

PLANT ARCHIVES

Volume 24	Special Issue (GABELS)	August – 2024
------------------	-------------------------------	----------------------

S. No.	TITLE	AUTHOR	PAGE NO.	
1	EFFECT OF LIQUID BIOFERTILIZER AND INORGANIC NUTRIENTS APPLICATION ON GROWTH, PHYSIOLOGY AND PRODUCTIVITY OF SOYBEAN (<i>GLYCINE MAX</i> L. MERRILL)	Abhishek Sharma, M.D. Vyas, Shani Gulaiya, Parikha Prakash Singh, Priya Kochle and B.K. Sharma	1	6
2	EFFECT OF POST HARVEST CHEMICALS ON SHELF LIFE AND PHYSIOLOGICAL CHANGES OF BANANA (<i>MUSA PARADISIACA</i> L.) CV. GRAND NAINA UNDER AMBIENT AND REFRIGERATED STORAGE CONDITION	Amlanjyoti Sar and Sujata V. Dhutraj	7	15
3	ASSESSING THE INFLUENCE OF CLUSTER FRONT LINE DEMONSTRATION ON MUSTARD	Ashok Kumar and Maya Kumari	16	20
4	MECHANIZATION IN ONION HARVESTING: A REVIEW OF TRADITIONAL AND MODERN APPROACHES	B.M. Khanpara, T.D. Mehta and N.B. Bharad	21	28
5	YIELD STABILITY AND GEI BY MULTIVARIATE AND UNIVARIATE MODELS IN NIGER (<i>GUIZOTIA ABYSSINICA</i> L.)	B.S. Thorat, S.G. Bhawe B.D. Waghmode, A. V. Mane, S. S. Desai and R.L. Kunkerkar	29	38
6	STANDARDIZATION OF GROWING MEDIUM FOR GROWTH OF <i>AZADIRACHTA INDICA</i> SEEDLINGS IN SEMI-ARID REGION OF RAJASTHAN, INDIA	Manju Attri, S.B.S. Pandey and Manoj Kumar Yadav	39	44
7	REVOLUTIONIZING AGRICULTURE: A COMPREHENSIVE OVERVIEW OF DIGITAL AGRICULTURE TECHNOLOGIES	Babita Bharti, Vishal Bharti, Bharti Gautam, Neha Negi and Jag Mohan	45	49
8	STUDIES ON SEASONAL INCIDENCE OF INSECT PESTS ON CAULIFLOWER (<i>BRASSICA OLERACEA</i> VAR. <i>BOTRYTIS</i> L.) CROP	Bharat Singh, Neetu Singh, Archana U. Singh, Gaurav Papnai, Raghvendra Pratap Singh and S. Sudhakar	50	54
9	EFFECT OF SEED PRIMING ON VARIOUS ROOTSTOCK OF CITRUS SPECIES	Bharti Choudhary, Rahul Dongre and T. R. Sharma	55	58
10	TRENDS IN THE USE OF HYDROPONICS IN HORTICULTURAL CROPS	Bharti Gautam, Babita Bharti, Neha Negi and Jag Mohan	59	64
11	QUALITATIVE AND QUANTITATIVE PHYTOCHEMICAL ANALYSIS OF LEAF EXTRACTS OF <i>MIRABILIS VISCOSA</i>	Chandan G. R. and K. Krishna	65	72
12	DIFFERENT NUTRIENT LEVELS AND LIQUID ORGANIC MANURES AS INFLUENCED ON GROWTH, YIELD ATTRIBUTES AND YIELD OF SWEET CORN (<i>ZEA MAYS</i> L. VAR. <i>SACCHARATA</i>)	G. Rama Mohan Reddy, Sunil Kumar, V.K. Samadhiya, S.K. Jha, G.K. Shrivastava and R.R. Saxena	73	79
13	BIOEFFICACY OF COPPER NANOPARTICLES AGAINST SEED BORNE MYCOFLORA OF PIGEON PEA	H.D. Ingle, S.T. Ingle, and N.V. Gurav	80	90
14	ROLE OF ARTIFICIAL INTELLIGENCE FOR SUSTAINABLE AGRICULTURE: A REVIEW	Jyoti Singh, Vijay Kumar Yadav, Ghanshyam Yadav and Aseeya Wahid	91	98
15	ASSESSMENT OF INSECT-PEST DYNAMICS AND THEIR MANAGEMENT THROUGH AGROFORESTRY SYSTEMS OF SEMI-ARID TROPICS	Kailash Kumar, Alpana Kumhare, R. Bajpai, Vishnu K. Solanki and Ajay Kumar Shah	99	103
16	GC-MS PROFILING OF METABOLITES OF ENDOPHYTIC FUNGI <i>CURVULARIA PSEUDOROBUSTA</i> FROM <i>DISTILMAKE DISSECTUS</i>	Kalpashree M. M. and Krishna K.	104	108
