

# PLANT ARCHIVES

Volume 26	Supplement 1	January – 2026
-----------	--------------	----------------

S. No.	TITLE	AUTHOR	PAGE NO.	
1	STUDIES ON COMPARATIVE BIOEFFICACY OF PRE AND POST EMERGENCE HERBICIDE ON GARLIC ( <i>ALLIUM SATIVUM</i> L.) CROP	R. Y. Vyawahare, S. R. Shinde, B. T. Patil, K. N. Dahatonde, S. S. Gholave and A.R. Gore	1	6
2	IMPACT OF IMPROVED TECHNOLOGY ON YIELD AND ECONOMIC VIABILITY OF PEARL MILLET AND WHEAT UNDER FRONTLINE DEMONSTRATION IN GURUGRAM DISTRICT OF HARYANA, INDIA	Bharat Singh, Gaurav Papnai, Manjeet, Rajiv Kumar Singh, Raghvendra Pratap Singh, Laxmi Narayan Yadav, Pargat Singh and Ram Sewak	7	11
3	EFFECT OF DIFFERENT SPACING AND FERTILIZER LEVELS ON QUALITY OF NEW PADDY VAR. SAHYADRI SINDHURA	Sathvika Indu N.R., Veeranna H.K., Kumar Naik A.H., Sharanabasappa S. Deshmukh and Dhananjaya B.C.	12	18
4	ADAPTABILITY OF CHINESE CABBAGE HYBRIDS UNDER VARIED GROWING CONDITIONS	Shreerama T., M.D. Mali, S.S. Dhumal, B.T. Patil, R.D. Pawar and D.S. Kadam	19	23
5	STANDARDIZATION OF DRYING TECHNIQUES IN CUT CHRYSANTHEMUM	Rajiyabegaum S. Hosalli, Laxman Kukanoor, Viresh M. Hiremath, Sateesh R. Patil, Mukund Shiragur and Ashok	24	33
6	MARKETING PATTERN OF MAJOR HORTICULTURAL CROPS: A COMPARATIVE ANALYSIS FROM MOKOKCHUNG DISTRICT OF NAGALAND INDIA	Sunepinla, Amod Sharma and Longbor Bey	34	42
7	<i>IN VITRO</i> EVALUATION OF FUNGICIDES, ESSENTIAL OILS AND BIOAGENTS AGAINST <i>ALTERNARIA</i> LEAF SPOT OF ASHWAGANDHA ( <i>WITHANIA SOMNIFERA</i> (L.) DUNAL) CAUSED BY <i>ALTERNARIA CRASSA</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, S.A. Raut and S.S. Gholave	43	49
8	A COMPREHENSIVE REVIEW ON HYDROLOGIC ENGINEERING CENTRE- HYDROLOGIC MODELLING SYSTEM (HEC-HMS)	Prasanna B. Khaire, B. K. Gavit and Komal G. Rokade	50	55
9	REDUCING PEAT DEPENDENCY IN ORNAMENTAL HORTICULTURE: IMPACT OF VERMICOMPOST-BASED SUBSTRATES AND FOLIAR NPK ON <i>PELARGONIUM ZONALE</i>	Sayima Javeed, Neelofar Bandy, Imtiyaz Tahir Nazki, Tabinda Wani, Farooq Ahmad Khan, Nageena Nazeer and Miftah Hamid	56	65
10	SURVEY ON MAJOR INSECT PESTS OF GINGER AND SURVEY-BASED STUDY ON FARMERS KNOWLEDGE AND PATTERN OF USING INSECTICIDE ON GINGER CROP IN SHIVAMOGGA DISTRICT OF KARNATAKA INDIA	Bannihatti Anilkumar, Shivanand Pradeep, Sharanabasappa S. Deshmukh, Hosamane Basavarajappa Mallikarjuna and Basavalingaiah	66	76
11	ASSESSMENT OF GENOTYPES AGAINST DRY ROOT ROT OF BLACKGRAM ( <i>VIGNA MUNGO</i> L.)	A. Varshini, V. Swarnalatha, M. Pallavi and M. Madhavi	77	89
12	CORRELATION AND PATH COEFFICIENT ANALYSIS FOR VARIOUS TRAITS IN BOTTLE GOURD ( <i>LAGENARIA SICERARIA</i> MOLINA STANDL.) GENOTYPES	M.P. Poojya, Namita Bhaskar Raut, Hanumanthappa Parappa Hadimani, Manjunath Hubballi and Sayeed Wajeed Rajahmed Mulla	90	93
13	GENETIC ASSOCIATION AND DIRECT-INDIRECT EFFECTS OF YIELD COMPONENTS IN POTATO ( <i>SOLANUM TUBEROSUM</i> L.) UNDER NORTHERN DRY ZONE OF KARNATAKA INDIA	T. S. Soundarya, Vasant M. Ganiger, Bhuvaneshwari G., Mahesh Y.S., Namitha Bhaskar Raut, Bapurayagouda B. Patil, Shravan Kumar T.S., Mallikarjun G. Awati and Ravikumar Neeruggi	94	98
14	CORRELATION AND PATH ANALYSIS OF YIELD-ATTRIBUTING TRAITS IN F <sub>2</sub> POPULATION OF RIDGE GOURD ( <i>LUFFA ACUTANGULA</i> L. ROXB)	Pushpa M.V., H.P. Hadimani, Raveendra S Jawadagi, Sayeed Wajeed Rajahmed Mulla and Manjunath Hubballi	99	103
15	DEVELOPMENT AND EVALUATION OF NUTRITIOUS PREMIX INCORPORATED WITH GRAPE POMACE POWDER	Chaitra Hanumant Gadiwaddar, Deepa Terdal, Ramachandra Naik, Gajanana Kustagi, Rudresh D. L. and Ramesh	104	110
16	INTEGRATED NUTRIENT MANAGEMENT: A SUSTAINABLE APPROACH TO IMPROVE GROWTH AND QUALITY OF SWEET ORANGE CV. SATHGUDI	Avantika, Anand G. Nanjappanavar, Sateesh Pattepur, Sanjeevreddi G. Reddi and Ganeshagouda I. Patil	111	116
17	EFFECT OF INTEGRATED NUTRIENT MANAGEMENT ON GROWTH ANALYSIS AND YIELD OF MAIZE ( <i>ZEA MAYS</i> L.) IN VERTISOLS OF NORTHERN TRANSITION ZONE OF KARNATAKA INDIA	Vinaykumar B.B., Patil S.L., Patil C.R. and Shivakumar B.G.	117	125
18	EFFECT OF FOLIAR APPLICATION OF NANO UREA ON YIELD, QUALITY AND ECONOMICS OF CUSTARD APPLE ( <i>ANNONA SQUAMOSA</i> L.) CV. SINDHAN	A.H. Hirpara, B.M. Nandre, P.A. Sable, Anjinayya and H.B. Kher	126	130
19	GENETIC DIVERGENCE STUDY IN PUMPKIN ( <i>CUCURBITA MOSCHATA</i> DUCH. EX. POIR)	Vineela Grace, Raveendra S. Jawadagi, Namita Bhaskar Raut, Dadepeera Peerajade and Satyanarayana C.	131	135

