrain, Neha Dogra, Anshul Pannu, Megha Sethi and Hiteshi Sabharwal	1331	1345
166	EFFICACY OF NUTRIENT SPRAY ON GROWTH, YIELD AND ECONOMICS OF ZAID BLACK GRAM (<i>VIGNA MUNGO</i>)	M.S. Paarshiitha Reddy, Shikha Singh, K. Sai Shivani, M. Sandhya and M. Pragathi	1346	1351
167	SCREENING OF GREEN GRAM (<i>VIGNA RADIATA</i>) GENOTYPES UNDER OPEN FIELD CONDITIONS AGAINST MAJOR SUCKING PESTS	Kishore S.M., Rajashekarappa K. and Yogesh L.N.	1352	1358
168	EFFECT OF DIFFERENT TILLAGE AND WEED MANAGEMENT PRACTICES ON WEED DYNAMICS AND YIELD OF TORIA IN RICE FALLOW	Anshu Kumar, Nawab Tayab Rafique, Kalyan Pathak, Gaurav Kumar, Khagen Kurmi, Samiron Dutta, Manas Jyoti Barooah, Hemanta Saikia and Anjan Krishna Sarmah	1359	1363
169	CULTURAL, BIOCHEMICAL AND PHYSIOLOGICAL CHARACTERIZATION OF INDIGENOUS ISOLATES OF <i>BACILLUS SUBTILIS</i> FROM CHHATTISGARH, INDIA	Pragya Thakur, R. K. S. Tiwari, V. K. Nirmalkar, Varsha Awasthi and Shanta Sahu	1364	1374
170	ANTIFUNGAL POTENTIAL OF MEDICINAL PLANTS AND ORGANIC PRODUCTS AGAINST <i>SAROCLADIUM ORYZAE</i> , THE CAUSAL AGENT OF RICE SHEATH ROT	Chetankumar, Praveen Kumar E., Sharanabsav Huded, Ranjan. R.K. and Aravind G.V.	1375	1381
171	PERSONNEL CORRELATES OF FARMERS TOWARDS AGRICULTURAL TECHNOLOGY INFORMATION CENTRE	Vishnu S. Ghuge, V.V. Tayde, J.M. Deshmukh, N.B. Netake and V.R. Khandekar	1382	1385
172	PADDY YIELD RESPONSE TO AGRICULTURAL DROUGHT STRESS IN THE NORTHERN HILLY REGION OF CHHATTISGARH INDIA	Nilesh Kumar Singh and Shraddha Rawat	1386	1394
173	STUDIES ON GENETIC VARIABILITY, HERITABILITY AND GENETIC ADVANCE IN PUMPKIN (<i>CUCURBITA MOSCHATA</i> DUCH EX. POIR.)	Vikash Babu, Aastik Jha, Ankit Yadav, Yogesh Kumar and Pramod Singh	1395	1399
174	EFFECT OF SEED PRIMING ON GERMINATION AND QUALITY OF SOYBEAN (<i>GLYCINE MAX</i> L. MERRILL.)	Digvijay Shete, Shahid Mulani, Pravin Dalavi and Priya Shinde	1400	1402
175	CROSS-FAMILY EVALUATION OF <i>SOYBEAN MOSAIC VIRUS</i> SUSCEPTIBILITY: IDENTIFYING RELIABLE INDICATOR AND RESISTANT PLANTS FOR EFFECTIVE DISEASE MANAGEMENT	Digvijay Rajaram Chavan, Suresh R. Zanjare, Annasaheb M. Navale, Sachin B. Mahajan, Sanjay V. Kolase and Yogesh S. Saindane	1403	1407
176	ESTIMATION OF GENETIC VARIABILITY, HERITABILITY AND GENETIC ADVANCE IN SPONGE GOURD (<i>LUFFA CYLINDRICA</i> L. ROEM)	Monu Kumar Chaudhari, Anil Kumar, C.N. Ram, Aastik Jha, Ashish Kumar Singh, Brajpal Singh, Govind Maury, Virendra Kumar and Pravesh Kumar	1408	1411
177	MANAGEMENT OF WILT DISEASE OF PIGEONPEA (<i>CAJANUS CAJAN</i> L. MILLSP.) CAUSED BY <i>FUSARIUM UDUM</i> THROUGH FUNGICIDES	Sunil Kumar Sharma, Chirag Gautam, Nikita Kumari, Seema Yadav, Rajesh Kumar Bochalya and A.L. Yadav	1412	1416
178	DATA-DRIVEN PRECISION CROP PLANNING FOR ENHANCED RICE YIELDS AND CLIMATE RESILIENCE IN MONSOON-DEPENDENT SYSTEMS: A CASE STUDY FROM CUTTACK, INDIA	Satya Pragyan Kar, Pragyan Kumari and Ramesh Kumar	1417	1427
179	KINETICS OF POTASSIUM RELEASE IN MAJOR SUGARCANE GROWING SOILS OF TAMIL NADU INDIA	D. Gokul, P.K. Karthikeyan and P. Poonkodi	1428	1437
180	HORTICULTURAL CROP MANAGEMENT IN THE 21ST CENTURY: INNOVATIONS, CHALLENGES AND PROSPECTS	Bhagyashree Das, Lakhwinder Singh, Achanta Manoj, Lakshya, Guddu Kumar, Lav Kumar, Nitu Kumari and Ravinder Kaur	1438	1450
181	BOTANICAL MANAGEMENT OF <i>CALLOSOBRUCHUS CHINENSIS</i> IN STORED RED GRAM: IMPACT ON SEED DAMAGE, GERMINATION, AND VIABILITY	Shantanu Bista, Sushovan Majhi, Shanowly Mondal Ghosh, Gautam Chakraborty, Nirnanjan Mandi and Pritipriya Pal	1451	1458

S. No.	TITLE	AUTHOR	PAGE NO.	
182	EVALUATION OF THE EFFECT OF INTEGRATED NUTRIENT MANAGEMENT PRACTICES ON THE GROWTH, YIELD AND QUALITY OF SPRING MAIZE (<i>ZEA MAYS</i> L.)	Kishlay Anand, Vivek Pandey, Sant Sharan Tripathi, Shiva Mohan, Sandeep Kumar Diwakar, Devraj Singh and Sharvan Kumar	1459	1462
183	STANDARDIZATION OF PROPAGATION METHODS AND TIME IN TAMARIND (<i>TAMARINDUS INDICA</i> L.) UNDER BUNDELKHAND REGION OF UTTAR PRADESH, INDIA	Sumita Omer, S.C. Singh, Priya Awasthi, Om Prakash, Balaji Vikram, Gaurav Shukla and Vijay Kumar Maurya	1463	1468
184	PHARMACOLOGICAL PROPERTIES OF BAEI (<i>AEGLE MARMELOS</i> L.): INSIGHTS INTO ITS ROLE IN DISEASE MANAGEMENT	Megha Raghavan, Shubham Jain, Sushravya M. K., Saurav Kumar, Lakwinder Singh, Sameer Verma, Aman Kumar Maurya and Mahendra Pratap	1469	1477
185	CULTURAL AND MORPHOLOGICAL VARIABILITY AMONG DIFFERENT ISOLATES OF <i>FUSARIUM UDUM</i> CAUSING WILT DISEASE IN PIGEONPEA (<i>CAJANUS CAJAN</i> L. MILLSP.) COLLECTED FROM HADOTI REGION OF RAJASTHAN, INDIA	Sunil Kumar Sharma, Chirag Gautam, Rajesh Kumar Bochalya, Nikita Kumari, Hari Shankar Kumawat and Seema Yadav	1478	1482
186	SOIL PEDOGENESIS IN THE ANTHROPOCENE: A REVIEW OF MODERN APPROACHES AND EMERGING CHALLENGES	Luxmi Kant Tripathi, Sunil Kumar and Sachchida Nand Singh	1483	1496
187	POPULATION ABUNDANCE OF SUCKING INSECT PESTS OF URD BEAN (<i>VIGNA MUNGO</i> L.) TO ABIOTIC FACTORS IN WESTERN U.P., INDIA	Vikas Kumar, Daya Shankar Shrivastava, Ajay Kumar, Balwant Yadav and Ankit Singh	1497	1500
188	STANDARDIZATION OF PROTOCOL FOR PREPARATION OF DEHYDRATED WHOLE LIME FRUITS	Laxmi Kadapatti, Kirankumar Gorabal, Mangesh, Kirankumar K. C. and Sadanand K. Mushrif	1501	1505
189	STANDARDIZATION OF PROTOCOL FOR PREPARATION OF WOOD APPLE SQUASH	Kirankumar Gorabal, Mangesh, Laxman Kukanoor, and Manjula Karadiguddi	1506	1511
190	PEST OF BRASSICA'S: CHALLENGES AND SUSTAINABLE SOLUTIONS	Kanwar Pallavi Singh, Chander Parkash and Rasna Gupta	1512	1518
191	PRINCIPAL COMPONENT ANALYSIS OF YIELD RELATED TRAITS IN F ₂ SEGREGANTS OF YARD LONG BEAN (<i>VIGNA UNGUICULATA</i> SUBSP. <i>SESQUIPEDALIS</i> L. VERDCOURT)	Noru Raja Sekhar Reddy and Beena Thomas	1519	1524
192	EFFECT OF STORAGE TREATMENTS AND GODOWN TYPES ON WHEAT STORAGE FOR SEED PURPOSE	K.G. Kugashiya, Y.A. Viradiya, D.K. Patel, P.R. Chaudhary, P.O. Vaghela and T.A. Desai	1525	1537
193	MULTIVARIATE EVALUATION OF MORPHOLOGICAL TRAITS IN WHEAT UNDER CONTRASTING NITROGEN REGIMES FOR IDENTIFYING NITROGEN-EFFICIENT GENOTYPES	Divya Sharma, B.K Sinha, Gurdev Chand, Swati, Marvi Sharma, Mandeep Kour, Monika Kumari, Jyotsana Kalsi, Muneeba Banoo, Farzana Kouser, Sapalika Dogra and Nikhil Thakur	1538	1546
194	DECODING THE ROLE OF HALOPRIMING: ASSESSING THE SEED QUALITY AND HEALTH IN ONION SEEDS (<i>ALLIUM CEPA</i> L.)	Arushi Padiyal, Narender K. Bharat, Jagdeep Singh and Kuldeep Kumar	1547	1553
195	UNLEASHING THE POTENTIAL OF HYDROGEN PEROXIDE (H ₂ O ₂) TO ENHANCE GROWTH, SEED QUALITY, AND DISEASE RESISTANCE IN ONION (<i>ALLIUM CEPA</i> L.)	Arushi Padiyal, Narender K. Bharat, Ravi Pratap and Mohit Kamboj	1554	1558
196	ASSESSMENT OF GENETIC VARIABILITY, CHARACTER ASSOCIATION, PATH COEFFICIENT ANALYSIS OF GRAIN YIELD AND ITS CONTRIBUTING TRAITS IN MEDIUM SLENDER RICE (<i>ORYZA SATIVA</i> L.)	T. Sruthi, Piyusha Singh and M. Peyusha Sai	1559	1566
197	EVALUATION OF THE IMPACT OF BIOFERTILIZER AND PHOSPHORUS MANAGEMENT ON GROWTH YIELD AND QUALITY OF SUMMER GREEN GRAM (<i>VIGNA RADIATA</i> L.)	Danish Iquebal, Veerendra Kumar, Rahul Kumar Sharma, Sant Sharan Tripathi, Kishlay Anand, Sharvan Kumar and Anuj Shakya	1567	1571
198	FROM SIPPING TO SURVIVING: ELUCIDATING THE INTRICATE MOLECULAR PATHWAYS GOVERNING DROUGHT TOLERANCE IN PLANTS	Vaishali Gangwar, C.M. Singh, Om Prakash, Mukul Kumar, Vijay Sharma and Kamaluddin	1572	1591
199	EXPLORING HOST PLANT RESISTANCE OF BRINJAL AS FOR <i>ALTERNARIA ALTERNATA</i> (FR. KESSLER) CAUSING ALTERNARIA BLIGHT UNDER NATURAL INOCULATION CONDITION	Anil Kumar Sharma, Rajni Singh Sasode, Pramod Kumar Fatehpuria, Neelam Soni, Anita Kumari Pandey, Yogesh Kumar and R. P. Patel	1592	1597
200	EFFECT OF DIFFERENT ORGANIC MULCHING MATERIALS ON VEGETATIVE PARAMETERS OF STRAWBERRY CV. WINTER DAWN	Mamta Nishad, Anshuman Singh and Neeraj Singh	1598	1605
201	CHARACTERIZATION OF SOYBEAN (<i>GLYCINE MAX</i> L. MERRILL) GERMPLASM BASED ON DUS DESCRIPTORS	Harshitha G.P., Onkarappa T., Manasa N., S. Ramesh, K. Madhusudhan, C. Manja Naik, R. Siddaraju, B.V. Sinchana and Pallavi M.	1606	1613