17	POTENTIAL EFFECT OF INTEGRATED NUTRIENT MANagements ON SOIL MICROBIAL POPULATION IN RHIZOSPHERIC VERTISOL	Kalyani Maravi, Shekhar Singh Baghel, Kamal Kishor Patel, Ajay Kumar Shah, Yagini Tekam and Priya Jaiswal	109	115
18	QUANTIFICATION OF FARM RISK AND RISK MANAGEMENT IN JABALPUR DISTRICT OF INDIA	Kuldeep Rajpoot, Abhishek Singh, Jhade Sunil and Saurav Singla	116	128
19	INTEGRATED FARMING SYSTEM AN ECO-FRIENDLY AND SUSTAINABLE APPROACH FOR PROMISING FARMERS INCOME UNDER CLIMATE CHANGE SCENARIO - A REVIEW	Rotte Sai Mithra, Dr. L. K. Arvadiya, M. Devika Patel and K. Hari Priya	129	135
20	EVALUATION OF PROMISING MIDLATE SUGARCANE GENOTYPES FOR YIELD AND QUALITY TRAITS IN NORTH CENTRAL ZONE	Satendra Kumar and S. C. Singh	136	141

S. No.	TITLE	AUTHOR	PAGE NO.	
21	BREEDING OF COLE CROPS FOR HEAT TOLERANCE: A REVIEW	Niraj Kumar Prajapati, Himanshu Singh, Ratan Ku. Pal and Dinesh Ku. Meena	142	148
22	INFLUENCE OF NANO UREA ON THE FRUIT QUALITATIVE FEATURES OF LITCHI CV. BOMBAY GROWN IN NEW ALLUVIAL ZONE OF WEST BENGAL INDIA	S. Ghosal, T.P. Rathour, P. Datta, Neladri S Sarkar, Deepa Lal, Jitendra Gurjar, R. M. Reja, Mouli Paul and Ritik Chawla	149	153
23	AGRICULTURAL FRUIT HARVESTING ROBOT: AN OVERVIEW OF DIGITAL AGRICULTURE	N.B. Bharad and B. M. Khanpara	154	160
24	PERFORMANCE OF DIRECT SEEDED RICE (<i>ORYZA SATIVA</i>) AND WEEDS UNDER DIFFERENT WEED CONTROL PRACTICES	Ruchi Rajpoot, G. Rupa, Chinmaya Sahoo, M. L. Kewat, Anamika Pandey, Lalit Kumar Mainway and Meka Shivaram Reddy	161	164
25	EVALUATION OF DIFFERENT GENOTYPE OF TUBEROSE (<i>POLIANTHES TUBEROSA</i> L.) FOR VEGETATIVE GROWTH AND YIELD CHARACTERS	Samir Kumar Tamrakar and Alka	165	168
26	EFFECT OF MALTING ON COMPOSITION OF NUTRIENTS AND ANTI-NUTRIENTS IN FINGER MILLET FLOUR	Soumya Sucharita Sahoo, B.S. Agarkar and Anushree R.K.	169	174
27	ROLE OF PACKAGING TO INCREASE THE SHELF LIFE OF VEGETABLES: A REVIEW	Niraj Kumar Prajapati and Joshita P.S.	175	185
28	APITHERAPY: A REVIEW OF RECENT CLINICAL RESEARCH IN BEEKEEPING	NehaNegi, Jag Mohan, Bharti Gautam and Babita Bharti,	186	191
29	TESTING THE EFFECT OF HERBAL POWDERS ON GRAIN PARAMETERS IN STORED WHEAT IN THE PRESENCE OF <i>SITOPHILUS ORYZAE</i> UNDER FREE CHOICE	Marri Keerthana, Rishabh Kumar, Polash Mondal and Shriya singh	192	196
30	INFLUENCE OF CROP LOAD ON PHYSICO-CHEMICAL ATTRIBUTES OF MANGO FRUIT CV. AMRAPALI	Priyanka Kumari, Ravindra Kumar, Kumari Karuna, Awadhesh Kumar Pal and Kumari Nandita	197	202
31	EFFECT OF MICRONUTRIENTS IN CONJUNCTION WITH FYM ON NUTRIENT CONTENT AND THEIR UPTAKE BY LATE SOWN WHEAT	Rahul Indar Navsare, Vipin Kumar, Drishty Katiyar and Ayesha Bano	203	209
32	GENETIC VARIABILITY AND CHARACTER ASSOCIATION IN PARTHENO-CARPIC CUCUMBER (<i>CUCUMIS SATIVUS</i> L.) UNDER PROTECTED CULTIVATION	Suman Kumar, Paramveer Singh and Ajay Bhardwaj	210	217