S. No.	TITLE	AUTHOR	PAGE NO.	
20	GENETIC VARIABILITY, CORRELATION AND PATH ANALYSIS FOR SELECTION IN ELITE BREEDING MATERIALS OF SESAME ( <i>SESAMUM INDICUM</i> L.)	Dinkar, Sima Sinha, Namrata Dwivedi, Manisha Patel, Shubham Priyadarshi, Buddha Priya Mourya, Anish Kumar and Ram Manish Kumar	136	141
21	STUDY ON PRODUCTION AND UTILIZATION OF MINOR MILLETS IN ANDHRA PRADESH INDIA	T. Sri Chandana, K. Ashok Kumar K. Raghavendra Chowdary, K. Madhuri and N. Ramesh Naik	142	150
22	BIODIVERSITY AND CHARACTERIZATION OF INDIAN SPICES: A REVIEW	Anasuya Sil, Tanmoy Mondal, Ameda Swarnalatha, Sherali Hembram and Jitesh Kumar Hore	151	163
23	OPTIMIZING ORGANIC INPUTS FOR IMPROVED FENUGREEK ( <i>TRIGONELLA FOENUM-GRÆCUM</i> L.) CULTIVATION IN NORTHEAST REGION OF INDIA	Likivi H. Kiho, Graceli I. Yepthomi, Nzanthung Ezung, C.S. Maiti, S.P. Kanaujia and A.K. Singh	164	167
24	ASSESSMENT OF SEAWEED EXTRACTS AND LEVELS OF RDF ON QUALITY TRAITS OF TOMATO ( <i>SOLANUM LYCOPERSICUM</i> L.) VAR. SAAHO.	Lalita Lal, Vijay Bahadur and Ram Bharose	168	173
25	PERFORMANCE OF OKRA ( <i>ABELMOSCHUS ESCULENTUS</i> L. MOENCH) GENOTYPES DURING THE LATE KHARIF SEASON	S. Neeraja, J. Srinivas and Veena Joshi	174	182
26	RICE YIELD AND WATER USE EFFICIENCY GROWN WITH DIFFERENT IRRIGATION REGIMES IN A RICE INTENSIFICATION SYSTEM	Mukesh Kumar, Rekha Jangra, Rajeev Kumar and Sajjan Kumar	183	190
27	PALYNOLOGICAL STUDIES OF THE GENUS <i>SONERILA</i> ROXB. IN KARNATAKA, INDIA	Prashant Karadakatti , Shreyas Betageri and Siddappa B. Kakkalameeli	191	195
28	ENHANCING QUALITY AND PRODUCTIVITY OF SESAME THROUGH FOLIAR APPLICATION OF MICRONUTRIENTS MIXTURE	Darshan, B.T., Ashoka, K.R., Atheefa Munawary, Kiran Kumar, N., Praveen, P. and Ambruthavarshini	196	209
29	REVISED CRITERIA FOR THE CLASSIFICATION OF 'CANDIDATUS PHYTOPLASMA': IMPLICATIONS FOR EPIDEMIOLOGY AND ECOLOGICAL STUDIES	Shoeb Ahmad	210	224
30	TRENDS IN AREA, PRODUCTION AND PRODUCTIVITY OF GROUNDNUT CROP IN JHANSI DISTRICT OF UTTAR PRADESH AND INDIA	Prince Kumar and Swatantra Pratap Singh	225	233
31	EPITRANSCRIPTOMICS IN FRUIT DEVELOPMENT AND STRESS RESPONSES: THE EMERGING ROLE OF RNA MODIFICATIONS	Shiv Kumar Ahirwar, Kumari Punam Sinha, Suman Kumari, T. K. Nagarathna and Tejraj Singh Hada	234	245
32	EFFECT OF MICRONUTRIENTS ON YIELD AND QUALITY OF ONION SEED	Shravankumar H. Lingannavar, Sugur M. Prassana, Sayeed Almas R. Mulla, Mr. Hanumanthappa P. Hadimani, Shripad P. Vishweshwar and Rudresh D. L.	246	253
33	EFFECT OF SPACING AND FERTILIZER LEVELS ON GROWTH, YIELD, QUALITY AND NUTRIENT UPTAKE OF FCV TOBACCO VAR. FCS-4	Deepa Patil, Soumya T.M., Veeranna H.K., Prashantha C. and Shashikala S.K.	254	260
34	EFFICACY OF LABEL CLAIMED INSECTICIDES AGAINST SUCKING PESTS IN <i>Bt</i> COTTON	R.D. Patel, G.R. Bhandari, H.R. Desai and M.C. Patel	261	268
35	BREEDING FOR DOWNY MILDEW RESISTANCE IN CUCURBITACEOUS VEGETABLES: A REVIEW	P. Anupriya, S. Sarada and Syama S. Thampi	269	281
36	A STUDY ON THE AWARENESS AND KNOWLEDGE LEVELS OF GRADUATES ON SIGNIFICANCE OF PLANT BASED MILK	K. Bhargavi Devi, T. Sucharita Devi, T. Supraja and A. Vijaya Kumar	282	287
37	GENETIC VARIABILITY FOR IMPORTANT AGRONOMIC TRAITS AMONG ADVANCED BREEDING LINES OF RICE ( <i>ORYZA SATIVA</i> L.)	Vikas J.B., Dushyantha Kumar B. M., Santosh P., Gajendra K., Brijesh S. A., Karthik N., Anilkumar L. C. and Deepti S. T.	288	292
38	EFFECT OF POST-HARVEST TREATMENTS ON QUALITY AND SHELF LIFE OF RAINY SEASON GUAVA ( <i>PSIDIUM GUAJAVA</i> L.) CV. HISAR SAFEDA AND VNR-BIHI	Preeti Jha, Satpal Baloda and Mihretu Yonas Barkessa	293	302
39	EVALUATION OF COMPATIBILITY OF <i>TRICHODERMA HARZIANUM</i> WITH SELECTED PESTICIDES USED IN CARDAMOM, PEPPER AND GINGER	Ananya H.A., Harsha K.N., Karuppa Samy K., Veeresh N., Siddarth N. S., and Manuval Joseph	303	309
40	EFFECT OF LONG-TERM FERTILIZATION IN A SORGHUM-WHEAT CROPPING SEQUENCE ON DRY MATTER ACCUMULATION AND YIELD OF WHEAT IN VERTISOL	Sindhu R. Rathod , S. D. Jadhao, Monika S. Bhavsar, S.M. Bhoyar, V.V. Gabhane, J. P. Deshmukh and Manish R. Pandao	310	314
41	FROM DISCOVERY TO DEPLOYMENT: <i>PUP1</i> IN RICE PHOSPHORUS NUTRITION AND YIELD STABILITY	Amrita Thomas and Nithesh Kushwaha	315	329
42	PATH ANALYSIS AND CORRELATION STUDIES FOR IDENTIFYING SUPERIOR RESTORER LINES IN HYBRID RICE BREEDING	Sapaka Jayaprakash Dora , A. S. Harini , P. Senguttuvel and D. Sanjeeva Rao	330	336

S. No.	TITLE	AUTHOR	PAGE NO.	
43	EFFECT OF FARMING SYSTEM MODULES AND VARIETIES ON GROWTH AND YIELD OF FENUGREEK IN NORTHERN DRY ZONE OF KARNATAKA INDIA	Mahima Patil D., Krishna D. Kurubetta, Chandalinga, Yogeeshappa H. and Ganeshgouda I. Patil	337	340
44	EFFECT OF SEED BIOPRIMING ON GERMINATION AND SEEDLING GROWTH OF PAPAYA	Ch. Sunitha, M. Madhavi, N. Bharathi, P. Vinaya Kumar Reddy, P. Subbaramamma and K. Sasikala	341	348
45	ASSESSMENT OF PRODUCTIVITY AND PROFITABILITY OF IMPROVED MAIZE VARIETIES IN WEST GARO HILLS, MEGHALAYA INDIA	Priyanka Saha, Monica S. Singh, Tarun K. Das and B.P. Singh	349	352
46	EFFECT OF PRE AND POST EMERGENCE HERBICIDES ON YIELD AND ECONOMICS OF SOYBEAN ( <i>GLYCINE MAX</i> L.)	Abhale R. R., V. P. Suryavanshi, M. J. Patange, J. S. Gaikwad and M. V. Bhisad	353	358
47	PLANT-APHID INTERACTIONS IN BRASSICACEAE: ROLES OF GLUCOSINOLATES, VIRUSES, AND BACTERIAL SYMBIONT ASSOCIATIONS	Ajai R., Ngangom Uma Devi, Mougtha Dutta, Surendra Choudhary and Kaushal Choudhary	359	364
48	ROLE OF ZINC AND BORON IN ENHANCING PHYSIOLOGICAL ATTRIBUTES OF RICE IN SALINE ENVIRONMENT	B. Rajeshwari, Suma R., Ananthakumar M. A., Keshavaiah K. V. and Chandrappa	365	374
49	IMPACT OF INORGANIC NUTRIENTS AND BIOFERTILIZERS ON ECONOMIC PERFORMANCE IN SPINACH BEET CULTIVATION	S. Hima Bindu, M. Hanuman Nayak, P. Prasanth, A. Mamatha and S. Praneeth Kumar	375	379
50	SOLE AND COMBINED EFFECT OF SULPHUR AND BORON APPLICATION ON GROWTH AND YIELD OF NIGER ( <i>GUIZOTIA ABYSSINICA</i> )	Elora Bag, Champak Kumar Kundu, Sunil Kumar Gunri and Hirak Banerjee	380	386
51	GENETIC DIVERGENCE STUDIES IN KODO MILLET ( <i>PASPALUM SCROBICULATUM</i> L.) USING D <sup>2</sup> STATISTICS AND MOLECULAR MARKER	Dhrumi Dalsaniya, Arna Das and D. J. Paramar	387	395
52	INTEGRATED APPROACHES TO ENHANCE PHOSPHORUS AVAILABILITY IN CALCAREOUS SOILS: A REVIEW	Anand Prasad Rakesh, Santosh Kumar Singh, Pankaj Singh and Shivanath Suman	396	405
53	SURVEY FOR SEVERITY OF <i>ALTERNARIA</i> LEAF BLIGHT OF SAFFLOWER IN MAJOR SAFFLOWER GROWING AREAS OF NORTH KARNATAKA INDIA	Shivani K., Prabhavathi N.M., Shalini H., Nagabhushana Nayidu and Syeda Samina Anjum	406	409