S. No.	TITLE	AUTHOR	PAGE NO.	
202	GROWTH AND YIELD RESPONSES OF MAIZE (<i>ZEAMAYS L.</i>) AS DETERMINED THROUGH NUTRIENT OMISSION TECHNIQUE	V.J. Patel, J. K. Parmar, M.P. Ramani, A.S. Bhanvadia and D.R. Padheriya	1614	1622
203	QUANTITATIVE ANALYSIS OF TOTAL SOLUBLE SUGARS IN VARIOUS ORGANS OF <i>ADIANTUM</i> SPECIES FROM BASSI WILDLIFE SANCTUARY, RAJASTHAN, INDIA	Azra Parveen Quazi and Gunmala Gugalia	1623	1627
204	INTEGRATED MANAGEMENT OF VIRAL DISEASE COMPLEX INFECTING <i>BHUTJOLOKIA (CAPSICUM CHINENSE JACQ.)</i> IN ASSAM, INDIA	Princy Khaidem, Rontung Kalita and Manoj Kumar Kalita	1628	1633
205	ASSESSMENT OF GENETIC VARIABILITY, CORRELATION AND PATH CO-EFFICIENT STUDIES ON YIELD AND ITS COMPONENT IN MUNGBEAN (<i>VIGNA RADIATA L. WILCZEK</i>)	Aishmita Gantait, Divyansukumar Kantibhai Prajapati and Ann Maxton	1634	1640
206	ESTIMATION OF GENETIC VARIABILITY, HERITABILITY AND GENETIC ADVANCE FOR VARIOUS QUANTITATIVE TRAITS IN OKRA (<i>ABELMOSCHUS ESCULENTUS L. MONECH</i>)	Pramod Singh, Anil Kumar, C.N. Ram, Aastik Jha, Aashish Kumar Singh, Virendra Kumar, Pravesh Kumar, Yogesh Kumar and Vikas Babu	1641	1645
207	EFFECT OF INTEGRATED CROP MANAGEMENT AND MODIFIED ATMOSPHERE PACKAGING ON SHELF LIFE AND QUALITY OF OKRA FRUITS (<i>ABELMOSCHUS ESCULENTUS L.</i>)	Rachamalla Ravi Teja, A. Kiran Kumar, T. Suresh Kumar, B. Naveen Kumar and G. Sathish	1646	1659
208	COST STRUCTURE, INCOME, AND PROFITABILITY ANALYSIS OF BLACK GRAM PRODUCTION IN CHHATARPUR DISTRICT, MADHYA PRADESH INDIA	Keshrinath Tripathi, Rahul Kumar, Vikash Prasad Mishra, Lokesh Chandel and Vikash Mishra	1660	1666
209	OPTIMIZING WATER-USE EFFICIENCY IN SUGARCANE: COMPARATIVE PERFORMANCE OF VARIETIES UNDER VARYING IRRIGATION REGIMES	Abhinandan Patil, Samadhan Surwase, Anil Mundhe and Ashok Kadlag	1667	1675
210	GENETIC VARIABILITY, HERITABILITY AND GENETIC ADVANCE IN BITTER GOURD (<i>MOMORDICA CHARANTIA L.</i>)	Bray Pal Singh, Anil Kumar, C.N. Ram, Aastik Jha, Ashish Kumar Singh, Monu Kumar Chaudhari, Virendra Kumar, Govind Maury, Pravesh Kumar and Vipin	1676	1679
211	<i>IN VITRO</i> EFFICACY OF SYSTEMIC FUNGICIDES AGAINST <i>STAGONOSPOROPSIS CUCURBITACEARUM</i>	Kottam Sushma, K. Gopal, Ch. Ruth, K. Arunodhayam, Syed Sadarunnisa and V.V. Padmaja	1680	1682
212	HOST SPECTRUM EVALUATION OF <i>STAGONOSPOROPSIS CUCURBITACEARUM</i> ISOLATED FROM RIDGE GOURD ON CUCURBITACEOUS CROPS	Kottam Sushma, K. Gopal, Ch. Ruth, K. Arunodhayam, Syed Sadarunnisa, V.V. Padmaja and K. Sairam	1683	1686
213	SERICULTURE BASED BY-PRODUCTS: INNOVATIONS AND MARKET TRENDS	Veenita M.K., Nikita Kankanawadi, Yashaswini B.R., Tejaswini A.S., Shwetha G.V. and Shravanilakshmi V.	1687	1700
214	ASSESSMENT OF GENETIC VARIABILITY, HERITABILITY AND GENETIC ADVANCE FOR YIELD AND QUALITY RELATED TRAITS IN CHERRY TOMATO (<i>SOLANUM LYCOPERSICUM L. VAR. CERASIFORME</i>)	Riya Yadav, C.N. Ram, Aastik Jha, Sandeep Yadav, Lokesh Yadav, Thokchom Premeshwor Devi, and Himani Shukla	1701	1704
215	STUDY OF GENETIC VARIABILITY, HERITABILITY AND GENETIC ADVANCE FOR INTER-TRAITS RELATIONSHIP FOR YIELD AND QUALITY TRAITS IN CHERRY TOMATO (<i>SOLANUM LYCOPERSICUM L. VAR. CERASIFORME</i>)	Sandeep Yadav, C.N. Ram, Aastik Jha, Riya Yadav, Lokesh Yadav, Ankit Yadav and Vinay Kumar Pandey	1705	1709
216	EFFECT OF DIFFERENT DOSES OF BIO-REGULATORS AND BIO-WASTE ON SEED GERMINATION AND VIGOUR AND GROWTH OF TAMARIND (<i>TAMARINDUS INDICA L.</i>) SEEDLING	Nitin Yadav, Rajesh Tiwari, Rajesh Jatav and Narendra Vasure	1710	1717
217	SYNERGISTIC EFFECTS OF ESSENTIAL OIL (<i>MENTHA PIPERITA</i>) AND 8-HYDROXYQUINOLINE SULPHATE ON POSTHARVEST LONGEVITY OF <i>ASPARAGUS DENSIFLORUS</i>	Sangamesh, Manjula K. and R. T. Patil	1718	1724
218	IMPACT OF BIOSTIMULANTS ON VEGETATIVE GROWTH, REPRODUCTIVE TRAITS AND POST HARVEST LIFE OF <i>GERBERA JAMESONII</i> : A COMPREHENSIVE REVIEW	Sweta Subhashree Jena, Kaberi Maharana, Satendra Kumar Singh, Mahima Sharma, Pratyush Jena, Priyangana Chetia, Bidisha Kashyap, Toko Naan, Rajat Mondal and Shubhangee Ankushrao Waske	1725	1732
219	ADVANCES IN DEGUMMING OF MULBERRY SILK: FROM CONVENTIONAL PRACTICES TO ECO-FRIENDLY INNOVATIONS	Gagana Sindhu S., Shwetha G.V., Shravanilakshmi V., Veenita M.K., Nikita Kankanawadi and Kruthika M.S.	1733	1739
220	EFFECT OF FEEDING ABAMECTIN 1.9 % EC SPRAYED MULBERRY LEAVES ON REPRODUCTIVE PERFORMANCE OF <i>BOMBYX MORI L.</i>	Shwetha G.V., Vinoda K.S., Gagana Sindhu S., Banuprakash K.G., Nikita Kankanawadi and Veenita M.K.	1740	1747