33	NURTURING PULSES: THE VITAL ROLE OF BIO-FERTILIZERS IN ENHANCING PULSE PRODUCTION- A COMPREHENSIVE REVIEW	Shani Gulaiya, Rajkumar Prajapati, Akanksha Singh Yadav, Anju Kapri, Nandini Singh, Kamalkant Yadav, Sahadeva Singh, Abhishek Sharma, Ravindra Kumar	218	224
34	TIME SERIES ANALYSIS FOR MUSTARD PRODUCTION, PRODUCTIVITY, AND AREA FORECASTING IN MADHYA PRADESH, INDIA	Lokesh Sharma, Umesh Singh, Kuldeep Rajpoot, and Lokesh Choudhary	225	231
35	FERTIGATION STUDIES IN BROCCOLI (<i>BRASSICA OLERACEA</i> VAR. <i>ITALICA</i>) CROP	Prakash Kanwar and A.M. Sonkamble	232	237
36	ORGANIC AND NATURAL ECO-FRIENDLY FARMING: A REVIEW	Jag Mohan, Neha Negi, Babita Bharti and Bharti Gautam	238	246
37	ASSESSMENT OF ARSENIC CONTAMINATION IN SOILS OF AMBAGARH CHOWKI BLOCK, RAJNANDGAON DISTRICT, CHHATTISGARH INDIA	Vivek Kumar Singhal	247	254
38	PIONEERING AGRICULTURAL TRANSFORMATION: UNLEASHING THE POWER OF IOT AND AI FOR SMART FARMING AND SUSTAINABLE HARVESTS	Shilpi Sindhu, Bharat Garg, Shikha Yashveer, Anita Verma and Reena Rani	255	265
39	REVOLUTIONIZING HORTICULTURE: POWER OF LED TECHNOLOGY IN HORTICULTURE CROP CULTIVATION	Megha Patidar, Parshant Bakshi, Kiran Kour, Sumit Bura and Ashima Choudhary	266	272
40	ECO-FRIENDLY MANAGEMENT OF YELLOW MOSAIC OF MUNG BEAN (<i>VIGNA RADIATA</i>)	, Shahnashi Hashmi, Gaurav Kumar Mishra, Mehjabi Hashmi and Ankit Baghel	273	277
41	CONSERVATION AGRICULTURE: AN APPROACH FOR SUSTAINABLE AGRICULTURE	Vinita Parte , Vishnu K. Solanki , J. S. Ranawat and Abhishek Sharma	278	283
42	GC-MS, FTIR AND NMR ANALYSIS OF METHANOL EXTRACT OF <i>EUCALYPTUS GLOBULUS</i>	N.V. Gurav, R.M. Gade and B. P. Birari	284	295
43	EFFICACY OF TRICHODERMA MEDIATED COPPER NANOPARTICLES AGAINST SEED BORNE MYCOFLORA OF CHICKPEA	S.R. Rathod, S.T. Ingle, and N.V. Gurav	296	305

S. No.	TITLE	AUTHOR	PAGE NO.	
44	ANTIFUNGAL ACTIVITY OF <i>TRICHODERMA ASPERELLUM</i> TRND14 AGAINST <i>FUSARIUM OXYSPORUM</i> F. SP. <i>CICERI</i>	P.S. Tale, S.T. Ingle, N.V. Gurav, and B.P. Birari	306	314
45	EFFECT OF ABIOTIC FACTORS ON LARVAL POPULATION OF TOBACCO CATERPILLAR (<i>SPODOPTERA LITURA</i> FAB.) ON CAULIFLOWER	Bharat Singh, Archana U. Singh, Neetu Singh, Raghvendra Pratap Singh, Gaurav Papnai and S. Sudhakar	315	320
46	EVALUATION OF DIFFERENT TOMATO (<i>SOLANUM LYCOPERSICUM</i> L.) VARIETIES FOR BEST PERFORMANCE IN WEST KAMENG DISTRICT ARUNACHAL PRADESH INDIA	T.S. Mishra, Abhimanyu Chaturvedi, N. K. Mishra, Tasso Tabin, Mudang Tana, S.K. Tiwari and Sange Choem	321	324
47	COMPARATIVE BIOLOGY AND MORPHOMETRIC STUDIES OF PINK BOLLWORM, <i>PECTINOPHORA GOSSYPIELLA</i> (SAUNDERS) (LEPIDOPTERA: GELECHIIDAE) ON <i>Bt</i> AND NON- <i>Bt</i> COTTON	Shashank D. U., Poornima V. Matti, S. B. Patil and Manjula S. Maralappanavar	325	335
48	SCREENING OF WHEAT GERMPLASM FOR STUDYING GRAIN LENGTH VARIATION DURING MATURITY AND GRAIN DEVELOPMENT STAGES	Maninder Kaur and Satinder Kaur	336	343