54	INTEGRATIVE ANALYSIS OF MORPHOLOGICAL DESCRIPTORS AND IDEOTYPE SELECTION IN LENTIL ( <i>LENS CULINARIS</i> MEDIK.) AT KYMORE PLATEAU, MADHYA PRADESH INDIA	Jhilick Banerjee, Stuti Sharma, Shikha Upadhyay and Prashant Namdeo	410	420
55	RESPONSE OF ORGANIC AND INORGANIC NUTRIENT MANAGEMENT ON GROWTH AND YIELD OF CUMIN UNDER BUNDELKHAND REGION OF INDIA	Rahul Rabiya, Awanish Kumar, K. K. Sharma, Rajesh Kumar Pandey, Jay Narayan Tiwari, Satyavir Singh, Ashish Kumar Tiwari, Lokesh Kumar Jat, Manish Yadav, Arun Kumar and Rahul Kumawat	421	426
56	QUANTIFYING YIELD LOSSES IN GROUNDNUT ( <i>ARACHIS HYPOGAEA</i> L.) DUE TO INSECT-PEST COMPLEX	Buts Kumar Gourav, Devendra Kumar Yadav, Akhileshwar Vishwakarma, Pratiksha Dwivedi and Ajeet Kumar Singh	427	430
57	ASSESSMENT OF MORPHOLOGICAL DIVERSITY FOR THE QUALITATIVE TRAITS OF JACKFRUIT ( <i>ARTOCARPUS HETEROPHYLLUS</i> LAM.) GENOTYPES FOR VEGETABLE PURPOSE	V. Dileep, P. Venkatesha Murthy, S. Shyamamma, K. S. Nirmala, C. Suneetha and B. Kalpana	431	438
58	ENHANCED ZINC MANAGEMENT FOR IMPROVED PRODUCTIVITY AND POST-HARVEST NUTRIENT AVAILABILITY IN MAIZE ( <i>ZEA MAYS</i> L.)	M. Sarika, B. Prashanthi, Jagadeesh U., B. Bhavana, P. Varalakshmi and K. Avil Kumar	439	444
59	PLANTS IN SPACE : GROWING VEGETABLES IN SPACE- A REVIEW	S.N. Darshan, C. Suneetha, S. Yuvaraj, Krishnamma P.N., Sunitha T.R. and Manjunatha Swamy T.S.	445	449
60	STANDARDIZATION OF INGREDIENTS FOR THE PREPARATION OF WOOD APPLE FRUIT LEATHER	Mahantesh S. Patil, Kiran Kumar N., Kantharaj Y., Kiran Kumar R., Shashikala Bai D., Bindu H. and Sahana D.P.	450	458
61	EVALUATION OF PEARL MILLET VARIETIES / GENOTYPES FOR THEIR RESISTANCE AGAINST <i>HELIOverPA ARMIGERA</i> (HUBNER)	Gami K. N., Gadhiya V. C., Shah K. D., Trivedi V. N. and Patel D. V.	459	463
62	PLANT GROWTH REGULATOR'S IMPACT ON SESAME CROP ( <i>SESAMUM INDICUM</i> L.) GROWTH AND YIELD: A REVIEW	Nilotpal Das, Argha Mandal and SK Moinuddin	464	468
63	REGENERATION STATUS OF NATURAL SANDALWOOD POPULATION IN KARNATAKA, INDIA	A.G. Kartik, M.V. Durai, Gaddam Sudharshan Reddy and N. Ravi	469	475
64	GENERATION OF DNA FINGERPRINTS OF MEDICINAL RICE GENOTYPES USING MICROSATELLITES	Nishesh Tamrakar, Prabharani Chaudhari, Fakeer Chand Sao, Sunil	476	482

S. No.	TITLE	AUTHOR	PAGE NO.	
	MARKERS	Kumar Verma, Sunil Nair, Maumita Barman, Ambika Tandon and Deepak Sharma		
65	METHODS USED FOR CULTIVATION OF <i>CORDYCEPS</i> : A REVIEW	S.A. Rathod, Priya John, Nidhi Kumari and D.S. Devani	483	487
66	ROLE OF PSYCHOMETRIC VALIDATION IN DEVELOPING A KNOWLEDGE TEST FOR COTTON STAKEHOLDERS	K. Pravallika, S. Chandra Shekar, Ch. Venu Gopala Reddy and A. Poshadri	488	498
67	INTEGRATED WEED MANAGEMENT STRATEGIES FOR ENHANCING GROWTH AND YIELD OF POTATO ( <i>SOLANUM TUBEROSUM</i> L.) IN THE GIRD REGION OF MADHYA PRADESH INDIA	Nikhi Soni, Jaidev Sharma, Shravan Kumar Maurya, Aakash Malik, Pradeep Rajput, Ayush Joshi, and Anita Aechra	499	506
68	MORPHOPHYSIOLOGY AND GROWTH ANALYSIS OF ONION ( <i>ALLIUM CEPA</i> L.) CROP GROWN IN AGRIPHOTOVOLTAIC SYSTEMS	Godavari Joshi, Godawari Shivaji Pawar, Indra Mani Mishra, Khizar S. Baig, Baslingappa M. Kalalbandi, Abhishek Shastri, Dileep K. Zate, Suresh Laxmanrao Waikar and Vijaya Shivaji Pawar	507	514
69	MAPPING MOLECULAR VARIATION IN MUNGBEAN TO ACCELERATE GENETIC GAINS	Thota Gopi Krishna, Anil Kumar, Khushboo Chandra, Ravi Ranjan Kumar and Divya Mahto	515	521
70	EFFECT OF MICRONUTRIENT ON GROWTH AND YIELD OF SORGHUM ( <i>SORGHUM BICOLOR</i> )-FENUGREEK ( <i>TRIGONELLA FOENUMGRACEUM</i> ) CROPPING SEQUENCE	S.J. Vaghela, R.A. Gami, K.G. Kugashiya and J.N. Chaudhary	522	527
71	BIOMASS AND CARBON SINK POTENTIAL OF DIFFERENT TREE SPECIES IN KHADAR SOIL OF PRAYAGRAJ, INDIA	Kalpna Mishra, Namu Narayan Mishra, Aman Parashar and Brijesh Gurjar	528	534
72	EFFECT OF PROPAGATION MEDIA ON GROWTH PARAMETERS OF POMEGRANATE AIR LAYERS	Rahul V. Patil, Sachin D. Magar, Vijay R. Pawar, Dnyaneshwar.B. Khirsagar and Mahesh. R. Patil.	535	539
73	PDKV HERBAL TABLETS USED FOR MANAGEMENT OF STORED PULSE GRAIN PEST	P.K. Rathod, Vandana Mohod, P.H. Bakane, Pradhyna Kadam, A.M. Charpe and D.B. Undirwade	540	547
74	EFFECTS OF GARLIC ( <i>ALLIUM SATIVUM</i> ) POWDER ON GROWTH PERFORMANCE, FEED UTILIZATION AND DISEASE RESISTANCE AGAINST <i>AEROMONAS HYDROPHILA</i> IN <i>LABEO CATLA</i>	Binal Tandel, H. V. Parmar, Smit Tandel, Yash Solanki and Honey Tandel	548	554
75	EFFECT OF PATHOGENIC FUNGI ON WATER HYACINTH ( <i>EICHHORNIA CRASSIPES</i> MART. SOLMS)	Aruna Dhakad, Pokhar Rawal and Brijesh	555	561
76	EVALUATION OF MESORHIZOBIAL STRAINS FOR ENHANCED GROWTH, NODULATION, AND YIELD OF CHICKPEA ( <i>CICER ARIETINUM</i> L.)	Priyanka, Pampangouda, I. Balakrishna Reddy, Mahadevaswamy and M. Shobharani	562	567
77	EFFECT OF ORGANIC NUTRIENT SOURCES ON GROWTH AND YIELD OF GREENGRAM ( <i>VIGNA RADIATA</i> L.)	Manikant Kumar, Shikha Singh and Priyanka Priya	568	573
78	EFFECTIVENESS OF MICRONUTRIENT FOLIAR SPRAYS ON TOMATO ( <i>SOLANUM LYCOPERSICUM</i> L.) GROWTH AND PRODUCTIVITY IN PROTECTED CULTIVATION	Varun Shekhar and Vijay Bahadur	574	578
79	BIO-ENZYME BASED HERBAL HAND WASH FOR EFFECTIVE PATHOGEN DEFENSE FROM NATURE TO CLEAN HANDS	Amit Kumar Patel, Vishal Kumar, Khushboo Chandra, Shalini Singh, Kumari Neha Sinha, Nandlal Singh, Ankush Kumar Singh and Palak Saloni	579	583
80	EFFICACY OF 3G KARAISAL FOLIAR APPLICATION FOR ECO-FRIENDLY MANAGEMENT OF PESTS IN COWPEA ( <i>VIGNA UNGUICULATA</i> L.)	Aroulradj Karthickraja, Akil Vanathi S.A., Kavitha S., Kaviya L.M., Keerthi D., Lavanya R. and Meera M.	584	589
81	NATURE, SURVIVAL, SYMPTOMS, EPIDEMIOLOGY AND PREVALENCE OF CHARCOAL ROT: A REVIEW	Ramesh Nath Gupta, Shyam Babu Sah, V.B. Jha, Jitendra Kumar, Shivnath Das, Abhinaw Kumar Singh and A.K. Singh	590	594
82	EVALUATION OF THE QUANTITATIVE AND QUALITATIVE TRAITS OF CHINA ASTER VARIETIES IN DIFFERENT PLANTING TIMES UNDER SEMI-ARID CONDITIONS OF BUNDELKHAND REGION OF INDIA	Piyush Singh, Krishna Singh Tomar, Ajay Kumar Singh, Ashutosh Rai, Amit Kumar Maurya and Aayushi Yadav	595	607
83	EFFECT OF DIVERS PLANTING SYSTEM AND WEED MANAGEMENT PRACTICES ON GROWTH INDICES OF RICE ( <i>ORYZA SATIVA</i> L.)	Suryabhan , M. Z. Siddiqui, Mukesh Kumar, Rajat Yadav, Pradeep Kumar, Krishna Kumar Singh, Abhinav Yadav, Vinay Kumar Patel, Sudhir Pal, and Janardan Prasad Bagri	608	617