S. No.	TITLE	AUTHOR	PAGE NO.	
221	INTEGRATED MORPHOLOGICAL, PATHOGENIC, AND MOLECULAR CHARACTERIZATION OF <i>ALTERNARIA ALTERNATA</i> ASSOCIATED WITH EARLY BLIGHT OF TOMATO (<i>SOLANUM LYCOPERSICUM</i> L.)	Sairam K., Gopal K., Ruth Ch., Ravindra Babu M. Sushma K. and Meganath, D.	1748	1755
222	GENETIC VARIABILITY AND ASSOCIATION STUDIES IN GLADIOLUS	Ragini Bhardwaj, Puja Sharma, Sita Ram Dhiman, Rajesh Kumar Dogra, Anju Sharma and Manish Kumar	1756	1762
223	RESPONSES OF DIFFERENTIAL PHYSIO-BIOCHEMICAL TRAITS OF BREAD WHEAT MUTANTS DURING TERMINAL HEAT STRESS	Namrata Dwivedi, Sushma Tiwari, Madhurjit Singh Rathore, Dinkar, Akash Mahakul and Vimlesh Sakya	1763	1771
224	GENETIC ANALYSIS OF DROUGHT TOLERANCE RELATED TRAITS IN F ₃ POPULATIONS OF GROUNDNUT	M. Sowmya, H.L. Nadaf, R.S. Bhat and V.P. Chimmad	1772	1783
225	ASSESSING YIELD PERFORMANCE, ECONOMIC FEASIBILITY, AND SOIL HEALTH IMPACTS OF TRADITIONAL AROMATIC, HIGH-YIELDING, AND FORTIFIED RICE VARIETIES IN ORGANIC PRODUCTION SYSTEM	Krishna, M. C. Bhambri and Sunil Kumar	1784	1791
226	GENETIC PARAMETERS INFLUENCING YIELD TRAITS IN TOMATO (<i>SOLANUM LYCOPERSICUM</i> L.): A HERITABILITY AND VARIABILITY STUDY	Niraj Kumar, C. N. Ram, Aastik Jha, Virendra Kumar, Lokesh Yadav and Santosh Kumar	1792	1796
227	CROPWAT MODEL BASED ESTIMATION OF CROP WATER REQUIREMENT OF MUSTARD CROP FOR NALANDA DISTRICT OF BIHAR INDIA	Rupesh Ranjan and Shraddha Rawat	1797	1806
228	EFFECT OF GROWING MEDIA AND BIO FERTILIZERS ON GRAFT TAKE IN CASHEW (<i>ANACARDIUM OCCIDENTALE</i> L.)	U. Sriya, K. Dhanumjaya Rao, K. Umamaheswara Rao, L. Naram Naidu and K. Umakrishna	1807	1814
229	<i>IN VITRO</i> ASSESSMENT OF FUNGICIDAL EFFICACY AGAINST <i>COLLETOTRICHUM GLOEOSPORIOIDES</i> PENZ. AND SACC.	J.J. Padsala, P.R. Patel, P.J. Kandoriya and A.R. Prajapati	1815	1820
230	INFLUENCE OF DIFFERENT MEDIA ON PROPAGATION OF MARIGOLD THROUGH SHOOT CUTTING	Bibhuti Bhushan Bagarty, Mohd. Javed, Rajat Verma, Amit Kanawjia and Kartik	1821	1824
231	EFFECT OF MOISTURE STRESS ON GROWTH ATTRIBUTES OF CHIA (<i>SALVIA HISPANICA</i> L.) GENOTYPES	Shivashankar, Sadashiv Nadukeri, Raviraja G. Shetty, Ganapathi M., Shashikala Kolakar and Sreedhar R.V.	1825	1830
232	GUJARAT AEROBIC RICE 201 (GAR 201/ANAND AKSHAT), A HIGH YIELDING VARIETY WITH EARLY MATURITY AND LONG BOLD GRAIN RELEASED FOR AEROBIC RICE CULTIVATION IN GUJARAT INDIA	M.B. Parmar, S.G. Patel, D.B. Prajapati, S.S. Thorat, R.K. Gangwar, D.J. Kacha and N.R. Makwana	1831	1841
233	STUDY OF PROTRAY TECHNOLOGY IN MULTIPLICATION OF PLANT MATERIAL AND ITS EFFECT ON SEEDLING GROWTH AND ECONOMICS OF TURMERIC (<i>CURCUMA LONGA</i> L.) VARIETIES	Macherla Chandana, M. Padma, B. Neeraja Prabhakar, Veena Joshi, B. Mahender, P. Gouthami and G. Sathish	1842	1857
234	EFFECT OF SOWING DATES AND NUTRIENT LEVELS ON GROWTH, YIELD AND QUALITY OF FINGER MILLET (<i>ELEUSINE CORACANA</i> L. GAERTN.) VARIETIES UNDER RAINFED CONDITIONS OF JAMMU	Vijay Kumar, Vijay Bharti, Anuradha Saha, Sudha Verma, Kanav Sharma and Ishita	1858	1861
235	EFFECT OF WATER AND SODIUM CHLORIDE SOAKING ON THE QUALITY CHARACTERISTICS OF ARABICA AND ROBUSTA COFFEE	Channabasamma B.B., Gopinandhan, T.N., Sandeep, T.N., Shruthi H. and Mandappa I.M.	1862	1867
236	COMPARATIVE EFFICACY OF INTEGRATED PRE- AND POST-EMERGENCE HERBICIDE APPLICATIONS AND MANUAL WEEDING IN MUSTARD (<i>BRASSICA JUNCEA</i> L.) UNDER IRRIGATED CONDITIONS OF GRID REGION OF GWALIOR INDIA	Mekala Sai Sathvikaa, Jaidev Sharma, Pradeep Rajput, Naman Soni, Ravikant Rishishwar, Maddula Sumana Sree and Anita Aechra	1868	1873
237	STUDIES ON BIO-EFFICACY OF NEWER INSECTICIDE MOLECULES AGAINST MAJOR SUCKING PEST COMPLEX OF PADDY	Pavan Kalyan M., Chalam M. S. V., and Sreedevi K.	1874	1880
238	ELECTRONIC NATIONAL AGRICULTURAL MARKET (E-NAM): A REVIEW OF PERFORMANCE, PROSPECTS AND CONSTRAINTS FACED BY FARMER'S (WITH SPECIAL REFERENCE TO RAIPUR, CHHATTISGARH, INDIA)	Akash Tiwari and V. K. Choudhary	1881	1893
239	VARIABILITY AMONG CINNAMON GENOTYPES FOR GROWTH CHARACTERISTICS UNDER HILL ZONE OF KARNATAKA INDIA	Avinash M., Y.C. Vishwanath, N.K. Hegde, Sudheesh Kulkarni, Ramanagouda Hadlageri, Mahantesh Naika B.N., Sadananda G.K. and Vijaykumar B. Narayanpur	1894	1897
240	MINOR FRUITS IN THE MANAGEMENT OF DISEASES INCLUDING CANCER: A COMPREHENSIVE REVIEW	Vikas Sharma, Navneet Kour, Komal Sudan and Shivangi Sharma	1898	1907
241	CYTOTOXIC EFFECT OF BITTER GOURD ON BREAST, COLON, LUNG AND PROSTATE CANCER CELLS	Vikas Sharma, Harminder Kour, Shashank K. Singh and Shivangi	1908	1914

S. No.	TITLE	AUTHOR	PAGE NO.	
		Sharma		
242	BIO-EFFICACY OF CHLORANTRANILIPROLE 625 g/L FS (LUMIVIA) AGAINST SPOTTED STEM BORER, <i>CHIOLO PARTELLUS</i> INFESTING MAIZE	Basavaraj K., Sanganna M. Sajjanavar, Saleemali Kannihalli and Kirankumar R.	1915	1918
243	ASSESSING THE MUTAGENIC IMPACT OF GAMMA RADIATION AND EMS ON SEED GERMINATION AND POLLEN STERILITY IN MOTH BEAN (<i>VIGNA ACONITIFOLIA</i> (JACQ.) MARECHAL)	Kapil Bishnoi, A.K. Sharma, Aman and Ankit Phanshal	1919	1925
244	EFFECT OF CROP DIVERSIFICATION ON YIELD AND ITS ATTRIBUTES OF SCENTED RICE (<i>KONJOHA</i>) UNDER ORGANIC RICE ECOSYSTEM	Merajul Hussain, Jogesh Goswami, Ranjit Kumar Saud, Rajib Lochan Deka, Uddhab Kalita, Hrishikesh Nath and Britan Rahman	1926	1930
245	MEDICINAL HERBS OF GARO HILLS, MEGHALAYA: A COMPREHENSIVE OVERVIEW	Waikhom Arunkumar Meetei and Tech Yajo Tara	1931	1940
246	AUXIN INDUCED ROOTING AND BIOMASS ENHANCEMENT IN <i>FICUS CARICA</i> L. CV. AFGHAN	Muruganandam C., Sharvesh S. and Vallarasu V.	1941	1945
247	OPTIMIZING GROWTH AND FLOWERING IN GERBERA: PACKAGE AND PRACTICES	Reshma Sahoo, Mausumi Mohanty, Prachurija Samantaray, Itishree Pradhan, Aradhana Nayak, Akankshya Pattanaik and Sukirti Mohanty	1946	1961
248	STUDIES ON ORGANIC AND IN-ORGANICS MANURES ON GROWTH AND YIELD OF BOTTLE GOURD (<i>LAGENARIA SICERARIA</i> L.)	Chandan Singh, Raghuveer Singh, Mandvi Srivastava, Manoj Kumar and Vikash Kumar	1962	1966
249	ADVANCING VEGETABLE CROP IMPROVEMENT: STRATEGIES AND PROSPECTS OF CRISPR-CAS9 GENE EDITING	Department of Horticulture, School of Agriculture & Allied Science, H.N.B. Garhwal University	1967	1976
250	IMPACT OF GROUNDNUT (<i>ARACHIS HYPOGAEA</i> L.) AND THEIR IMPROVED VARIETY IN CHHATARPUR DISTRICT UNDER BUNDELKHAND REGION OF MADHYA PRADESH INDIA-A CASE STUDY	R.K. Singh, Akhilesh Kumar, Manju Shukla, Smita Singh and Pradyumn K. Singh	1977	1983
251	IMPACT OF TUBER MATURITY AND SIZE CHARACTERISTICS ON SENSORY PROFILES OF SYRUP AND POWDER FROM SWALLOW ROOT (<i>DECALEPIS HAMILTONII</i> WIGHT & ARN)	Urati Mahesh, K.M. Yuvaraj, M. Jayaprada, K. Swarajya Lakshmi, Lalitha Kadiri and M. Mayilvaganan	1984	1990
252	PRIORITIZING BARRIERS TO SUSTAINABLE 3R WASTE PROCESSING FACILITY OPERATIONS USING INTERPRETIVE STRUCTURAL MODELING AND MICMAC	I Made Gunamantha, Ni Wayan Yuningrat and Made Vivi Oviantari	1991	2001
253	GROWTH RESPONSE OF GARLIC (<i>ALLIUM SATIVUM</i> L.) TO SALINE WATER IRRIGATION AND NITROGEN FERTIGATION	Shubham, V.P.S Panghal, D.S. Duhan, Vikas Gill, Sarita Devi and Sudesh	2002	2010
254	HERBICIDE RESISTANCE: EXPLORING MANAGEMENT TACTICS AND RECOMMENDATIONS FOR SUSTAINABLE AGRICULTURE	Dhamni Patyal, Meenakshi Gupta, Renuka, Monika Kumari, Aadil Akbar Wani, Kanav Sharma and Banti	2011	2021
255	INFLUENCE OF LIGHT INTENSITY ON THE GROWTH AND PERFORMANCE OF ORNAMENTAL FOLIAGE PLANTS IN VERTICAL GARDEN SYSTEMS	Bashaboina Sunil, P. Prasanth, Zehra Salma, G. Jyothi and Praneeth Kumar	2022	2032
256	EVALUATION OF VARIOUS MANGO (<i>MANGIFERA INDICA</i> L.) HYBRIDS AND VARIETIES IN EASTERN DRY ZONE OF KARNATAKA, INDIA	Thimmarayappa M., G.G.E. Rao, Krishna Reddy, Nagarjun, P. and Karthik D. R.	2033	2036
257	ENHANCING NITROGEN USE EFFICIENCY THROUGH VARIED LEVELS OF NITROGEN APPLICATION – ITS IMPACT ON GROWTH AND YIELD OF POTATO UNDER NEW ALLUVIAL SOIL OF WEST BENGAL INDIA	Chandan De, Sanjib Kumar Das, Takbir Ali and Prabaha Maity	2037	2045
258	ECONOMIC PERSPECTIVES ON CROP DIVERSIFICATION: EVIDENCE FROM UDAIPUR AND BHILWARA DISTRICTS OF RAJASTHAN, INDIA	Hari Singh, Narendra Yadav, Hemant Kumar Lamba, Apoorva Rathore and Gopal Nai	2046	2057
259	PERFORMANCE OF GARDEN PEA GENOTYPES FOR GROWTH, YIELD AND QUALITY CHARACTERS IN THE BUNDELKHAND REGION OF UTTAR PRADESH, INDIA	Pooja Tatarwal, A.K. Pandey, Raj Kumar, Gajendra Chawla and Kuldeep Gurjar	2058	2062
260	ESTIMATION OF COMBINING ABILITY OF PARENTS AND HYBRIDS THROUGH HALF-DIALLEL ANALYSIS FOR YIELD AND QUALITY TRAITS IN PIGEONPEA (<i>CAJANAS CAJAN</i> L. MILL.)	Kamal Kumar Sharma, S.C. Sharma, Rajesh Kumar Sharma, Preeti Verma and Aditiya Maharshi	2063	2066
261	IMPACT OF PROTEINACEOUS DIETS ON FORAGING BEHAVIOR, BROOD PRODUCTION AND HONEY YIELD IN <i>APIS CERANA INDICA</i> F. COLONIES OF HIMACHAL PRADESH, INDIA	Anurag Sharma, Vikas Sharma, Jitender Chauhan, Rajeshwar Singh Chandel, Inder Dev, Meera Devi, Arti Shukla, Rajesh Rana, Bharti and Renu Kapoor	2067	2077
262	STUDY ON CORRELATION AND PATH ANALYSIS IN BIRD'S EYE CHILLI (<i>CAPSIUM FRUTESCENS</i> L.) FOR YIELD AND YIELD ATTRIBUTING TRAITS	Pasam Manasa and R. Arulananth	2078	2081