49	CHILLI ANTHRACNOSE: SURVEY FOR THE INCIDENCE AND CHARACTERIZATION OF <i>COLLETOTRICHUM</i> SPP. ISOLATES IN TELANGANA STATE	R.G. Kavya, M. Madhavi, B. Rajeswari, P. Sujatha and S.N.C.V.L. Pushpavalli	344	355
50	MONITORING OF INSECT PEST COMPLEX ASSOCIATED WITH PEA IN EASTERN U.P. CONDITION	Abhishek Yadav, Amit Yadav, Tara Yadav, Anil Kumar Pal and Mohit Tiwari	356	358
51	FOREST BASED LIVELIHOOD: OPPORTUNITIES AND CHALLENGES IN INDIA: A REVIEW	Priti Singh, S.S. Dhuria, Neha Soan, Kuldeep Chauhan, Kamesh, and Shraddha Pandey	359	366
52	ASSESSMENT OF PERENNIAL FODDER GRASSES WITH VARIOUS ORGANIC NUTRIENT SOURCES IN UTTARA KANNADA DISTRICT OF KARNATAKA INDIA	Venkatesh L., Sanjeev Kyatappanavar, Syed Ali and Krishna K.S.	367	370
53	EFFECT OF THIOUREA AND SALICYLIC ACID IN ENHANCING GROWTH AND PHENOLOGY OF MUNGBEAN (<i>VIGNA RADIATA</i> (L.) R. WILCZEK) FOR QUALITY SEED PRODUCTION	Parikha Prakash Singh, R. Shiv Ramakrishnan, Gyanendra Tiwari, Abhishek Sharma and Shailendra Sagar Prajapati	371	375
54	EFFECT OF MALTING ON COMPOSITION OF NUTRIENTS AND ANTI-NUTRIENTS IN FINGER MILLET FLOUR	Soumya Sucharita Sahoo, B.S. Agarkar and Anushree R.K.	376	381
55	EFFECT OF FOLIAR APPLICATION OF CALCIUM, ZINC AND BORON ON FRUIT RETENTION AND YIELD OF AONLA (<i>EMBLICA OFFICINALIS</i> GAERTN) CV. NA 7	Mohit S. Janbandhu, Shrirang D. Temak, Shivaji N. Kolekar, Premlata M. Chandan, Pramod M. Lalge, Asha B Bahadure, Swaroop B. Rodge, Lokesh R. Raut, Vishal A. Madavi and Abhinav S. Pate.	382	386
56	GENETIC DIVERSITY STUDIES BASED ON ISOZYME PROFILE IN MAIZE INBREDS (<i>ZEA MAYS</i> L.)	Ranju Kumari, Jyoti Kumari, A. K. Singh and Divya Tiwari	387	392
57	EFFECT OF TREE LEAF MULCH ON GROWTH AND YIELD OF PEARL MILLET (<i>PENNISETUM GLAUCUM</i> L.) IN GUAVA (<i>PSIDIUM GUAJAVA</i> L.) BASED AGRI-HORTI SYSTEM IN VINDHYAN REGION	Kuldeep Chauhan, R.S. Singh, Saurabh Kumar Pandey, Priti Singh, Alok Kumar Chandrakar and Kamesh	393	400
58	ASSESSMENT OF SURVIVAL AND GROWTH PERFORMANCE OF TREE SPECIES IN EARLY AGE URBAN PLANTATION OF KUMTA TOWN IN UTTARA KANNADA DISTRICT OF KARNATAKA INDIA	Ramesh Rathod, Syed Ali , Murugesh Hatti and Venkatesh L.	401	406
59	EFFECT OF FOLIAR APPLICATION OF CALCIUM, ZINC AND BORON ON BIOCHEMICAL CHARACTERS OF AONLA (<i>EMBLICA OFFICINALIS</i> GAERTN) CV. NA-7	Mohit S. Janbandhu, Premlata M. Chandan, Asha B. Bahadure, Dewanand M. Panchbhai and Surendra R. Patil	407	414
60	EFFECT OF INTEGRATED NUTRIENT MANAGEMENT ON QUALITY OF ONION (<i>ALLIUM CEPA</i> L.)	Madanpal Singh, Pratap Singh and Joginder Singh	415	423
61	EFFECT OF FOLIAR APPLICATION OF CALCIUM, ZINC AND BORON ON PHYSICAL CHARACTERS OF AONLA (<i>EMBLICA OFFICINALIS</i> GAERTN) CV. NA-7	Mohit S. Janbandhu, Premlata M. Chandan, Asha B. Bahadure, Dewanand M. Panchbhai and Surendra R. Patil.	424	431