S. No.	TITLE	AUTHOR	PAGE NO.	
84	INFLUENCE OF ZINC AND BORON ON GROWTH AND YIELD OF PEA ( <i>PISUM SATIVUM SUBSP. HORTENSE</i> )	Ratan Kumar Pal, A.K. Pal, Anand. K. Singh and Sanjay Kumar	618	621
85	PERFORMANCE EVALUATION OF BIOFORTIFIED SWEET POTATO ( <i>IPOMOEA BATATAS L.</i> ) VARIETIES UNDER EASTERN HIMALAYAN CONDITION	Abhijit Debnath, A.K. Mohanty, Pangeijam Bijaya Devi, R. K. Roshan, Pijush Kanti Biswas, Raman Selvakumar, Amrita Thokchom, Moakum Pongen, Arunima Gogoi, Ch.Birendrajit <sup>0</sup> , Himadri Shekhar Datta	622	628
86	CHRYSANTHEMUM : THE QUEEN OF AUTUMN BLOOMS – AN OVERVIEW	Tejendra Kumar, S.L. Pal, Harsh Saini, Anupam and Madanpal Singh	629	637
87	GROWTH AND YIELD RESPONSE OF TURNIP TO FOLIAR APPLICATION OF VARIOUS LEVEL OF NITROGEN AND ZINC UNDER WESTERN TARAI REGION OF DHAMPUR (BIJNOR) U.P., INDIA	Anupam, S.L. Pal, Tejendra Kumar, Madanpal Singh and Harsh Saini	638	645
88	EFFECT OF NANO DAP ON NUTRIENT CONTENT, UPTAKE AND ECONOMICS OF SAFFLOWER ( <i>CARTHAMUS TINCTORIUS L.</i> )	Bhoomika P.M., Manjunatha N., Ravi S., M.R. Umesh, Shwetha B.N., Parameshnaik C. and Mahammad Riyaz	646	651
89	EXTRACTION, CHARACTERIZATION AND UTILIZATION OF SILVER NANOPARTICLES (AGNPS) FROM THE FRUITS OF <i>SOLANUM XANTHOCARPUM</i> SCHRAD. & WENDL.	Abinesh R. V., Biswajith S. and K. Haripriya	652	658
90	SYNERGISM OF BIOCHAR AND LIME ON CHEMICAL PROPERTIES OF TROPICAL ACID SOILS: A MIXED-EFFECTS MODELLING APPROACH	Omji Nath M.S., Beena V.I., Nayana M.V. and Nithin S.	659	665
91	A STUDY ON CHARACTER ASSOCIATION OF MUNGBEAN LINES FOR MUNGBEAN YELLOW MOSAIC VIRUS (MYMV) RESISTANCE AND SEED YIELD.	Anjali R.Talape, E.R. Vaidya, S.S. Lande, M.N. Ingole, Archana W. Thorat and V.T. Kogade	666	674
92	EVALUATION OF BIO-EFFICACY OF SYNTHETIC, BOTANICAL AND BIO-PESTICIDES AGAINST ROSE MITE, <i>TETRANYCHUS URTICAE</i> KOCH	V. Sridhar, N.S. Nagegowda, S. Onkaranaik and C. Manasa	675	679
93	EFFECTS OF MICROBIAL, BOTANICAL AND SYNTHETIC INSECTICIDES AGAINST BUD BORER, <i>HELI COVERPA ARMIGERA</i> ON MARIGOLD	V. Sridhar, N.S. Nagegowda, S. Onkaranaik and C. Manasa	680	685
94	BIOEFFICACY OF DIFFERENT NEWER INSECTICIDES AGAINST MUSTARD APHID, <i>LIPAPHIS ERYSIMI</i> (KALTENBACH) UNDER SOUTH GUJARAT CONDITIONS	Darji T.R., Patel K.M. and Patel A.T.	686	691
95	FLORISTIC COMPOSITION AND FAMILY-WISE SPECIES RICHNESS OF VIKRAMA SIMHAPURI UNIVERSITY CAMPUS, SPSR NELLORE, ANDHRA PRADESH, INDIA	Uday Sankar Allam	692	704
96	HORMETIC ROLE OF ZINC OXIDE (ZnO) NANOPARTICLES IN IMPROVING <i>IN VITRO</i> GROWTH AND DEVELOPMENT OF CAVENDISH BANANA ( <i>MUSA SP. CV. GRAND NAIN</i> )	Pragya Srivastava, Pradeep Kumar Shukla and Pragati Shukla	705	721
97	EFFECT OF <i>TRICHODERMA</i> SPP. AND NEEM LEAF EXTRACT ON BROWN SPOT OF PADDY ( <i>ORYZA SATIVA</i> ) CAUSED BY <i>HELMINTHOSPORIUM ORYZAE</i> (BREDA DE HAAN)	Aliva Jyoti Mohapatra and Abhilasha A. Lal	722	729
98	EFFECT OF SUPPLEMENTATION OF CHELATED MINERAL MIXTURE ON PRODUCTIVE AND REPRODUCTIVE PERFORMANCE OF DAIRY ANIMALS	Donapati Anusha and S. Sreenivasulu	730	733
99	INTEGRATED WEED AND NUTRIENT MANAGEMENT FOR ENHANCING GROWTH, YIELD, AND WEED DYNAMICS IN BARLEY ( <i>HORDEUM VULGARE L.</i> ): A REVIEW	Nilotpal Das, Meka Shivaram Reddy, Ashok S. Dambale, Akashdeep Singh, Digvijay Singh, Vishal Prajapati, Ankit Saini and Chinmaya Sahoo	734	754
100	EFFECT OF SEED COATING AND PELLETING ON SEED, SEEDLING AND MORPHOLOGICAL CHARACTERS OF SESAMUM ( <i>SESAMUM INDICUM L.</i> )	P.G. Mandod and S.D. Solanki	755	759
101	RESPONSE OF MORINGA LEAVES EXTRACT ON THE GROWTH AND YIELD OF OKRA ( <i>ABELMOSCHUS ESCULENTUS L.</i> )	Pooja Barthwal, Rakesh Kumar and Akash Kumar	760	764
102	BIOCHEMICAL QUALITY ASSESSMENT OF DIFFERENT STRAWBERRY ( <i>FRAGARIA</i> × <i>ANANASSA DUCH.</i> ) CULTIVARS UNDER PROTECTED CULTIVATION	Robin Kumar, Mahital Jamwal, Parshant Bakshi, Stanzin Lakphel, Hansraj Yadav, Kunal Lakhani Pal, Sahil Kumar, Nikhil Thakur, Shalini Devi and Ashima Choudhary	765	773
103	ISOLATION, CHARACTERIZATION AND SCREENING OF <i>RHIZOBIUM</i> SP. FROM ROOT NODULES OF BLACK GRAM ( <i>VIGNA MUNGOL L.</i> )	Anita Bandi, Pampangouda, Mahadevswamy, Swapna and Anand Policepatil	774	783