S. No.	TITLE	AUTHOR	PAGE NO.	
263	ASSESSMENT OF IRRIGATION WATER QUALITY IN GWALIOR DISTRICT, MADHYA PRADESH INDIA	Ashok Singh, Akhilesh Singh, Sudhir Singh Bhadoria, Shashi S. Yadav, Neeraj Hada and Priyadarshni A. Khambalkar	2082	2087
264	INTEGRATED MANAGEMENT OF PESTS IN RICE: APPROACHES AND IMPLEMENTATION	Longjam Boris Singh, Laikangbam Shalini, S. Zeshmarani, Chuwang Hijam, S. Prabin Singh and Maqbool Qutub	2088	2100
265	ASSESSMENT OF PHYSICO-CHEMICAL AND ORGANOLEPTIC PROPERTIES OF DRAGON FRUIT AND EUREKA LEMON BLENDED CRUSH	Neeraj Kumar Sharma, Neeraj Gupta, Monica Reshi, Monika Sood, Julie D. Bandral, Arti Sharma and Seerat Gupta	2101	2106
266	STUDIES ON PRESERVATIVE-FREE LOW-CALORIE BEVERAGES FROM GUAVA PULP AND AONLA JUICE BLENDS	Niharika Gurudev, Sanjay Pathak, Ajendra Kumar, Garima Yadav, Saurabh Tiwari and Shubham Yadav	2107	2112
267	EFFICACY OF INDIGENOUS ENTOMOPATHOGENIC FUNGI IN THE MANAGEMENT OF SUCKING PESTS OF CUCUMBER	Palle Pravallika, M. Muthuswami, P.S. Shanmugam, V. Rajasree and Aruna Beemrote	2113	2121
268	ASSESSMENT OF GENETIC AND HETEROSIS ANALYSIS FOR SEED YIELD AND RELATED TRAITS IN BREAD WHEAT (<i>TRITICUM AESTIVUM</i> L.)	J.B. Adithya, Neha, M. Sayooj and P. Adya	2122	2127
269	EXPLORING GENDER INEQUALITIES IN HORTICULTURAL FARMING: A STATISTICAL ANALYSIS USING THE MANN-WHITNEY U TEST	Tapati Rudrapal and Anindita Saha	2128	2132
270	HETEROTIC RESPONSE AND COMBINING ABILITY EFFECT IN TOMATO (<i>SOLANUM LYCOPERSICUM</i> L.) FOR TRAITS GOVERNING FRUIT QUALITY UNDER MID-HILL CONDITIONS	Sheetal Rana, Satish Chandra Pant, Avantika Devrani, Imamuddin Shah and Priyanka Panwar	2133	2137
271	PERFORMANCE OF GARDEN PEA (<i>PISUM SATIVUM</i> VAR. HORTENSE L.) UNDER VARIED NUTRIENT MANAGEMENT OPTIONS INCLUDING NATURAL INPUTS IN COASTAL SALINE ZONE OF WEST BENGAL INDIA	Chandrima Bhattacharjee, Sourav Garai, Soujanya Jana, Saikat Dey, Anannya Dhar, Shibasish Mukherjee, Argha Chakraborty, Suman Dutta, Anirban Roy, Sukamal Sarkar, Hirak Banerjee and Koushik Brahmachari	2138	2142
272	EVALUATION OF THE PHYSICAL PROPERTIES OF COOKIES PREPARED FROM COMPOSITE FLOUR OF PEARL MILLET AND NIGER SEED	Vivek Kumar Saini, Deepali Bajpai, Priyanka Patel, Ketki Dhumketi and Sumeet Patidar	2143	2150
273	AGROFORESTRY EDUCATION FOR ENSURING SELF-SUFFICIENCY, SUSTAINABLE LIVELIHOOD, GENDER EQUALITY AND SOCIAL JUSTICE: A REVIEW	Ankit Pandey, Shivangi Rai, Vinod Kumar, Rekha Rana and Shiva Kant	2151	2161
274	EFFECT OF ORGANIC FORMULATIONS ON MICROBIAL ACTIVITY AND NUTRIENT UPTAKE ON TORIA (<i>BRASSICA CAMPESTRIS</i> L.)	S.V. Rajeswari, H.C. Bayan, Digambar Sarma, R.K. Goswami, Bikram Borkotoki and Budha Bora	2162	2167
275	EFFECT OF TILLAGE AND HERBICIDE (PRETILACHLOR) APPLICATION ON SOIL BIOLOGICAL PROPERTIES IN WINTER RICE	Dipankar Sonowal, Kaberi Mahanta, Anjuma Gayan, Dhruba Jyoti Nath, Britan Rahman, Lolesh Pegu, Anirban Saikia and Sanchita Brahma	2168	2174
276	EFFECT OF MULCHING AND INTERCROPPING ON WEED DYNAMICS AND GROWTH PARAMETERS OF LINSEED (<i>LINUM USITATISSIMUM</i>) AND LATHYRUS (<i>LATHYRUS SATIVUS</i>)	Himadri Saikia, Rinjumoni Dutta and Sontara Kalita	2175	2180
277	YIELD AND PLANT NUTRIENT CONTENT OF GUAVA (<i>PSIDIMUM GUAJAVA</i> L.) CV. LAL BAHADUR AS INFLUENCED BY PRUNING TIME, BORIC ACID AND POTASSIUM SILICATE	Disha M. Thanki, Mukeshbhai J. Patel, Dhara P. Suthar and Shubham Kumar	2181	2189
278	EVALUATION AND IDENTIFICATION OF CLIMATE RESILIENT INTERSPECIFIC AND INTERGENERIC SUGARCANE HYBRID CLONES FOR WATER LOGGING TOLERANCE	Somavarapu Rakshitha, Kuncha Karthik and D.N. Kamat	2190	2197
279	MORPHOLOGICAL CHARACTERIZATION OF SESAME (<i>SESAMUM INDICUM</i> L.) GENOTYPES	Spandana B. and Naga Lakshmi S.	2198	2204
280	EFFICACY OF HERBICIDES IN DIRECT SEEDED POST-FLOODED KHARIF RICE (<i>ORYZA SATIVA</i> L.)	Alam Hazarika, K. Pathak, K. Kurmi, M. Saikia, B. Gogoi, M. J. Konwar and K. S. Teja	2205	2211
281	ENHANCING AJMER CORIANDER-1 PRODUCTION: EXPLORING THE IMPACT OF CUTTING AND GA ₃ APPLICATION ON GROWTH, SEED YIELD AND QUALITY IN MID HILL REGIONS OF HIMACHAL PRADESH INDIA	Niharika Manish Kumar and Rohit Verma	2212	2220
282	STATUS AND BEHAVIOR OF BORON IN COASTAL ALLUVIAL SOILS UNDER PADDY CULTIVATION OF UDUPI DISTRICT, KARNATAKA, INDIA	Manoj N., Meghana V.C., Jayaprakash S.M., Madhusudana and Dhananjaya, B.C.	2221	2229
283	EXPERT SYSTEM FOR AGRICULTURAL EXTENSION: A	Bhanita Baruah, Loukham Devarani,	2230	2240