S. No.	TITLE	AUTHOR	PAGE NO.	
62	ORGANIC MANAGEMENT OF CHICK PEA WILT (<i>CICER ARIENTINIUM</i>) CAUSED BY <i>FUSARIUM OXYSPORUM</i> F.SPP. <i>CICERIS</i>	Shahnashi Hashmi, Ankit Baghel, Mehjabi Hashmi and Gaurav Kumar Mishra	432	437
63	FARMER DRIVEN DESIGN OF PINEAPPLE MARKETING APPS: A SURVEY ON FARMERS' INTERFACE PREFERENCES	P. Shaktawat and R. J. Singh	438	444
64	BLAST DISEASE OF RICE: A COMPREHENSIVE REVIEW	Rashmi Nigam and Joginder Singh	445	451
65	ORGANIC AND NATURAL ECO-FRIENDLY FARMING: A REVIEW	Jag Mohan, Neha Negi, Babita Bharti and Bharti Gautam	452	460
66	DEVELOPMENT OF GROUNDNUT YIELD PREDICTING MODEL IN RELATION TO WEATHER PARAMETERS IN DHARWAD DISTRICT, KARNATAKA INDIA	Ashwini. C.B., Ashalatha K.V., and Megha J.	461	467
67	MILLETS AS A VALUE-ADDED PRODUCT: A REVIEW	Shashank Verma, Vijay Kumar Singh, Vipul Chaudhary, P K Mishra, Ankit, S N Tiwari, V K Roshan, Mo. Akram	468	473
68	IMPACT OF MICRONUTRIENTS ON GROWTH, FLOWERING AND YIELD OF STRAWBERRY (<i>FRAGARIA</i> × <i>ANANASSA DUCH.</i>) CV. CHANDLER IN WESTERN UTTAR PRADESH INDIA	Antriksh Deshwal, Anupam Tiwari, Joginder Singh, MS Rathi, Saurabh Kumar Singh and Abhay Vikram Singh	474	477
69	PERFORMANCE OF DIFFERENT LEGUMES UNDER BAMBOO-BASED AGROFORESTRY IN BUNDELKHAND	Prabhat Tiwari, Pradymna Deshmukh, Rahul Dhakad, Rakesh Kumar and Ram Prakash Yadav	478	484
70	PATTERN OF MARKETING AND TRADE IN PULSES: NATIONAL AND INTERNATIONAL SCENARIO	Akanksha Tiwari, Piyusha Singh, D K Singh, Prakash Yadav and Anil Kumar Singh	485	492
71	EXPLORING THE INFLUENCE OF VARIOUS SUBSTRATE COMBINATIONS ON FLORAL CHARACTERISTICS OF WINTER ANNUALS	Arvind Malik, D.S. Dahiya, A.K. Godara, Vikas Kumar Sharma and Raveena	493	496
72	ASSESSING THE IMPACT OF GROWING CONDITIONS ON FLORAL CHARACTERISTICS OF GERBERA (<i>GERBERA JAMESONII</i>) CULTIVARS: A COMPARATIVE STUDY	Raveena, Arvind Malik, Divya and Aneja Nair M.	497	502
73	OPINION OF THE FARMERS REGARDING VARIOUS ASPECTS OF KRISHI MAHOTSAV	Boppana Jagadeeswari, J.B. Patel and Hemlata Saini	503	508
74	BIOGAS PRODUCTION POTENTIAL FROM VARIOUS BIOMASS WASTES: A REVIEW	Rajinder Kumar, Pardeep Kumar, Abhishekh Walia and D.K. Vatsa	509	518
75	CORRELATION COEFFICIENTS AND PATH ANALYSIS FOR GRAIN YIELD AND YIELD CONTRIBUTING TRAITS IN BROWN MIDRIB SORGHUM [<i>SORGHUM BICOLOR</i> (L.) MOENCH]	Mohammedi Begum, More A.W., Aquibullah Khan and Lagad S.L.	519	523
76	EVALUATION OF SINGLE-WHORLED BALSAM (<i>IMPATIENS BALSAMINA</i>) GERMPLASM FOR GROWTH, FLOWERING AND SEED ATTRIBUTES	Sumit Pal, Anil K. Singh and Anupam Tiwari	524	528
77	EFFECT ON SOIL FERTILITY WITH ZINC AND IRON FERTILIZATION IN MAIZE (<i>ZEA MAYS</i> L.)	Deepak Kumar, U. P. Shahi, Ankit Kumar, Rajendra Kumar, Sunil Kumar and Himanshu Tiwari	529	532