S. No.	TITLE	AUTHOR	PAGE NO.	
104	DRONE BASED HERBICIDE SPRAY IN TRANSPLANTED RICE USING DIFFERENT NOZZLES IN COMPARISON TO KNAPSACK SPRAYER	Ch. Vijay Sree, P. Spandana Bhatt, K. Bhanu Rekha and T. Ram Prakash	784	788
105	EFFECT OF DIFFERENT SPACING AND TRANSPLANTING DATES ON THE GROWTH AND YIELD OF MID-SEASON CAULIFLOWER ( <i>BRASSICA OLERACEA</i> VAR. <i>BOTRYTIS</i> ) UNDER SUBTROPICAL CONDITIONS OF JAMMU PLAINS OF INDIA	Anmol Thakur, R.K. Samnotra, Satish Kumar, Sheetal Rana and Vishwash Bandhral	789	795
106	APPRAISAL OF WATER QUALITY STATUS OF CHHAPARWADI-II RESERVOIR IN RAJKOT DISTRICT (GUJARAT) THROUGH WEIGHTED ARITHMETIC INDEX APPROACH	Dhiraj Kumar, G.V. Prajapati, Archana Kaushal and Aman Raj	796	809
107	PERFORMANCE OF POST-EMERGENCE HERBICIDES ON GROWTH, YIELD AND PRODUCTION ECONOMICS OF <i>BORO</i> RICE ( <i>ORYZA SATIVA</i> L.)	Munmun Nesha, Dhananjoy Dutta, Manimala Mahato and V.V. S. Jaya Krishna	810	815
108	EFFECT OF PLANT GROWTH RETARDANTS ON MORPHO-PHYSIOLOGICAL, SEED YIELD AND QUALITY PARAMETERS OF <i>KHARIF</i> BLACKGRAM ( <i>VIGNA MUNGO</i> L.)	K. Lavanya, K. Jayalalitha, M. Ravi Babu and N. Harisatyanarayana	816	820
109	<i>FORMULATION AND EVALUATION OF HERBAL GULAL: A NATURAL AND ECO-FRIENDLY ALTERNATIVE TO SYNTHETIC COLORS</i>	Harshita Uikey and Pramod Kumar Mahish	821	825
110	ENHANCING SOIL FERTILITY: INFLUENCE OF INTEGRATED NUTRIENT MANAGEMENT (INM) ON SOIL HEALTH AFTER POTATO HARVEST IN LOAMY SAND SOIL	Praveen Singh, J. R Jat, Khushbu K. Patel, Jinal A. Patel and Sone Lal Ptael	826	830
111	PHYTOCHEMICAL SCREENING AND GC-MS ANALYSIS OF METHANOLIC LEAF EXTRACT OF <i>PLECTRANTHUS AMBOINICUS</i> (LOUR) SPRENG	Saraswathi S. and M. Ayyappan	831	835
112	SOCIO ECONOMIC EMPOWERMENT OF FARMER PRODUCER ORGANIZATIONS IN TAMIL NADU: A STATISTICAL ANALYSIS	Priyanka R., Sundaramari M. and Rajaguru S.	836	840
113	EFFECT OF HEAT STRESS ON SPOT BLOTCH SEVERITY AND ITS IMPACT ON YIELD AND RELATED TRAITS IN WHEAT	Anurag Mishra, Tamilarasi Muruges and Rajeev Kumar	841	848
114	STUDY ON MORPHOLOGICAL DIVERSITY IN JACKFRUIT ( <i>ARTOCARPUS HETEROPHYLLUS</i> LAM.) GERMPLASM FROM DIVERSE AGRO-CLIMATIC REGIONS OF INDIA	Abhijit Debnath, A.K. Mohanty, Pangeijam Bijaya Devi, R. K. Roshan, Manoj Kumar Pandey, Ch.Birendrajit, Moaakum Pongen, Prashant Kalal, Keviletsu Khate, Carolyn Zothansiami <sup>0</sup> , Ashima Suklabaidya and Thingreingam Irenaeus K.S.	849	857
115	ASSESSMENT OF GENETIC VARIATION IN A SUBSET OF 3K PANEL OF DIVERSE RICE ACCESSIONS FOR YIELD AND YIELD RELATED TRAITS	Karthik N., Dushyantha Kumar B. M., Krishnamurthy S. L., Lakshmana D., Hosagoudar G. N., Niranjana Kumara B., Mohan Kumar N. V., Shanthanagouda Admane Holeyappa, Anilkumar Lalasingh Chavan and Sharada H. B.	858	864
116	INFLUENCE OF FOLIAR APPLICATION OF VITAMINS ON GROWTH AND YIELD OF TURMERIC ( <i>CURCUMA LONGA</i> L.)	Ameda Swarnalatha, J. K. Hore, D. K. Ghosh, S. Mondal and Jhuma Datta	865	874
117	FIELD BASED WEAR TESTING OF LOCALLY AVAILABLE ROTAVATOR BLADES IN INDIA	Chelpuri Ramulu, M. Arjun Naik, Saurabh Dubey, Harsha B. R., A. K. Dave and I. Srinivas	875	880
118	CORRELATION STUDY FOR SEEDLING VIGOUR AND YIELD RELATED TRAITS IN SELECTED LAND RACES OF RICE ( <i>ORYZA SATIVA</i> L.)	Kishore Kumar T., Divya Balakrishnan, Kalyani M Barbadikar, Darshini M. Pujar, Kanika , Santosh V. and Pranay G.	881	885
119	SEASONAL FLUCTUATION OF WHITEFLY POPULATIONS AND THEIR CORRELATION WITH METEOROLOGICAL PARAMETERS IN <i>KHARIF</i> CHILLI	Sonawane S.T., Hole U.B. and Aghav S.T.	886	891
120	EFFICACY OF FUNGICIDES AND BIO-CONTROL AGENTS AGAINST <i>EXSEROHILUM MONOCERAS</i> CAUSING LEAF SPOT DISEASE BARNYARD MILLET	M.K. Hadalagi, D.H. Sarnobat, V.S. Shinde, Y.G. Ban, S.D. Shinde and R.S.Bhoge	892	899
121	OPTIMIZING DRIP IRRIGATION AND FERTIGATION REGIMES FOR IMPROVING GROWTH ATTRIBUTES OF PRE-SEASONAL SUGARCANE	Darshan H.P., S.S. Nooli, B.T. Nadagouda, B.N. Aravindakumar, C.R. Patil and Rajakumar G.R.	900	908
122	EVALUATION OF DIFFERENT COWPEAS ( <i>VIGNA UNGUICULATA</i> L. WALP.) GENOTYPES PERFORMANCE UNDER PRAYAGRAJ AGRO-CLIMATIC CONDITIONS	Sandeep Kumar Patel, Deepanshu, Yogesh Kumar, Raj Kumar and Ajeet Kumar	909	913
123	SUSTAINABLE MECHANIZED RICE ESTABLISHMENT	Atish Sagar, K.M. Singh, Rabiya	914	919

S. No.	TITLE	AUTHOR	PAGE NO.	
	SYSTEM IN KOSI REGION OF BIHAR INDIA	Parveen, Govind Kumar and Rashmi Priyadarshi		
124	PACLOBUTRAZOL AND ITS IMPACT ON GROWTH AND PHYSIOLOGY IN VARIOUS CROPS : A REVIEW	Kamrul Nissa, Rajender Sharma, Narender Kumar Bharat, Devender Kumar Mehta and Anubhav Thakur	920	931
125	EFFECT OF SEED COATING WITH POLYMER AND CHEMICALS ON SEED STORABILITY OF MAIZE ( <i>ZEA MAYS</i> L.)	Divya, K. C. Dhiman, Aparna Jyoti, Rajesh Kanwar and R. K. Kapila	932	939
126	BIOHERBICIDE: SUSTAINABLE ALTERNATIVES TO CHEMICAL WEED MANAGEMENT	Bhabani Sankar Rout and Anshuman Raul	940	953
127	EFFECT OF INTEGRATED NUTRIENT MANAGEMENT ON GROWTH, YIELD AND SOIL FERTILITY OF HORSE GRAM ( <i>MACROTYLOMA UNIFLORUM</i> L.) IN ASSAM INDIA	Arunima Gogoi, J.R. Hazarika, A.M. Deka, R. Chakrabarty, N. Deka, H. Kalita, P.K. Bordoloi, Nirranjan Deka, H.K. Borah	954	959
128	SURVIVAL AND VIABILITY OF OVER WINTERING OOSPORES OF <i>PLASMOPARA VITICOLA</i> CAUSING DOWNY MILDEW IN GRAPES IN KASHMIR, INDIA	Sabiha Ashraf, Vaseema Yousuf, Shahina A. Nagoo, Aisha Nabi, Masarat Bashir, Saba Banday, Aroosa Khalil, K.A. Dar, S.A. Wani, H. A. Malik, Nasreen Fatima and Z.I. Buhroo	960	966
129	EXPLORING GENETIC DIVERSITY ANALYSIS OF ADVANCED RICE LINES FOR SELECTION AND GENERATION OF HIGH-YIELDING GENOTYPES USING ENHANCED BREEDING STRATEGIES	K. Madhu Kumar, G. Sreenivas, P. Udayababu, M. Srinivasa Rao and D. Manojkumar	967	978
130	FIELD EVALUATION OF COMBI-FUNGICIDES FOR THE MANAGEMENT OF <i>ALTERNARIA</i> LEAF BLIGHT OF SUNFLOWER	Poornima, Vijaykumar N. Ghante, Vikas V. Kulkarni, Umesh M.R. Shreevani G.N. and Bharati S.	979	985
131	A WIRELESS INSTRUMENTATION SYSTEM FOR REAL-TIME MONITORING OF TRACTOR POWER TAKE-OFF (PTO) SPEED	Chadaram Madhav Kumar, Dibakar Das, Moinuddin S.K. and Sujit Hensh	986	992
132	EFFECT OF BORON AND ZINC FERTILIZATION ON GROWTH, YIELD ATTRIBUTES AND ECONOMICS OF INDIAN MUSTARD ( <i>BRASSICA JUNCEA</i> )	Rahul R. Pisal, Parmar Shilpa M., Payal A. Patel and P. Sowjanya Deepthi	993	997
133	STUDIES ON COCONUT VARIETAL PREFERENCE OF EXOTIC WHITE FLY-RUGOSE SPIRALLING WHITEFLY (RSW), <i>ALEUROIDICUS RUGIOPERCULATUS</i> MARTIN ON COCONUT	Mohitha Reddy J., Chalapathi Rao N.B.V., Viji C.P., Anoosha V., Narasimha Rao S. and V. Govardhan Rao	998	1002