S. No.	TITLE	AUTHOR	PAGE NO.	
	REVIEW OF RECENT DEVELOPMENTS	P.M.N. Rani and Bunil Kumar Balabantaray		
284	RECENT ADVANCEMENTS IN DRY FLOWER TECHNOLOGY : A REVIEW	Manish Kumar and Ragini Bhardwaj	2241	2254
285	PERFORMANCE OF DIFFERENT AGRO WASTE ON GROWTH AND YIELD OF PINK OYSTER MUSHROOM (<i>PLEUROTUS DJAMOR</i>) CULTIVATION	Geeta Potshangbam, Sandeep Kumar, Prachi Wasan, Neha Saini and Haobam Albert Singh	2255	2260
286	A REVIEW ON SOIL-WATER-PLANT INTERACTIONS AS IMPLICATIONS FOR IRRIGATION EFFICIENCY AND CROP PRODUCTIVITY	Anil Kumar, Chinmoy Deori, Smriti Hansda, Parshuram, Dushyant Sirohi, Sukhdam Singh, B. Lal and Priyanka Gautam	2261	2276
287	BULB PRODUCTION AND VASE LIFE OF LA HYBRID LILY CV. NASHVILLE UNDER VARIOUS GROWING MEDIA	Harivignesh G, Abhinash Moirangthem, Punabati Heisnam, Golmei Langangmeilu and Linthoingambi Ningombam	2277	2283
288	EFFECT OF PHOSPHORUS, POTASSIUM AND SULPHUR-ENRICHED FOLIAR FERTILIZER ON APPLE CULTIVARS SUPER CHIEF AND JEROMINE IN KINNAUR'S DRY TEMPERATE REGION	Arun Kumar, Durga Prashad Bhandari, Budhi Ram, Deepika and Rajesh Kumar	2284	2289
289	IMPACT OF HARVESTING TIME ON POSTHARVEST QUANTITATIVE AND QUALITATIVE ATTRIBUTES OF RED FLESHED DRAGON FRUIT (<i>HYLOCEREUS COSTARICENSIS</i>)	Guddu Kumar, Subhadip Chowdhury, Dr Pran Krishna Thakur, Payal Maiti, Abhijit Rongpi, Sumon Mondal, Biswajit Karmakar and Sanjoy Suchiang	2290	2298
290	SCIENTIFIC RICE PRODUCTION TECHNOLOGY ADOPTION BY TRIBAL FARMERS IN ALLURI SITHARAMARAJU DISTRICT OF ANDHRA PRADESH INDIA	Kadiri Mohan	2299	2303
291	CHARACTERIZATION OF DESI CHICKPEA (<i>CICER ARIETINUM</i> L.) FOR YIELD AND YIELD RELATED TRAITS	Meera, Ritu R. Saxena, Ravi R. Saxena, Bhawana Sharma, Mangla Parikh, Parmeshwar K. Sahu, D.P. Patel, Shilpi Verma and Roopshikha Agrawal	2304	2310
292	IMPACT OF SEED PRIMING ON GROWTH AND YIELD RELATED TRAITS OF BLACK CUMIN	R. Ramani Gorle, M. Belagumpi, D.K. Ghosh and A. Bandyopadhyay	2311	2318
293	IMPACT OF NUTRIENT MANAGEMENT ON YIELD RELATED TRAITS OF BLACK CUMIN IN NEW ALLUVIAL ZONES OF WEST BENGAL INDIA	R. Ramani Gorle, M. Belagumpi, D.K. Ghosh and A. Bandyopadhyay	2319	2325
294	IDENTIFICATION AND DOCUMENTATION OF FARMER'S TECHNOLOGICAL NEED AND PROBLEMS DUE TO CLIMATE CHANGE STRESS: A STUDY IN FLOOD AND INTERMITTENT DROUGHT AFFECTED AREAS OF ASSAM INDIA	Afsana Rahman, Sundar Barman, Horindra Gogoi, Manjil Baruah, Pinky Borah and Priyanuj Goswami	2326	2340
295	ENVIRONMENT FRIENDLY MANAGEMENT STRATEGY FOR ROOT-KNOT NEMATODE (<i>MELOIDOGYNE INCOGNITA</i>) ON OKRA (<i>ABELMOSCHUS ESCULENTUS</i> L. MOENCH)	Raju Dhayal, H.K. Sharma, M.K. Sharma, Vinod Saharan, R. N. Bunkar and S. Ramesh Babu	2341	2346
296	EFFECT OF FOLIAR NUTRITION ON CHLOROPHYLL CONTENT INDEX (SPAD VALUE), ROOT CHARACTERS, SEED YIELD AND NUTRIENT UPTAKE IN IRRIGATED SESAME	S. Ramesh, J. Jijo Jeberson, P. Sudhakar, G. Baradhan and S. Manimaran	2347	2351
297	URBAN FARMING- TRANSFORMING THE EMPTY SPACES INTO THE VALUABLE SPACES: A REVIEW	Kashish Rawat, Santosh Kumari, Akhilesh Sharma and Anupriya	2352	2357
298	NANO UREA APPLICATION AND MINERAL NUTRITION INFLUENCE ON THE ECONOMIC PROFITABILITY OF FRENCH MARIGOLD (<i>TARGETES PATULA</i> L.)	Assma Rashid, Nomita Laishram, Arvinder Singh, Sarabdeep Kour, Gurdev Chand and Deep Ji Bhat	2358	2361
299	ASSESSMENT OF SULPHUR, MICRONUTRIENTS AND POLLUTANT ELEMENTS IN SOILS OF PAKUR DISTRICT, JHARKHAND INDIA	A.V. Lakra, P.B. Saha, D.K. Shahi, C. S. Singh and Manas Denre	2362	2373
300	VEGETABLES AS A SOURCE OF NUTRITION AND PHARMACY: A REVIEW	Rajeev Kumar, Aanchal Chauhan, Reena Kumari, Priyanka Thakur and Neha Thakur	2374	2380
301	BACTERIAL OOZE AS A SOURCE OF INOCULUM IN THE SPREAD OF BACTERIAL BLIGHT OF POMEGRANATE CAUSED BY <i>XANTHOMONAS AXONOPODIS</i> PV. <i>PUNICAE</i>	Madhu S. Giri, V.I. Benagi, V.B. Nargund, J. Raju and K. Jayalakshmi	2381	2385
302	STREAMLINED <i>IN VITRO</i> PROPAGATION PROTOCOL FOR RAPID MASS MULTIPLICATION OF DRAGON FRUIT (<i>HYLOCEREUS</i> spp.)	Himanshu Dall, Gurdeep Singh, Navdeep Singh and Tamanna Nazir	2386	2389
303	EXPLOITATION OF HETEROSIS FOR GROWTH AND YIELD ATTRIBUTES IN MULBERRY (<i>MORUS</i> SPP.) USING LINE x TESTER ANALYSIS	Kaveri Aramani, Veenita M. K., Nikita Kankanawadi, Chikkalingaiah, Shrivani Lakshmi V. and Tejaswini A. S.	2390	2397

S. No.	TITLE	AUTHOR	PAGE NO.	
304	EFFECT OF FOLIAR FEEDING OF MICRONUTRIENTS ON PHYSICAL PARAMETERS OF WINTER SEASON GUAVA (<i>PSIDIUM GUAJAVA</i> L.) CV. SHWETA	Arti Chauhan, Bhagwan Deen, Rajendra Prasad Meena and Brijesh Patel	2398	2405
305	RICE GALL MIDGE <i>ORSEOLIA ORYZAE</i> (WOOD-MASON) BIOTYPE IDENTIFICATION IN TBP COMMAND AREA, KARNATAKA INDIA	Sujay Hurali, Netra Hubballi, Padmakumari, Basavanjali Kaman, Mahantashivayogayya K., Shweta B. N. and Shivukumar	2406	2409
306	IMPACT OF INSECTICIDE-INDUCED RESURGENCE ON BROWN PLANTHOPPER, <i>NILAPARVATA LUGENS</i> (STÅL) IN RICE	Netra, Sujay Hurali, Prabhuraj A., Badariprasad P. R., Srikanth Barkeer and S. B. Gowder	2410	2414
307	THE IMPORTANCE OF LANDRACES IN THE PRESENT CONTEXT OF CLIMATE CHANGE IN INDIA: A REVIEW	T. Sunil Kumar, Ankit Kumar Shridhar, Dimple K.T., Akash Paul and Sonam Lhamu	2415	2428
308	INCIDENCE AND ENVIRONMENTAL FACTORS INFLUENCING SUCKING PEST INFESTATION ON MULBERRY (<i>MORUS</i> SPP.) IN KISHANGANJ REGION OF BIHAR INDIA	Ali Assaba Mohammed Shafi, Kalmesh Managanvi, Shriya Singh, Srinivasaraghvan A. and Swaraj Kumar Dutta	2429	2435
309	INFLUENCE OF PHOSPHORUS LEVELS AND LIQUID BIOFERTILIZERS APPLICATION ON SOIL HEALTH AND NUTRIENT DYNAMICS IN URDBEAN (<i>VIGNA MUNGO</i> L.)	Bineeta Yadav, M.K. Sharma, R.K. Yadav, RK. Meena, J.P. Tetarwal and V.K. Yadav	2436	2441
310	STUDIES ON MANAGEMENT OF SCLEROTINIA STEM ROT OF INDIAN MUSTARD (<i>BRASSICA JUNCEA</i> L. CZERN & COSS.) CAUSED BY <i>SCLEROTINIA SCLEROTIORUM</i> (LIB.) DE BARY	B. Sneha Gupta, S.K. Biswas, Anju Shukla, Shivam Kumar, Akash Kumar Kamal, Ankit Kumar, Mehak Singh, Saurabh Saini and Prabha Siddharth	2442	2447
311	DEVELOPMENT OF MULBERRY-ALOE VERA BLENDED LEATHER AND ITS QUALITY EVALUATION DURING STORAGE	Rukhsana Rahman, Neeraj Gupta, Ankita Choudhary, Murtaza Gani and Shafia Ashraf	2448	2454
312	ROLE OF PLANT GROWTH REGULATORS IN BOOSTING CROP PRODUCTIVITY AND BUILDING STRESS RESILIENCE IN HORTICULTURAL CROPS: A REVIEW	Himanshu, Abhishek and Shiv Kumar	2455	2463
313	IMPACT OF <i>AZOSPIRILLUM</i> WITH INORGANIC FERTILIZERS ON GROWTH AND YIELD OF CHILLI (<i>CAPSIUM ANNUUM</i> L.) UNDER NORTH WESTERN HIMALAYAN REGION	Neha, Manish Chauhan, Sandeep Kumar, Komal Sharma, Ravinder Kumar Priyanka Devi and Abhishek	2464	2470
314	IMPACT OF RICE-RAJMAH / TORIA BASED DOUBLE CROPPING PRACTICES FOR CLIMATIC ACCESSIBILITY AND ENHANCING AGRICULTURAL INTERVENTION IN SRIBHUMI, ASSAM, INDIA	Chinmoy Deori, Pulakabha Chowdhury, Joyshikh Sonowal, Purabi Tamuli Phukan, Rasen Bey, Manoranjan Neog, R. K. Saud and Rupjyoti Borah	2471	2478
315	GENERAL AND SPECIFIC COMBINING ABILITY STUDIES FOR GROWTH, YIELD AND YIELD-ATTRIBUTING TRAITS IN BOTTLE GOURD (<i>LAGENARIA SICERARIA</i> MOL. STANDL.)	Randeep Singh, D.S. Duhan, Uday Singh, Shiv Kumar, Swati, Vinita Rajput and Amit Kumar	2479	2485
316	EFFECT OF MYCORRHIZATION ON GROWTH, YIELD AND QUALITY OF GREENHOUSE GROWN TOMATOES	Amit Kumar, Indu Arora, Rakesh Kumar, Shiv Kumar, Vikash Kumar and Uday Singh	2486	2491
317	PETALS TO PROFITS: ENHANCING THE COMMERCIAL FLOWERS INTO HIGH VALUE PRODUCTS	Shaik Sumera, R. Chitra, M. Ganga, A. Ramalakshmi, P. Meenakshi and P. Geetha	2492	2501
318	ADVANCES IN AGRICULTURAL TECHNOLOGY IN INDIA: CURRENT PROGRESS, IoT INNOVATIONS, AND FUTURE PROSPECTS FOR SUSTAINABLE FARMING	M. Susmitha, N. Pranathi Dass, P. Navya Sri, J. L. Nandiswaraiiah, N. Usman Ali, Ramgopal Mopuri and Chittimothu Suresh Babu	2502	2512
319	EVALUATION OF DROUGHT TOLERANCE IN GROUNDNUT (<i>ARACHIS HYPOGAEA</i> L.) VARIETIES UNDER PEG-INDUCED STRESS USING PHYSIOLOGICAL AND BIOCHEMICAL MARKERS	G.D. Guna, Darshna G. Hirpara, Disha D. Savaliya and H. P. Gajera	2513	2525
320	ASSESSING THERMO-TOLERANCE IN SOYBEAN THROUGH THE HEAT SUSCEPTIBILITY INDEX	Nimbalkar R.D., Shinde C.S., Shinde P.Y. and Dagale P.M.	2526	2534
321	HETEROSIS STUDY OF MULTI-ENVIRONMENT TRIALS DATA FOR GRAIN YIELD AND ATTRIBUTES IN PEARL MILLET (<i>PENNISETUM GLAUCUM</i> L. R. BR.)	Kamlesh Kumar, N. B. Patel, H. N. Zala, N. V. Soni, P. C. Patel, P. R. Patel, Sandeep Kumar, Akhil Donga and K. G. Kugashiya	2535	2554
322	<i>CESTRUM PANDANII</i> SP. NOV., A NEW SPECIES (SOLANACEAE: BROWALLIOIDEAE: CESTREAE) IN EASTERN GHATS, INDIA – REVEALED BY HERBARIUM REVISION	Madhusmita Mallia and Chinnamadasamy Kalidass	2555	2558
323	STUDY ON GERMINATION OF ACID LIME (<i>CITRUS AURANTIFOLIA</i>) INFLUENCED BY GA ₃ AND GROWING MEDIA	Archa Raj R., Manohar Lal Meghwal, Om Prakash Regar, Champa Lal Regar, Rajendra Bairwa, Narendra Kumar Teli	2559	2565