78	DETERMINATION OF ASSOCIATION OF YIELD COMPONENTS BY PATH ANALYSIS IN TOMATO (<i>SOLANUM LYCOPERSICUM</i> L.)	Himanshu Singh, G.C. Yadav, Hareesh Kumar Maurya, Brijesh Kumar Maruya, Niharika Singh and Joginder Singh	533	536
79	ASSESSMENT OF GENETIC DIVERGENCE THROUGH CLUSTER ANALYSIS IN CHILLI (<i>CAPSIUM ANNUM</i> L.)	Rameshwar Dayal, G.C. Yadav, Himanshu Singh, Jayshree Singh and Hareesh Kumar Maurya	537	540
80	EFFECT OF RESPONSE FOR OPTIMISING YIELD OF GUAVA (<i>PSIDIUM GUAJAVA</i> L.) CV. HISAR SAFEDA THROUGH NUTRIENTS AND BIOFERTILISERS APPLICATION	Aneja Nair M., Arvind Malik, Sakshi and Raveena	541	545
81	ORGANIC MANAGEMENT OF CERCOSPORA LEAF SPOT OF BLACK GRAM (<i>CERCOSPORA CANESCENS</i>) BY USING PLANT LEAF EXTRACT, BIO-AGENTS AND MIX CROPPING	Mehjabi Hashmi, Pankaj Kumar Mehta, Shahnashi Hashmi, Anshul Natani and Sachin Kumar Rathor	546	550
82	EFFICACY OF ORGANIC AMENDMENT AND BIOAGENTS ON THE MANAGEMENT DOWNY MILDEW DISEASE OF SORGHUM CAUSED BY <i>PERONOSCLEROSPORA SORGHI</i> .	Shahnashi Hashmi, Anshul Natani and Mehjabi Hashmi	551	556
83	KNOWLEDGE OF RECOMMENDED CULTIVATION PRACTICES AMONG SWEET LIME GROWERS	S.S. Walde, V.V. Tayde, S.S. Bhopale and P.A. Sakhare	557	561

S. No.	TITLE	AUTHOR	PAGE NO.	
84	PERSONNEL CORRELATES OF BIOMIX BENEFICIARY AMONG TURMERIC GROWERS	Sagar S. Bhople, V.V. Tayde, S.S. Walde and P.A. Sakhare	562	565
85	PERCEIVED EFFECTIVENESS OF BIOMIX AMONG BENEFICIARY OF TURMERIC GROWERS	Bhople Sagar Subhash, V.V. Tayde, P.A. Sakhare and S.S. Walde,	566	569
86	PERSONAL AND SOCIO-ECONOMIC PROFILE OF THE ORGANIC FARMERS	Priyanka Ingale, S.S. Shende, Prajakta Takte, V. G. Patil Joginder Singh	570	573
87	PERFORMANCE OF POTATO VARIETIES ON QUALITY PARAMETER UNDER MARATHWADA CONDITIONS	R.D. Baghele, M.A. Kharat, D.R. Bhise, and Joginder Singh	574	576
88	A STUDY ON RELATIONSHIP BETWEEN PROFILE AND AWARENESS OF FARMERS ABOUT SCHEMES FOR DOUBLING FARM INCOME	Gaikwad S.R., Thorat K.S., Samrit V.B. and Sherkhane B.D.	577	581
89	CONSTRAINTS FACED BY THE TURMERIC GROWERS AND SUGGESTIONS GIVEN TO OVERCOME IT	Shende S.S., Ahire R.D., and A.G. More	582	584
90	ADOPTION OF RECOMMENDED CULTIVATION PRACTICES AMONG SWEET LIME GROWERS	S.S. Walde, V.V. Tayde, P.A. Sakhare and S.S. Bhople,	585	589
91	EFFECT OF DIFFERENT SPACING AND FERTIGATION LEVELS ON YIELD AND QUALITY OF BELL PEPPER (<i>CAPSIUM ANNUUM</i> L.) HYBRID BOMBY GROWN UNDER PROTECTED CONDITIONS	Priya Thakur and Shalini Singh	590	595
92	BIOCHEMICAL STUDY OF <i>TRIDAX PROCUMBENS</i> WEED ON VITAL ORGANS OF FEMALE SPRAGUE DAWLEY RATS	Vinita Ahirwar and Kusum Singh	596	601