134	EFFECT OF BUNCH THINNING, GROWTH REGULATORS AND MICRONUTRIENTS ON GROWTH AND PHYSIOLOGICAL ASPECTS OF GRAPES CV. MANIK CHAMAN	Sangeeta Lakshmeshwara, S. N. Patil, Anand G. Nanjappanavar, I. B. Biradar, S. G. Gollagi, Manjunath Hubballi and Sateesh Vasudev Pattepur	1003	1010
135	INFLUENCE OF FOLIAR APPLICATION OF ORGANIC GROWTH PROMOTERS ON GROWTH AND YIELD OF GRAPE CV. THOMPSON SEEDLESS	Guguloth Bindulatha , Sateesh V. Pattepur, Anand G. Nanjappanavar, Sanjeevraddi G. Reddi, M. D. Jameel Jhalegar, Ganeshgouda I. Patil, Basavaraj Padashetti and Viresh M. Hiremath	1011	1018
136	<i>EVALUATION OF SOIL-SITE SUITABILITY FOR MAJOR HORTICULTURE CROPS IN THE HOLIHOSUR SUB-WATERSHED, KARNATAKA, INDIA, THROUGH REMOTE SENSING AND GIS</i>	Mounika Vemula, V.B. Kuligod, S.S. Gundulur, Manjunatha M.V., Raja Kumar G.R. and Milind P. Podtar	1019	1029
137	GENETIC VARIABILITY AND CORRELATION STUDY AMONG ADVANCED BREEDING LINES OF GROUNDNUT ( <i>ARACHIS HYPOGAEA</i> L.)	Shivaraj K., Harish Babu B.N., Lakshmana D., Ganapathi M., Dhananjaya B.C., Bhoomika V.S. and Shreya S.N.	1030	1037
138	ESTIMATION OF REFERENCE EVAPOTRANSPIRATION USING EMPIRICAL METHODS AND CROPWAT 8.0 MODEL FOR THE SANGLI DISTRICT MAHARASHTRA INDIA	Mrunal P. Sawant, Komal G. Rokade and Prasanna B. Khaire	1038	1046
139	EVALUATING THE SYNERGY BETWEEN GROUNDNUT GENOTYPES AND NANO UREA FOR OPTIMIZED AGRONOMIC OUTCOMES	Sushil Kumar, Amarjeet, Danveer Singh, Rohtas Kumar, Parveen Kumar, Pawan Kumar and Rahul	1047	1054
140	SCREENING OF DIFFERENT GENOTYPES AGAINST BLAST DISEASES AND YIELD OF FINGER MILLET ( <i>ELEUSINE CORACANA</i> L.)	Shourya Jha, Arun Kumar, M.K. Barnwal, Manigopa Chakraborty, C.S. Mahato and Shivam Mishra	1055	1058
141	EFFECT OF DIFFERENT LEVELS OF NUTRIENTS UNDER DRIP FERTIGATION FOR ENHANCING PRODUCTIVITY AND PROFITABILITY IN GOBHI SARSON ( <i>BRASSICA NAPUS</i> )	Satyendra Kumar Gupta, Sanjay Dwivedi, Neeta Mishra, Naveen Markam, Satyendra Patley, and O.P. Rajwade	1059	1064
142	GENETIC DIVERSITY FOR FALL ARMYWORM ( <i>SPODOPTERA FRUGIPERDA</i> ) RESISTANCE AND PRODUCTIVITY TRAITS IN SORGHUM ( <i>SORGHUM</i> )	Ranjitha Marigoudar , N.G. Hanamaratti, Jagdish Jaba, B.R. Patil, B.D. Biradar and Basavaraj Bagewadi	1065	1072

S. No.	TITLE	AUTHOR	PAGE NO.	
	<i>BICOLOR</i> L. MOENCH) GERMPLOSM			
143	TRAIT INTERRELATIONSHIPS GOVERNING GROWTH, YIELD, AND QUALITY IN SWEET POTATO ( <i>IPOMOEA BATATAS</i> (L.) LAM.) GENOTYPES	Prashanth Hullannavar, Imamsaheb S. J., Dadapeer Peerajade, Gopali J. B. and Arunkumar Bhavidoddi	1073	1078
144	EFFECT OF VARIOUS NUTRIENT MANAGEMENT PRACTICES ON SOYBEAN BASED CROPPING SYSTEM UNDER CHHATTISGARH PLAIN OF INDIA	Amar Nath, Sunil Agarwal and David Tandan	1079	1085
145	ORGANIC MULCHING STRATEGIES FOR ENHANCING GROWTH, YIELD, AND SOIL NUTRIENT STATUS IN STRAWBERRY ( <i>FRAGARIA</i> × <i>ANANASSA</i> ) CV. CHANDLER UNDER MANIPUR CONDITION	Nidarshana Baruah, Ng. Piloo, S. Romen Singh, Ps. Mariam Anal, Sunil Yadav and Ichantombi Chingkhaimayum	1086	1091
146	STUDIES ON APPLICATION OF NANO DAP, BIOFERTILIZERS AND HUMIC ACID ON GROWTH AND YIELD OF BEETROOT ( <i>BETA VULGARIS</i> L.)	Shireesha M., Ashok Hugar, Pampanna Y., Hemalatha K. J. and Vishwanatha S.	1092	1095
147	EFFECT OF RICE RESIDUE MANAGEMENT OPTIONS ON SOIL PROPERTIES AND WHEAT YIELD UNDER RICE-WHEAT CROPPING SYSTEM: A REVIEW	Kavita Tanwar, Kavinder Tanwar, Dev Raj and Pooja Jangra	1096	1110
148	INTEGRATED EFFECTS OF FERTILIZERS IN COMBINATION WITH RHIZOBIUM AND MICRONUTRIENTS (ZN AND B) ON THE GROWTH, PRODUCTIVITY, AND ECONOMICS OF CHICKPEA	Jayesh Sharma, Durgesh K. Patidar, Prashant Shrivastava and Shirish Patidar	1111	1114
149	HERBICIDAL MANAGEMENT OF WEEDS IN IRRIGATED GREEN GRAM ( <i>VIGNA RADIATA</i> L. WILCZEK)	Anitta Fanish S., Sivakumar C. and Parasuraman S.	1115	1124
150	IMPROVING SEED QUALITY EVALUATION USING ARTIFICIAL INTELLIGENCE: DEVELOPMENTS AND USES IN CONTEMPORARY AGRICULTURE	Arpitha Karadi, Sujatha Patta, Rao Polneni Jagan Mohan, Marco Brini, Vangala Navya, John William Carey Medithe and Mandapelli Sharath Chandra	1125	1135
151	DETERMINANTS OF FARMERS' PURCHASE DECISION AND ASSOCIATED CONSTRAINTS IN THE ACQUISITION OF BIOSTIMULANTS IN CHURU DISTRICT OF RAJASTHAN INDIA	Suraj Singh and Choudhary Kuldeep	1136	1140
152	FINGER MILLET (RAGI): PROSPECTS IN SUSTAINABLE DEVELOPMENT AS A NUTRIENT-RICH ESSENTIAL	Tanmay Das, Anusmita Saha, Santanu Kundu, S. Vijay Kumar, Pooja Erapuram, Jitendra Majji, Vishwajeet Ramesh Avhale, Bhambere Hrushikesh Dipak, Dhanshri Manishrao Joshi, G S Madhu Bindu and Sudhanshu Kasbe Sudhakar and Rajiv Kumar Singh	1141	1153
153	ROLE OF <i>GN1A</i> GENE IN RICE YIELD IMPROVEMENT: A REVIEW	Kadthala Bhargava, Dachani Sruthi, Pathuri Sadhana, D. Shivani and Gugulothu Prasanna	1154	1161
154	COMPARATIVE STUDY OF DIALLEL, PARTIAL DIALLEL AND LINE X TESTER MATING DESIGNS FOR YIELD AND QUALITY TRAITS IN FIELD PEA ( <i>PISUM SATIVUM</i> L.)	Sumit, Ravika, Amit and Rajesh Yadav	1162	1169
155	MORPHOLOGICAL VARIATIONS AMONG MANGROVE PLANTS FROM VISAKHAPATNAM COAST OF ANDHRA PRADESH INDIA	Ilham Bano, Tatiparthi Srinivas, Tellabati Anusha and Paradesi Anjaneyulu	1170	1184
156	AGRONOMIC BIO-FORTIFICATION OF ZINC IN GRAIN SORGHUM ( <i>SORGHUM BICOLOR</i> L. MOENCH)	Sudeep, Krishnamurthy D., Ramesha Y.M., Ajayakumar M.Y., Ashok Kumar Gaddi and Sadanand Bheemaray Pujari	1185	1190
157	STUDIES ON EFFECT OF PRIMING ON SPROUTING AND QUALITY OF RHIZOMES IN TURMERIC ( <i>CURCUMA LONGA</i> L.)	Mahammad Javid M., Vijay Kumar Kurnalliker, N.M. Shakuntala, Gnyandev B. and Ningdalli Mallikarjun	1191	1195
158	EVALUATION OF SULPHUR SOURCES ON YIELD, HARVEST INDEX, AGRONOMIC EFFICIENCY, AND POST-HARVEST SOIL PROPERTIES OF GROUNDNUT UNDER ODISHA CONDITIONS	Sabek Kumar Hantal, Meenakhi Prusty, Sushanta Kumar Pattanayak, Monika Ray and Krishnamayee Sethi	1196	1201
159	EVALUATION OF BLACK PEPPER ( <i>PIPER NIGRUM</i> L.) GENOTYPES FOR GROWTH YIELD AND QUALITY TRAITS	Sri Harsha H.R., Sadashiv Nadukeri, Bhoomika. H.R., Shashikala S. Kolakar and Krishna Reddy P.	1202	1210
160	INFLUENCE OF PLANT SPACING AND NUTRIENT MANAGEMENT ON GROWTH, YIELD AND POST-HARVEST QUALITY OF BROCCOLI ( <i>BRASSICA OLERACEA</i> VAR. <i>ITALICA</i> )	Soundarya H.L., Srinivasappa K.N., G.G. Kadalli, Hanumantharaya B.G. and Mohan Kumar T.L.	1211	1216
161	SPATIAL DISTRIBUTION AND NUTRIENT DYNAMICS OF SOILS IN THE CHIKKATHANGALI MICRO-WATERSHED USING GEOSTATISTICAL TECHNIQUES	Sushma N., Ganapathi, Ravikumar D., Sarvajna B. Salimath, Sridhar R. and Rajashekar D. Barker	1217	1231
162	GENOME-WIDE ASSOCIATION STUDIES (GWAS) IN FRUIT CROPS: DISSECTING COMPLEX TRAITS AND ENHANCING PRECISION BREEDING	Shiv Kumar Ahirwar, Avanti Saini, Cheerla Pavan, Harshit Jangid and	1232	1238