S. No.	TITLE	AUTHOR	PAGE NO.	
		and Suresh Kumawat		
324	ASSESSMENT OF GENETIC VARIABILITY, TRAIT ASSOCIATION AND GENETIC DIVERSITY IN OAT (<i>AVENA SATIVA</i> L.) FOR FODDER YIELD AND QUALITY	Mudasir Shafi, M.I. Makhdumi, Sabina. N., A.D.S.S. Ajay Nikhil, V.S.K. Reddy, Shabeena M., Sabiya B., M. Ashraf Bhat, Z.A. Dar, T. A. Ahangar, Raies. A. B., Rakshanda A . Bhat and Zahida R.	2566	2572
325	EFFECT OF EDIBLE COATING AND DIFFERENT PACKAGING MATERIALS ON THE QUALITY AND SHELF LIFE OF PLUM (<i>PRUNUS DOMESTICA</i> L.)	Ashmita Sharma, Kunal Adhikary and Dashrath Bhati	2573	2578
326	IMPACT OF MICROBIAL CONSORTIA ON GROWTH, YIELD AND NUTRIENT UPTAKE OF SOYBEAN IN VERTISOLS OF CENTRAL INDIA	Shubham Singh, R.K. Sahu, N.G. Mitra, Sangya Singh, Bharti Parmar, Sourabh Raghuvanshi and Suwa Lal Yadav	2579	2587
327	SURVEY FOR THE INCIDENCE OF POWDERY MILDEW AND <i>AMPELOMYCES</i> SP. IN GROWING DISTRICTS OF CHHATTISGARH INDIA	Shanta Sahu, Ashulata Kaushal, Suresh Sahu, Ruparani Diwakar, Pragya Thakur and Bhavesh Sahu	2588	2594
328	GENETIC VARIABILITY, HERITABILITY, AND GENETIC ADVANCE FOR YIELD AND COMPONENT TRAITS IN LINSEED	Nilay Kumar Bhagat, Naresh Prasad Yadav, Chandra Shekhar Mahto, Manigopa Chakraborty, Manoj Kumar Barnwal and Shivam Mishra	2595	2598
329	STANDARDIZED <i>IN VITRO</i> PROTOCOL FOR REGENERATION AND HARDENING OF PAPAYA VAR. RED LADY USING PGRS	Tamanna Nazir, Gurdeep Singh, Navdeep Singh and Himanshu Dall	2599	2603
330	COHERITABILITY AND CORRELATION ANALYSIS FOR YIELD AND QUALITY TRAITS IN RICE (<i>ORYZA SATIVA</i> L) LANDRACES	Shwetha Yadav B. P., P. Surendra, C.N. Neeraja, Chitti Bharatkumar, C.P. Chandrashekara and M.J. Manju	2604	2608
331	IMPACT ANALYSIS OF FRONT-LINE DEMONSTRATIONS ON MUSTARD CROP IN NORTHERN ZONE OF TELANGANA INDIA	P. Madhukar, P. Madhukar Rao, T. Srikanth, I. Thirupathi, K. Madhan Mohan Reddy, D. Karthik and M. Rajendra Prasad	2609	2612
332	ASSESSMENT OF GENETIC AND COMBINING ABILITY ANALYSIS FOR SEED YIELD AND RELATED TRAITS IN BREAD WHEAT (<i>TRITICUM AESTIVUM</i> L.)	J. B. Adithya and Neha	2613	2617
333	GENETIC PARAMETERS OF VARIABILITY IN MAIZE (<i>ZEA MAYS</i> L.) VARIETIES FOR GROWTH AND YIELD TRAITS	Kruti Rajendra Prabhu, Dhamni Patyal, Suman Parre, Chandan Kumar Panigrahi, Mouli Paul, Khushboo sharma, Aman Tutlani, Ajaz A. Lone, Z.A. Dar and I.R. Delvadiya	2618	2624
334	TRAIT ASSOCIATION AND PATH ANALYSIS IN MAIZE (<i>ZEA MAYS</i> L.) VARIETIES FOR GROWTH AND YIELD TRAITS	Kruti Rajendra Prabhu, Chandan Kumar Panigrahi, Sujeela Rani, Dhamni Patyal, Mouli Paul, Khushboo Sharma, Aman Tutlani, Ajaz A. Lone, Z.A. Dar and I.R. Delvadiya	2625	2632
335	AGROFORESTRY AS A POLLINATOR CONSERVATION AND IMPROVED AGRICULTURAL PRODUCTIVITY STRATEGY: A REVIEW	Sweta Subhashree Jena, Pratyush Jena, Chinmoy Deori, Anil Kumar, Prajwal, Rahul Pradhan, Priyanka Gautam, and Bill Nelson Paul,	2633	2648
336	ENTITY RELATIONSHIP MAPPING FOR DSS IN INTEGRATED FARMING SYSTEMS: A CONCEPTUAL FRAMEWORK	Priya Pallavi, Basant Kumar Jha, Neetu kumari, Ritesh Mukherjee, Venktesh Jha, Shweta Kumari and Anup Kumar	2649	2654
337	PERFORMANCE OF BELL PEPPER IN NORTH WESTERN HIMALAYAS: COMPARATIVE ASSESSMENT TO INTEGRATED NUTRIENT MANAGEMENT PRACTICES	Abhishek, Sandeep Kumar, Manish Chauhan, Ravinder Kumar, Priyanka Kumari and Priyanka Devi	2655	2660
338	GENETIC VARIABILITY STUDIES OF LOCAL DRUMSTICK (<i>MORINGA OLEIFERA</i> L.) GENOTYPES FOR LEAF YIELD	Anand Kolur, Shivayogi Y. Ryavalad, Satish D., Dadapeer A. Peerajade and Yashavantkumar K. H.	2661	2665
339	ANTAGONISTIC POTENTIAL OF NATIVE ISOLATES OF <i>TRICHODERMA</i> SPP. FOR THE MANAGEMENT OF ANTHRACNOSE (<i>COLLECTOTRICHUM CAPSICI</i>) DISEASE OF CHILLI	Pooja Thakur, Anupam Kumar*, Prem Chand Sharma, Ravinder Kumar, Mohd. Shah Alam, Manjula and Aishwarya	266	2672
340	IMPACT OF GROWTH HORMONES AND NUTRIENTS ON BIOCHEMICAL TRAITS AND YIELD ATTRIBUTES OF TOMATO (<i>SOLANUM LYCOPERSICUM</i>)	Bhumika Chandrakar, S.P Tiwari, Bhumika Banjare, Swarup Ram and Arti Guhey	2673	2676
341	INFLUENCE OF SOIL APPLICATION OF ZINC AND BORON ON POST-HARVEST QUALITY ATTRIBUTES AND SHELF LIFE OF DRAGON FRUIT (<i>HYLOCEREUS POLYRHIZUS</i> L.)	Ajay Singh, Ghanshyam Sahu, Prabhakar Singh, Deoshankar and Kajal Sahu	2677	2687
342	EFFECT OF NATURAL FARMING, ORGANIC FARMING, INTEGRATED CROP MANAGEMENT AND CONVENTIONAL MANAGEMENT PRACTICES ON YIELD AND NUTRIENT BALANCE SHEET IN WHEAT +	Rahul Kumbhare, P.K. Mishra, R.K. Sahu, Vikas Gupta, Shraddha Pandey and Gaurav Rathore	2688	2698