93	<i>IN VITRO</i> AND <i>IN VIVO</i> EFFICACY OF DIFFERENT BOTANICALS AGAINST <i>RHIZOCTONIA</i> SPP. INCITING ROOT ROT DISEASE IN COTTON (<i>GOSSYPIUM</i> SPP.)	Preeti Vashisht, N.K. Yadav and Prahlad	602	608
94	SUCCESS EVALUATIONS OF BUDDING METHODS AND TIMING IN BAEI (<i>AEGLE MARMELOS</i> L.)	Aman Srivastav and Hari Baksh	609	614
95	ECONOMIC ANALYSIS OF MAKHANA CULTIVATION IN DARBHANGA DISTRICT OF BIHAR, INDIA	Sujita Kumari Sharma, Meera Kumari, Shoji Lal Bairwa, M.Rahman, Chandan Kr. Panda, Fozia Homa and Chanda Kushwaha	615	618
96	COMPATIBILITY ASSESSMENT OF INDIGENOUS <i>TRICHODERMA</i> STRAINS WITH FUNGICIDE MOLECULES THROUGH <i>IN VITRO</i> ANALYSIS	Nikita, Sanjeev Kumar, Erayya, Kalmesh. M., Md. Shamim and C.S. Azad	619	625
97	PACKAGING EFFECTS ON SHELF-LIFE AND QUALITY OF TOMATO (<i>LYCOPERSICON ESCULENTUM</i> MILL.) IN STORAGE	Garima Tiwari, Harish Chandra Yadav, Virendra Kumar Patel, Pushpendra, Anand Singh, Saurabh and Satish Yadav	626	629
98	EFFECT OF PACKAGING MATERIALS AND CHEMICAL TREATMENTS ON POST-HARVEST LIFE AND QUALITY OF TOMATO (<i>LYCOPERSICON ESCULENTUM</i> MILL.) IN STORAGE ENVIRONMENT	Garima Tiwari, Harish Chandra Yadav, Anand Singh, Virendra Kumar Patel, Hari Baksh, Saurabh and Satish Yadav	630	633
99	RESPONSE OF ROSE VAR. GLADIATOR TO DIFFERENT MONTHS OF PRUNING IN NORTHERN ZONE OF KARNATAKA, INDIA	Anasubai S. Hosagoudar, B.V. Champa, Pavan Kumar, Sateesh R. Patil, Balaji S. Kulkarni and A.M. Shirol	634	638
100	EVALUATION AND GENETIC VARIABILITY ESTIMATION FOR PLANT GROWTH AND FLOWER YIELD-RELATED TRAITS AMONG THE DIVERSE GENOTYPES OF <i>TABERNAEMONTANA DIVARICATA</i>	Anasubai S. Hosagoudar, Sateesh R. Patil, Sarvamangala Cholin, Balaji S Kulkarni, Shankar Meti, Laxman Kukanoor and H.P. Maheswarappa	639	644
101	CORRELATION AND PATH ANALYSIS STUDIES IN FRENCH BEAN (<i>PHASEOLUS VULGARIS</i> L.) GENOTYPES	Guruprasad T.R., Athoni B.K. and Vitthal L. Mangi	645	649
102	BIOCHAR IN HORTICULTURE: ENHANCING SOIL HEALTH AND PLANT GROWTH	Paladugu chakradhar, Namratha M.R., Tejaswini R., Jyoti and Vrushali Dattatray Chougale	650	659
103	ASSESSMENT OF PRODUCTIVITY OF <i>DENDROCALAMUS STOCKSII</i> UNDER AGROFORESTRY SITUATION IN HUMID REGION OF KARNATAKA	Salma, Ramakrishna Hegde, Syed Ali and Dhanushree K.	660	664
104	EVALUATION OF FIELD SURVIVAL OF INTER-SPECIFIC GRAFTS IN <i>GARCINIA SPECIES</i>	Preeti R. Naik, Ramesh S. Rathod, Syed Ali and Venkatesh L.	665	668
105	ENHANCING THE GROWTH AND PRODUCTIVITY OF WHEAT (<i>TRITICUM AESTIVUM</i> L.) USING PUSA HYDRO GEL AND FARM YARD MANURE	Sanjay Koushal, Okram Ricky Devi, Bibek Laishram, Abhijit Debnath and Rohit Sharma	669	675