S. No.	TITLE	AUTHOR	PAGE NO.	
		Ratnapriya Tiwari		
163	SALICYLIC ACID DRIVEN DEFENCE: ENHANCING RICE RESISTANCE TO BACTERIAL BLIGHT	Bal Hans, Parinda Barua, Neha Kumari Pandey, Dibyasree Dutta, Munmi Phukon, Rajasree Chetia and Palash Deb Nath and Sanjay Kumar Chetia	1239	1247
164	MAPPING STAKEHOLDER PERCEPTIONS OF THEIR ROLE IN CONDUCTING MARKET LED EXTENSION ACTIVITIES IN TELANGANA STATE INDIA	T.V. Kumar, M. Sreenivasulu, V. Sudha Rani, G.E. Ch. Vidyasagar, and D. Srinivasa Chary	1248	1257
165	MARKETING EFFICIENCY AND VALUE ADDITION ANALYSIS OF APPLE (VARIETY-GALA) IN SHIMLA DISTRICT OF HIMACHAL PRADESH, INDIA	Richa Rana, Shiva Pujan Singh, Vaisnavi Thaksen Abhang, Ambika J. Sudambi, Sahil Waseem and Anshuman Gouda	1258	1263
166	PATTERN OF DISTRIBUTION OF SHORT-TERM AND MEDIUM-TERM CROP LOANS BY PUNE DISTRICT CENTRAL COOPERATIVE BANK DCCB OF MAHARASHTRA (INDIA)	Vaishnavi Thaksen Abhang, Shiva Pujan Singh, Richa Rana, Devesh Kr Pant, R. Kiran and Yadav Avinash Ashok Rao	1264	1268
167	ASSESSMENT OF GENETIC DIVERSITY IN PROMISING FINGER MILLET ( <i>ELEUSINE CORACANA</i> (L.) GAERTN.) GENOTYPES	Adarsh Ranjan, Sardar Sunil Singh, Birender Singh, Priyanka Kumari, Brajesh Kumar, Tushar Ranjan, Awdhesh Kumar and Ashutosh Kumar	1269	1274
168	EVALUATING TRAIT ASSOCIATIONS AND CAUSAL RELATIONSHIPS IN BREAD WHEAT ( <i>TRITICUM AESTIVUM</i> L.) FOR BREEDING SUCCESS	Chaudhari, Jigarkumar M., Chaudhari, D. R., Treio Dkhar, Achal B. Jagzape, Kaminee Singh, Priyanka R. Deshpande, Priyank A. Sonagara, Sandeep Kumar and T.A. Parsaniya	1275	1281
169	INFLUENCE OF TILLAGE PRACTICES ON CHEMICAL PROPERTIES OF SOIL AND ON UPTAKE AND DRY MATTER PRODUCTION BY PULSE CROPS GROWN IN RICE FALLOWS	Sk. Afzal, M. Madhu, A.V. Ramanjaneyulu and Ch. Ramulu	1282	1286
170	MEASURING FARMERS KNOWLEDGE ON CROP DIVERSIFICATION: A STANDARDIZED APPROACH	Saddikuti Prashanthi, T. Lakshmi, G.D.S. Kumar, S. Hyma Jyothi and Y. Reddi Ramu	1287	1294
171	GROWTH AND YIELD OF BROCCOLI ( <i>BRASSICA OLERACEA</i> L. VAR. <i>ITALICA PLENCK</i> ) AS INFLUENCED BY SOIL APPLICATION OF MICRONUTRIENTS UNDER OPEN CONDITION	M. Madhura, Shashidhar T.R., S.M. Hiremath and Prasanna Kumar B.H.	1295	1301
172	GENETIC VARIABILITY, CORRELATION, PATH ANALYSIS AND GENETIC DIVERSITY STUDIES IN PIGEON PEA ( <i>CAJANUS CAJAN</i> L. MILLSP.)	Tandel M.Y., Patil S.S., Kalaria R.K., Dodiya J.I. and Patel R.A.	1302	1309
173	DIVERSITY, FORAGING BEHAVIOR AND TEMPORAL ACTIVITY OF POLLINATORS AND FLORAL VISITORS ON DRAGON FRUIT ( <i>HYLOCEREUS UNDATUS</i> AND <i>H. POLYRHIZUS</i> )	S.G. Biradar, S.B. Kharbade, S.T. Aghav, U.K. Kadam, J.K. Dhemre, B.M. Bhalerao and M.R. Patil	1310	1315
174	PREVAILING AGRICULTURAL WASTE MANAGEMENT PRACTICES AMONG FARMERS IN EASTERN UTTAR PRADESH INDIA	Ishita Mishra and V.L.V. Kameswari	1316	1324
175	ASSESSMENT OF PRUNING COMBINED WITH CHEMICAL DEFOLIATION FOR IMPROVED FLOWER PRODUCTION IN <i>JASMINUM SAMBAC</i>	Ayesha Syed, K. Swarajalakshmi, M. Raja Naik, V.V. Padmaja and Akshya A.	1325	1329
176	PHENOTYPIC SCREENING AND TRAIT CHARACTERIZATION FOR ANAEROBIC GERMINATION TOLERANCE IN RICE ( <i>ORYZA SATIVA</i> L.) TO IDENTIFY NOVEL DONORS FOR DIRECT SEEDED CULTIVATION IN RAINFED LOWLANDS	Bokka Kiranmayee, Anantha M.S., C. Gireesh, Prabha Rani Chaudhary, S.L. Krishnamurthy, P. Senguttuvel, S.V. Saiprasad, Shruti, Rohit M.V.S.K, Eshwar, Akshay and R.M. Sundaram	1330	1335
177	REINFORCING PLANT IMMUNITY: FIELD EVALUATION OF BIOTIC INDUCERS AGAINST YELLOW MOSAIC VIRUS DISEASE IN POLE BEANS	Annapurneshwari S. Shrigan, Manjunath B., Sudarshan G. K., Mallikarjuna Gowda, A.P., Keshavareddy G. and Sowmya K. J.	1336	1342
178	EVALUATION OF GENOMIC DNA EXTRACTION PROTOCOLS IN VANDACEOUS ORCHIDS: A COMPARATIVE APPROACH	S. Bharathamithran and R. Preetha	1343	1354
179	GENETIC VARIABILITY STUDIES FOR YIELD AND ITS ATTRIBUTING TRAITS UNDER HEAT STRESS CONDITIONS IN CHICKPEA ( <i>CICER ARIETINUM</i> L.)	Pankti R. Patel, Bineetkaur S. Singh, D. A. Chauhan, A. Harshika Sri, Vaishali Dangar and Dhruvi P. Kotadiya	1355	1364
180	INFLUENCE OF DIFFERENT SOURCES OF SULPHUR ON PRODUCTIVITY OF SUMMER SESAME ( <i>SESAMUM INDICUM</i> L.)	E. Druva Teja, P. Rohit Gowtham, M. Vikram Sai, M. Sri Sai Charan Sathya and K. Avil Kumar	1364	1370
181	PERFORMANCE OF RABI MAIZE UNDER DIFFERENT GREEN MANURING PRACTICES AND NITROGEN LEVELS	P. Abhinaya, B. Prashanthi, B. Bhavana, M. Sri Sai Charan Sathya and K. Avil Kumar	1371	1376