S. No.	TITLE	AUTHOR	PAGE NO.	
	MUSTARD INTERCROPPING SYSTEM			
343	PERFORMANCE AND COMPARISON OF SCENTED ROSE VARIETIES UNDER LOW HILLS OF HIMACHAL PRADESH INDIA	Jagreeti Gupta, Preeti Sharma, Ajit Sharma and Naresh Thakur	2699	2703
344	SYNCHRONIZING BLOOMING WITH MARKET DEMAND: CROP REGULATION IN COMMERCIAL FLOWER CROPS	B. Bhargavi, M. Raja Naik, N. Vinod Kumar, T. Sumathi, P.T. Srinivas and P. Jassica Keren	2704	2710
345	TRAIT ASSOCIATION AND PATH ANALYSIS FOR YIELD-RELATED TRAITS IN GREENGRAM	Tasphiya Elahi, Sanjay Kumar Singh, Pratik Kumar, Shailendra Sagar Prajapati and Kumar Jai Anand	2711	2722
346	EFFECT OF INTEGRATED NUTRIENT MANAGEMENT FOR ENHANCING THE SUSTAINABLE PRODUCTIVITY OF CAULIFLOWER (<i>BRASSICA OLERACEA</i> VAR. <i>BOTRYTIS</i> L.)	Niteshwari Baghele, Shivshankar Singh and Udayabhan Nishad	2723	2726
347	CHARACTERIZATION AND CYTOTOXIC ACTIVITY OF GREEN SYNTHESIZED COPPER NANOPARTICLES	Anjali Sharma and Gunmala Gugalia	2727	2731
348	STUDY ON SEED PRODUCTION OF ORNAMENTAL WINTER ANNUALS UNDER AGRO-CLIMATIC CONDITIONS OF PRAYAGRAJ INDIA	Prakriti Singh and Urfi Fatmi	2732	2737
349	INFLUENCE OF DEHANDING AND EXOGENOUS APPLICATION OF GROWTH REGULATORS ON THE POST-HARVEST PHYSIOLOGICAL AND QUALITY PARAMETERS OF BANANA CULTIVAR GRAND NAINNE	K. Pavani, T. Susila, M. Siva Prasad and Y. Sharat Kumar	2738	2741
350	NANOTECHNOLOGY IN PLANT DISEASE MANAGEMENT: DIAGNOSTIC INNOVATIONS AND TARGETED CONTROL STRATEGIES	Barath B., Silpa J. R., Meghana K. S. and Sunil Zacharia	2742	2752
351	REACTION OF PEARL MILLET VARIETIES/GENOTYPES AGAINST BLAST DISEASE CAUSED BY <i>PYRICULARIA GRISEA</i>	Kavita Kansotia, R. P. Ghasolia, S. Godika, S.K. Goyal and Archana Kumawat	2753	2756
352	VARIABILITY IN LEAF MORPHOLOGICAL AND SIZE CHARACTERS AMONG OF <i>V. NEGUNDO</i> L. ACCESSIONS	A.S. Gawali, B. S. Desai, S. S. Zha, S.K. Sinha, D.P. Patel and Y.A. Garde	2757	2765
353	TRAIT INTERRELATIONSHIPS AND ITS CONTRIBUTION TO GRAIN YIELD: A CASE STUDY IN F ₂ GENERATIONS DERIVED USING PARTIAL MALE STERILE LINES OF FINGER MILLET (<i>ELEUSINE CORACANA</i>)	J. Meenakshi, T. E. Nagaraja, K. B. Palanna, K. Madhusudan, N. Nethra, P. Ravishankar and M. V. C. Gowda	2766	2771
354	INTEGRATED NUTRIENT MANAGEMENT ON GROWTH ATTRIBUTES OF CAPE GOOSEBERRY (<i>PHYSALIS PERUVIANA</i> L.)	Shivam Chaurasia, Anand Singh, Bijendra Kumar Singh, Balaji Vikram, Paramanand Prajapati, Vishvajeet Singh, Abdullah Zaid and Abhishek Pratap	2772	2778
355	EXPLOITATION OF HETEROSIS FOR YIELD AND QUALITY ENHANCEMENT IN PUMPKIN (<i>CUCURBITA MOSCHATA</i> DUCH. EX POIR.) HYBRIDS	M. Harshini, A. Shanthi and M. Manikandan	2779	2786
356	EVALUATION OF ADVANCE CLONES OF POTATO (<i>SOLANUM TUBEROSUM</i> L.) FOR TUBER YIELD AND DRY MATTER CONTENT	Sarla Yadav, S.K. Luthra, Vinod Kapoor, S.P. Singh, R.K. Singh, Jagdev Sharma, Som Dutta and Brajesh Singh	2787	2794
357	ASSESSMENT OF GENETIC VARIABILITY, HERITABILITY, AND GENETIC ADVANCE FOR YIELD AND YIELD-RELATED TRAITS IN PEARL MILLET (<i>PENNISETUM GLAUCUM</i> L. R. BR.) HYBRIDS	Pinky Choudhary, P. C. Gupta, Sujit K. Yadav, Nemi Chand Sharma, Aman, Pushpa Kanwar Rathore, Sanju Choudhary and Manga Tharaka	2795	2800
358	EVALUATION OF DIFFERENT GROWTH MEDIA FOR SEED GERMINATION AND SEEDLING GROWTH IN PAPAYA (<i>CARICA PAPAYA</i> L.) CV. RED LADY-786	Hari Dayal Choudhary, Baldev Jayani and Brajesh Choudhary	2801	2806
359	EFFECT OF PHYSICOCHEMICAL PARAMETERS ON THE QUALITY OF SPRAY-DRIED MIXED BERRY JUICE POWDER USING MALTODEXTRIN AS A CARRIER AGENT	Lad P. A., V. P. Kad, K. J. Kamble, S. V. Salve, G. B. Yenge, G. N. Shelke and G. M. Chavan	2807	2812
360	IMPACT OF NATURAL FARMING AND INTEGRATED NUTRIENT MANAGEMENT PRACTICES ON SOIL FERTILITY AND CROP YIELD IN ARECANUT WITH BLACK PEPPER CROPPING SYSTEM	Keerthana V., Shivakumar K. M., Yogeeshappa H., S. M. Prasanna, Gurumurthy S. B., Kiran N. Nagajannavar, Anitha R. Gandhe, Shivaraj Kamble and Sachin S. H.	2813	2819
361	TURFGRASS IN URBAN AND RECREATIONAL SPACES: A GUIDE TO BENEFITS AND BEST PRACTICES	K. Ragini, M. Raja Naik, T. Sumathi and N. Vinod Kumar	2820	2828
362	EFFECT OF EXOGENOUS APPLICATION OF GIBBERELLIC ACID AND SALICYLIC ACID ON ANTIOXIDATIVE ENZYMES IN INDIAN MUSTARD IRRIGATED WITH SALINE WATER	Vadhel Hiteshkumar, U.K. Kandoliya, Pratik Prasad Singh, M.V. Parakhiya, Vishnu Gore Kundan and Devendra Kumar	2829	2836

S. No.	TITLE	AUTHOR	PAGE NO.	
363	STUDIES ON SOUR ROT DISEASE IN ACID LIME UNDER IRRIGATED RED SOIL CONDITIONS	M. Kavitha and Bhanu Murthy K.C.	2837	2840
364	GENETIC VARIABILITY AND DIVERGENCE STUDIES FOR PRODUCTIVITY TRAITS IN RABI SORGHUM (<i>SORGHUM BICOLOR</i> L. MOENCH)	Hussainbi, B.D. Biradar, Hanamaratti N.G., Basavaraj B. Bagewadi, Suma S. Biradar and Shaila H.M.	2841	2847
365	RESPONSE OF AZOTOBACTER AND PHOSPHATE SOLUBILIZING BACTERIA IN COMBINATION WITH UREA AND SINGLE SUPER PHOSPHATE ON GROWTH AND YIELD UNDER RICE CROP IN ALLUVIAL SOILS OF AYODHYA DISTRICT U.P., INDIA	Siddhant Upadhyay, Suresh Kumar, Mahendra Singh, Sushil Kumar Yadav, Sachin Kumar and Priyanshi	2848	2861
366	EFFECT OF ORGANIC AND INORGANIC NUTRIENT COMBINATIONS ON THE GROWTH AND YIELD OF GOBHI SARSON (<i>BRASSICA NAPUS</i> L.)	Keisham Vaskar Singh, Raghubir Singh Uppal and Baljinder Singh	2862	2865
367	INFLUENCE OF TILLAGE PRACTICES AND HERBICIDE REGIMES ON WEED FLORA AND PRODUCTIVITY OF WHEAT	Reshu Bhardwaj, Saurabh Raj Pandey, Ram Narayan Meena, Shiv Poojan Yadav and Ram Kumar Singh	2866	2874
368	FINANCIAL ASSESSMENT OF AN AGRO-PROCESSING UNIT: THE CASE STUDY OF SRIVARI SPICES AND FOODS LIMITED, HYDERABAD, INDIA	S.S. Katkuri, R.B. Hile and D.J. Sanap	2875	2880
369	<i>IN VITRO</i> EVALUATION OF ANTIFUNGAL ACTIVITY OF FUNGAL-DERIVED CHITOSAN AGAINST <i>RHIZOCTONIA SOLANI</i> : A SUSTAINABLE APPROACH TO SOIL-BORNE DISEASE MANAGEMENT	Divya Shree, Lalit Mahatma, B. Anilkumar and T. L. Shivananda	2881	2885
370	RESPONSE OF NANO FERTILIZERS ON GROWTH AND QUALITY OF FODDER OATS (<i>AVENA SATIVA</i> L.)	Priti Pallabi Dash, R. Joseph Koireng, Sambit Kumar Parida and Bidyapati Ngangom	2886	2890
371	<i>IMPACT ON STORABILITY IN FINGER MILLET (ELEUSINE CORACANA L. GAERTN) UNDER DIFFERENT PACKAGING MATERIALS</i>	A.V. Mane , B. S. Thorat, D. D. Karmarkar and T. A. Bagkar	2891	2896
372	COMPARATIVE ASSESSMENT OF GROWTH, YIELD AND GRAIN QUALITY OF DIFFERENT HYBRID RICE VARIETIES IN KHARIF SEASON	Soumi Saha, Sukanta Pal, Hirak Banerjee, Jhuma Datta and Yenkokpam Supriya	2897	2902
373	IMPACT OF DIFFERENT ORGANIC NUTRIENT SOURCES ON FLOWER QUALITY IN MARIGOLD CV. PUSA ARPITA	Mahima Sharma, Vijai Kumar, Karthik, D. R., Jaspreet Kaur, Harshit Vimal and Atul Kumar Mishra	2903	2908
374	A SURVEY ON FLORISTIC STUDY AND CUSTOMARY APPLICATIONS OF THE GENUS <i>BLUMEA</i> (ASTERACEAE) IN THE DISTRICT OF BANSWARA, RAJASTHAN, INDIA	Mohini Roat and Shafkat Rana	2909	2912
375	PRODUCTION TECHNOLOGY, NUTRITIONAL VALUE, AND THERAPEUTIC BENEFITS OF DRAGON FRUIT (<i>HYLOCEREUS</i> SPP.): A REVIEW	Ashok Kumar, Jagdish Grover, S.R. Singh, M.C. Yadav, Vijay Kumar Yadav, Pooja Yadav, Arvind Kumar Channi, Navneet Kumar, Joe Christy N and Sanjay Kumar	2913	2948
376	EFFECT OF SEED INOCULATION WITH BIO-FERTILIZERS AND FOLIAR APPLICATION OF MICRONUTRIENTS ON GROWTH, YIELD AND ECONOMICS OF KODO MILLET (<i>PASPALUM SCORBICULATUM</i> L.)	Sandhya Mothukuru, Pragathi M., Paarshitha Reddy, Karishma Singh, and Joy Dawson	2949	2952
377	EXPLORING GENETIC DIVERGENCE AND SUPERIOR GENOTYPES IN RICE (<i>ORYZA SATIVA</i> L.) THROUGH D ² STATISTICS AND PRINCIPAL COMPONENT ANALYSIS	Hariom Parmar, Yogendra Singh, S. K. Singh, Stuti Sharma, Kumar Jai Anand and Jhillick Banerjee	2953	2960
378	STUDIES ON GENETIC VARIABILITY AND RUST RESISTANCE IN SOYBEAN (<i>GLYCINE MAX</i> L.)	Spoorthi S. R. and Shobha Immadi	2961	2967
379	EFFECTS OF ZINC, SILICON, AND SEAWEED EXTRACT ON GROWTH, YIELD, AND SOURCE-SINK DYNAMICS IN TRANSPLANTED RICE	Kavipriya M., Ramesh S., Sudhakar P., Manimaran S., Kalaiyarasan C. and Venkatakrishnan D.	2968	2977
380	BIOSTIMULATORY ROLE OF <i>BACILLUS AMYLOLIQUEFACIENS</i> AUPPB02 IN BARLEY: FROM <i>IN-VITRO</i> CHARACTERIZATION TO POT TRIALS	Ankita Karan, Shalini Kumari, Khushi, Sakshi Khatri, Ushakar Mishra and Abha Singh	2978	2986
381	TRANSGENE-FREE GENOME EDITING IN PLANTS: A BRIEF OVERVIEW	Ehsas Pachauri, Neeraj Parasar, Premkumar Adhimoolam, Parimal Suresh Kumbhar, Vishal Singh, Tarun Kumar Meena and Mahesh D. Patil	2987	2997
382	A PERFORMANCE OF CHICKPEA VARIETIES TO DIFFERENT INTER AND INTRA ROW SPACINGS IN RAINFED VERTISOLS	D. Pedda Pitcha Naik, P. Ammaji, S. Bharathi and T. Usha Rani	2998	3001
383	EXPLORING TEA: CULTIVATION, ECONOMIC IMPACT, AND NAVIGATING CLIMATE VARIABILITY CHALLENGES	Bidisha Hazarika, Pompei Dutta, Mriganko Kakoti, Brishti Saikia, Lipika Talukdar, Milon Jyoti Konwar and Manuranjan Gogoi	3002	3010