S. No.	TITLE	AUTHOR	PAGE NO.	
106	COMPARATIVE STUDY ON THE EFFICACY OF PRE AND POST EMERGENT HERBICIDES IN ENHANCING GROWTH AND YIELD OF RAINFED MAIZE (<i>ZEA MAYS</i> L.)	Sanjay Koushal, Okram Ricky Devi, Bibek Laishram, S. Anbarasan, Rohit Sharma and Abhijit Debnath	676	682
107	IMPACT OF ORGANIC LIQUID SEED PRIMING ON GROWTH AND ENZYMATIC METRICS OF WHEAT UNDER VARYING NUTRIENT DOSES	Okram Ricky Devi, Omvati Verma, Hridesh Harsha Sarma, Bibek Laishram, Sunita T. Pandey and Abhijit Debnath	683	689
108	ENHANCING SUSTAINABLE AGRICULTURE THROUGH ADVANCE UTILIZATION OF THE <i>AZOLLA-ANABAENA</i> SYMBIOTIC SYSTEM	Sanjay Koushal, Okram Ricky Devi, Bibek Laishram, Satsih Dileep Bhutekar, Hridesh Harsha Sarma and Abhijit Debnath	690	702
109	ANALYSIS OF REGIONAL DROUGHT SEVERITY OVER CENTRAL DRY ZONE OF VARANASI BY USING STANDARDIZED PRECIPITATION INDEX (SPI)	Sarvda Nand Tiwari, Mo. Akram, Vikas K. Singh, Shivam, Ankit, Vipin Kumar Roshan, Shashank Verma and Rahul Saxena	703	710
110	NUTRIENT BUDGET LITTER DECOMPOSITION OF MULTIPURPOSE TREES IN FOREST ECOSYSTEM	Vishnu K. Solanki, Vinita Parte, J.S. Ranawat, Kailash Kumar and Ajay Kumar Shah	711	717
111	STRATEGIES AND TECHNOLOGIES FOR CLIMATE CHANGE ADAPTATION FOR SUSTAINABLE AGRICULTURE	Sahadeva Singh and Vimal Kumar Sharma	718	723
112	STUDIES ON QUANTIFICATION OF TRANSACTION AND MARKETING INFORMATION OF NON-TIMBER FOREST PRODUCTS (NTFPS) IN UTTARA KANNADA DISTRICT OF KARNATAKA, INDIA	Girish B. Shahapurmath, Suma R., Hanumantha, M. and Akshay F. Madiwalar	724	734
113	ANALYSIS OF RAINFALL PATTERN OVER AMBEDKAR NAGAR DISTRICT IN UTTAR PRADESH	Ankit, Shivam, Ram Jeet Singh, Mo Akram, Sarvda Nand Tiwari, Sakshi Dixit, Vipin Kumar Roshan and Shashank Verma	735	741
114	EVALUATION OF PHYSIOLOGICAL TRAITS OF HORSE GRAM [<i>MACROTYLOMA UNIFLORUM</i> (LAM.) VERDC.] GENOTYPES FOR SEED LONGEVITY POTENTIAL	Lokeshwari N., Jagadish Hosamani, Jolli R.B., Bangaremma Wadeyar and Sreenivasulu G.	742	748
115	CONSTRAINTS ASSOCIATED WITH THE PRODUCTION AND MARKETING OF MANGO IN CENTRAL PLAIN ZONE OF UTTAR PRADESH INDIA	Abhishek Singh, A.N. Shukla, Sarvendra Kumar, Debabrata Swain, Gaurav Tomer, Anamika Aggarwal, Praveen Kumar Sahoo and Anushi	749	755
116	SOCIO-ECONOMIC PROFILE OF MANGO GROWERS IN CENTRAL PLAIN ZONE OF UTTAR PRADESH	Abhishek Singh, A.N. Shukla, Sarvendra Kumar, Debabrata Swain, Praveen Kumar Sahoo and Anushi	756	761
117	HARNESSING THE POTENTIAL OF AI FOR SUSTAINABLE AGRICULTURE: A COMPREHENSIVE REVIEW	Shubham Yadav, N.K. Dhamsaniya, G. D. Gohil, Kapil Verma, Sahilpreet Singh and P. J. Rathod	762	769
118	PROMOTING BREEDING OF INDIGENOUS VEGETABLES TO PRESERVE BIODIVERSITY AND CULTURAL HERITAGE OF INDIA	Prashant, Niraj Ku. Prajapati, G.C. Yadav, Vishal Singh, and Ravikant	770	774
119	EFFECT OF ORGANIC MANURES AND BIO-ENHANCERS ON VEGETATIVE PARAMETERS OF TOMATO (<i>SOLANUM LYCOPERSICUM</i> L.) CV. PUSA GAURAV	Krishna Murari Agnihotri, Pavitra Dev, Jitendra Kumar, Joginder Singh, Krishan Chaudhary and Shobhit Sharma	775	779
120	THE ROLE OF SOILLESS SUBSTRATES AND CHITOSAN TREATMENT IN ENHANCING THE VEGETATIVE GROWTH OF <i>LILIUM</i> CV. BREAK OUT GROWN UNDER SHADE NET CONDITION	Pawan Kumar and Vijay Bahadur	780	786