S. No.	TITLE	AUTHOR	PAGE NO.	
384	HARNESSING INDIGENOUS TECHNICAL KNOWLEDGE FOR SUSTAINABLE AGRICULTURE IN ASSAM: A PATHWAY TO CLIMATE RESILIENCE	Mauchumi Kalita, Nishan Bhuyan, Pompi Dutta, Rituraj Boruah and Jayanta Kr. Dutta	3011	3018
385	COMPARATIVE EVALUATION OF LEAF MORPHOLOGICAL AND QUANTITATIVE TRAITS IN DIFFERENT MANGO (<i>MANGIFERA INDICA</i> L.) VARIETIES UNDER THE AGRO-CLIMATIC CONDITIONS OF RAIPUR, C.G., INDIA	Gunja Thakur, Prabhakar Singh, G. L. Sharma, H. K. Panigrahi, Diksha and Ajay Singh	3019	3024
386	STUDIES ON LEAF CHARACTERS OF DIFFERENT MANGO (<i>MANGIFERA INDICA</i> L.) VARIETIES UNDER AGRO-CLIMATIC CONDITIONS OF RAIPUR, CHHATTISGARH, INDIA	Diksha, G.L. Sharma, H.K. Panigrahi, Gunja Thakur, Ajay Singh, Swati Shukla and Chowa Ram Sahu	3025	3030
387	GRAFT COMPATIBILITY BETWEEN BOTTLE GOURD GRAFTED ON ROOTSTOCKS OF BOTTLE GOURD AND PUMPKIN	S. Choudhary, D.B. Kshirsagar and K.N. Dahatonde	3031	3035
388	MEAN PERFORMANCE OF EXTRA-EARLY GENOTYPES OF PIGEON PEA (<i>CAJANUS CAJAN</i> L.) FOR NODULATION CAPACITY ALONG WITH THEIR MORPHOLOGICAL TRAITS	Prajna Prakash Hegde, N. Sandhya Kishore, Prakash I. Gangashetty and Manish Pandey	3036	3040
389	STUDIES ON THE EFFECT OF DIFFERENT EDIBLE COATING ON PHYSIOCHEMICAL PROPERTIES OF STRAWBERRY FRUIT (<i>FRAGARIA</i> × <i>ANANASSA DUCH.</i>)	Uday Raj Gaurav, Arvind Kumar, Satya Prakash, Govind Vishkarma, Purnima Gautam, Amit Kumar, Arbaj Ali and Amit Kumar	3041	3049
390	BIO-EFFICACY OF INSECTICIDES AGAINST GRAM POD BORER (<i>HELICOVERPA ARMIGERA</i>) INFESTING PIGEON PEA	R.V. Prajapati and S.D. Patel	3050	3053
391	EVALUATION OF NATIVE ISOLATES OF <i>TRICHODERMA VIRIDE</i> , <i>METARHIZIUM ANISOPILAE</i> AND <i>FUSARIUM VERTICILLIOIDES</i> AGAINST ROOT KNOT NEMATODE IN TOMATO	D. Jithoop and R. Narayana	3054	3059
392	INFLUENCE OF PLANTING CONTAINERS ON GROWTH ATTRIBUTES OF CHRYSANTHEMUM (<i>DENDRANTHEMA GRANDIFLORA</i>) CV. MULTIFLORA UNDER LOW HILLS OF UTTARAKHAND INDIA	Anil Kumar Saxena, Suneeta Singhand Shivani Mamgain	3060	3065
393	EFFECT OF SULPHUR AND ZINC ON GROWTH AND YIELD OF SOYBEAN (<i>GLYCINE MAX</i> L.)	Harsh N. Patel, R. D. Shinde, N. D. Baria and K. R. Ninama	3066	3070
394	IMPACT OF DIFFERENT SPACING ON GROWTH AND YIELD OF DIFFERENT CULTIVARS OF CAULIFLOWER (<i>BRASSICA OLERACEA</i> VAR. <i>BOTRYTIS</i> L.)	Lovejot Kaur, Navdeep Singh, Gurdeep Singh and Mohit	3071	3076
395	EFFECT OF GROWTH REGULATORS ON GROWTH RESPONSE AND YIELD COMPONENT OF DIFFERENT WHEAT VARIETY	Rajesh Kumar Meshram, P. K. Mishra, Vikas Jain and Kaushalesh Kumar Mishra	3077	3084
396	ASSESSMENT OF AN ONION DETOPPER FOR REDUCING DRUDGERY OF FARM WOMEN	Mandava Hemalatha, Shailaja Gogu, Kailash Madne and Vara Prasad Chittem	3085	3090
397	ASSESSING THE ROLE OF LIQUID BIOFERTILIZERS IN ENHANCING RICE YIELD AND FARM ECONOMICS IN SURYAPET DISTRICT, TELANGANA, INDIA	Arigela Kiran, D. Naresh, D. Adarsh, Ch. Naresh, T. Madhuri and G. Santhosh	3091	3101
398	DRONE BASED PESTICIDE SPRAYING TECHNOLOGY FOR MANAGING JASSIDS IN BRINJAL	Birakati Swarnalata, N. Emmanuel, B. Chennakesavulu, T.S.K.K. Kiran Patro, C.P. Viji and V. Shekhar	3102	3117
399	INFLUENCE OF INTEGRATED NUTRIENT MANAGEMENT PRACTICES ON THE GROWTH DYNAMICS OF INDIAN MUSTARD (<i>BRASSICA JUNCEA</i> L.)	Kaushlendra Mani Tripathi, Deo Kumar, G.S. Panwar, J.K. Tiwari, Arbind Kumar Gupta, Gaurav Shukla and Jagannath Pathak	3118	3123
400	EVALUATION OF ROOT MORPHOLOGICAL RESPONSES TO PEG-SIMULATED DROUGHT IN MAIZE INBREDS FOR EARLY-STAGE TOLERANCE	Rayees Ahmad Tantry, Ajaz Ahmad Lone, Zahoor Ahmad Dar, Asif Bashir Shikari, Fehim Jeelani Wani, Raihana Habib Kanth, Mehraj-ud-din Sofi and Parvaze Ahmad Sofi	3124	3131
401	IMPACT OF NITROGEN AND HERBICIDAL COMBINATIONS ON GROWTH AND YIELD IN LATE SOWN WHEAT	Karishma Singh and Joy Dawson	3132	3138
402	DESIGN AND DEVELOPMENT OF BATTERY-OPERATED MULTI-CROP PLANTER	D.S. Karale, Ankita Shinde and A.J. Lohar	3139	3148
403	EFFECT OF <i>TRICHODERMA HARZIANUM</i> AND BOTANICAL EXTRACTS ON POST- HARVEST GROWTH PARAMETERS OF GARLIC IN PRAYAGRAJ (U.P.) INDIA	Krushna Mohanrao Solanke, Sunil Zacharia, Tsukjemnugla Jamir and Rohini Borkar	3149	3154
404	INTEGRATED FARMING SYSTEM FOR SUSTAINABLE AGRICULTURE: A REVIEW	Pratishruti Behera, Nilakhi Das, Dimpri Dutta, Alam Hazarika, Tilak Prasad Panika, Hiren Das and Tikendrajit Saikia	3155	3173

S. No.	TITLE	AUTHOR	PAGE NO.	
405	SCREENING OF PALMAROSA, <i>CYMBOPOGON MARTINII</i> VAR. <i>MOTIA</i> UNDER SALT AFFECTED SOILS	R. Neelavathi, C. Indu Rani and Shibi Sebastian	3174	3177
406	EVALUATION OF BRINJAL GENOTYPES, <i>SOLANUM MELONGENA</i> L. IN CAUVERY DELTA REGION OF TAMIL NADU	R. Neelavathi	3178	3181
407	STUDIES ON NUTRITIONAL VALUE OF FUNCTIONAL PRODUCTS OF FIG (<i>FICUS CARICA</i> L.)	C. Indu Rani, D. Swetha, R. Neelavathi, G. Gurumeenakshi and Arumuganathan T.	3182	3186
408	PRINCIPAL COMPONENT ANALYSIS AND CORRELATION STUDIES IN RICE (<i>ORYZA SATIVA</i> L.) GENOTYPES	B. Srinivas, P. Gonya Nayak, P. Madhukar, B. Laxmi Prasanna, D. Sreelatha and G. Sreenivas	3187	3193
409	ASSESSMENT OF GENETIC VARIABILITY AND SELECTION POTENTIAL FOR PLANT HEIGHT IN PIGEONPEA (<i>CAJANUS CAJAN</i> L. MILLSPAUGH) DURING OFF-SEASON (<i>RAB</i>) CULTIVATION	Yaksha K., Shivani D., Prakash I. Gangashetty, Yogendra K., Jaba Jagdish and Sunita Choudhary	3194	3199
410	SURVEY ON NATURAL INCIDENCE ACROSS MAJOR CANE GROWING BELTS OF BIHAR AND RESPONSE OF VARIETIES THROUGH ARTIFICIAL METHOD AGAINST POKKAH BOENG DISEASE	Sanskriti, Md. Minnatullah, Piyush Kumar, Shiva Pujan Singh and Manibhushan Thakur and Masoom Ali	3200	3211