S. No.	TITLE	AUTHOR	PAGE NO.	
182	INFLUENCE OF INTEGRATED NUTRIENT MANAGEMENT ON GROWTH PARAMETERS OF CAULIFLOWER ( <i>BRASSICA OLERACEA</i> VAR. <i>BOTRYTIS</i> L.)	Surya Pratap Patel, Awanish Kumar, Ashish Kumar Tiwari, Satyavir Singh, Shyam Kirar, Jay Narayan Tiwari, Santosh Pandey and Sankalp Singh	1377	1383
183	DECODING PLANT VASCULAR SAP RESPONSES TO APHID FEEDING: A REVIEW	Ranjithkumar V., Anushruti Chowdhury, Ajithkumar V., Gayathri G. and Hossain Ali Mondal	1384	1393
184	EFFECT OF SODIUM NITROPRUSSIDE ON PLANT GROWTH AND SEED YIELD ATTRIBUTES PARAMETERS IN CALIFORNIA POPPY	Pankaj Kumar Meena, Anjana Sisodia and Vishnu Kumar Sharma	1394	1398
185	EFFECT OF SALINE AND SODIC WATER IRRIGATION ON NUTRIENT COMPOSITION OF <i>TALINUM FRUTICOSUM</i> (L.) JUSS	P. Dayanalakshmi, K. Manikandan, D. Leninraja, M. Joseph and A. Kavitha Pushpam	1399	1406
186	GENETIC VARIABILITY, CORRELATION AND PATH ANALYSIS IN SOYBEAN: UNRAVELLING THE CONTRIBUTION OF YIELD COMPONENTS TO CROP PERFORMANCE	Kumari Alka, Nutan Verma, Supriya Supal Surin, Manigopa Chakraborty, Shivam Mishra, Sumit Kumar Mishra <sup>1</sup> and Aakanksha Modi	1407	1412
187	INNOVATIVE STRATEGIES FOR MANAGING PHYTOPLASMA-ASSOCIATED PLANT DISEASES USING ANTIBIOTICS AND ALTERNATIVE ANTIMICROBIAL AGENTS	Shoeb Ahmad, Shazia Bi, and Akil A. Khan	1413	1421
188	INFLUENCE OF DIFFERENT MEDIA AND NUTRIENT SOURCES ON THE GROWTH DYNAMICS OF <i>ALTERNARIA SOLANI</i> ASSOCIATED WITH TOMATO EARLY BLIGHT	Elanselvi A., Mahalakshmi P., Subhashree Subhalaxmi, Suchismita Singh, Swagatika Babu, Shaik Asif Basha, Penkey Yeliya, Piyush Parihar, Akash Yadav, Piyush Kumar and Md. Minnatullah	1422	1426
189	TABLE SUGAR AS A COST-EFFECTIVE ALTERNATIVE TO SUCROSE FOR <i>IN VITRO</i> POTATO MICROTUBER PRODUCTION	Budensha B., Kavita Kandpal, B.G. Hanumantharaya, Shruthi K. and Priya R.U.	1427	1432
190	A COMPREHENSIVE REVIEW OF CONTAINER ROSE GARDENING: A MODERN APPROACH FOR MAXIMIZING SPACE AND BEAUTY	Dhruvkumar C. Savaliya, M.A. Patel, Vishnubhai G. Prajapati and Anup Gadekar	1433	1439
191	PERFORMANCE OF MAIZE HYBRIDS UNDER CHANGING ENVIRONMENTAL CONDITIONS	Sumitha Mog, S.M. Sawdhkar, Avinash Gawate and A.P. Karunakar	1440	1446
192	MORPHOMETRICS STUDY OF BANANA PSEUDOSTEM WEEVIL, <i>ODOIPORUS LONGICOLLIS</i>	Priyanka Kumari, Shyam Babu Sah, Kiran Kumari, Navin Kumar and R.N. Gupta and R. B. Verma	1447	1452
193	WEED DYNAMICS, NUTRIENT DEPLETION AND QUALITY OF CLUSTERBEAN ( <i>CYAMOPSIS TETRAGONOLOBA</i> L. TAUB) AS INFLUENCED BY WEED MANAGEMENT AND FERTILITY LEVELS	Priyanka Kumawat, M.K. Kaushik and Pankaj Kumar	1453	1461
194	EFFECT OF ZINC AND SULPHUR FERTILIZATION ON YIELD, BIOMASS, AND ECONOMIC RETURNS OF INDIAN MUSTARD ( <i>BRASSICA JUNCEA</i> L.) UNDER DOON VALLEY CONDITIONS	Dhannapriya Rajkumari, Anand Kumar Jain, Nihal Ojha, Pardeep Kumar, Sudhir Kumar Singh and Gopal Swaroop Pathak	1462	1466
195	TRANSGRESSIVE SEGREGANTS FOR POD YIELD, YIELD ATTRIBUTES AND CONFECTIONERY TRAITS IN F <sub>2</sub> POPULATIONS OF 4 SELECTED CROSSES IN GROUNDNUT ( <i>ARACHIS HYPOGAEA</i> L.)	R.S. Archana, M. Reddi Sekhar, R.P. Vasanthi, D. Lokanadha Reddy and K.V. Naga Madhuri	1467	1472
196	EFFECT OF IRRIGATION REGIMES AND FERTILITY LEVELS ON GROWTH AND YIELD OF WHEAT ( <i>TRITICUM AESTIVUM</i> L.) CULTIVARS IN LOAMY SAND	Priti P. Gelot, P.P. Chaudhari, J.R. Jat and L.J. Desai	1473	1476
197	NATURAL SOURCES OF DRUG DISCOVERY FROM ALGAE AND FUNGI: A REVIEW	Priyanka Sharma, Rajni Chaudhary, Jainender Bhati and Dinesh Kumar	1477	1486
198	DISEASE SCREENING IN LINSEED ( <i>LINUM USITATISSIMUM</i> L.) GENOTYPES FOR RESISTANCE TO WILT AND POWDERY MILDEW	Jaishri, Nandan Mehta and S.S. Rao	1487	1490
199	EVALUATION OF COTTON GENOTYPES AGAINST THRIPS, <i>THRIPS TABACI</i> (LINDEMANN) FOR HOST PLANT RESISTANCE	Jayasree M., N.K. Bhute, B.V. Deore, Y.S. Saindane and R.R. Jadhav	1491	1499
200	STABILITY ANALYSIS IN SNAPMELON ( <i>CUCUMIS MELO</i> VAR. <i>MOMORDICA</i> ) GENOTYPES USING EBERHART RUSSEL MODEL FOR GROWTH, FLOWERING AND EARLINESS PARAMETERS	Praveen A. Rajoli, H.P. Hadimani, Namita Raut, Shantappa Tirakannavar and Sandhyarani Nishani	1500	1504
201	NUTRIENT UPTAKE AND ECONOMICS OF RICE BEAN ( <i>VIGNA UMBELLATA</i> L.) AS INFLUENCED BY FOLIAR SPRAY OF NANO DAP	Shivprasad R Nippani, Siddaram, Ningappa, Umesh, M. R. Bellakki, M. A., Sowmya, H.C. and Hasan Khan	1505	1509
202	GENETIC VARIABILITY AND ASSOCIATION STUDIES FOR POD YIELD AND KERNEL TRAITS IN M3	Ambika, H. C. Sowmya, Hasan Khan, G.	1510	1515

S. No.	TITLE	AUTHOR	PAGE NO.	
	GENERATION OF GROUNDNUT ( <i>ARACHIS HYPOGAEA</i> L.)	C. Shekar, S. B. Bellad, Siddaram and H. C. Latha		
203	STUDY ON GENETIC VARIABILITY FOR MORPHOPHYSIOLOGICAL AND IMPORTANT YIELD ATTRIBUTING PARAMETERS IN GROUNDNUT ( <i>ARACHIS HYPOGAEA</i> L.) GENOTYPES	Aishwarya Jerkal, H. C. Sowmya, Hasan Khan, G. C. Shekar, Sheela B. Patil, Siddaram, T.C. Suma and H. C. Latha	1516	1520
204	ASSESSMENT OF PHOTOSYNTHETIC INDICATORS AS INFLUENCED BY CANOPY MEDIATED FOLIAR SPRAY OF NANO DAP IN RICE BEAN ( <i>VIGNA UMBELLATA</i> L.)	Shivprasad R. Nippani, Siddaram, Ningappa, Umesh, M. R., M. A. Bellakki, Sowmya H.C. and Hasan Khan	1521	1524
205	ASSESSMENT OF GENETIC DIVERGENCE AMONG GENOTYPES USING MULTIVARIATE ANALYSIS IN TOMATO ( <i>SOLANUM LYCOPERSICUM</i> L.)	D. Ram Babu, Pavani Narigapalli, Zakir Hussain, Praveen Kumar Singh, Suman Lata, Alka Joshi, Navinder Saini, Ram Vilas and Gouthami	1525	1531
206	IMPLEMENTATION FEASIBILITY AND SUPPORT MECHANISMS FOR SCALING CLIMATE SMART AGRICULTURE INTERVENTIONS ACROSS DIFFERENT AGRO-ECOLOGICAL REGIONS IN INDIA	B. Malathi, B. Devojee, T. R. Sahoo, A. R. Reddy, J. V. Prasad and Shaik N. Meera	1532	1539
207	CAGE CULTURE AS AN EMERGING ECONOMIC VENTURE IN THE BLUE AGRIBUSINESS LANDSCAPE : A REVIEW	Rajput Y.V., Chaudhari V.P., Mahera A.B., Vashi H.G. and Chaudhari B.D.	1540	1547
208	GENETIC STUDIES IN RICE ( <i>ORYZA SATIVA</i> L.) GENOTYPES UNDER DIRECT SEEDED CONDITIONS	Nidhi Kumari, Ekhlaque Ahmad, Shashi Kiran Tirkey, M.K. Barnwal, Shivam Mishra, Nitu Kumari and Manigopa Chakraborty	1548	1556
209	MICROSATELLITE MARKERS BASED GENETIC DIVERSITY ASSESSMENT OF INDICA RICE ( <i>ORYZA SATIVA</i> L.) GERMPLASM OF THE TUNGABHADRA COMMAND AREA OF KARNATAKA INDIA	Raghavendra N.R., Mohammed Ibrahim, Shailaja Hittalamani and Lokesha R.	1557	1565
210	ASSESSMENT OF GENETIC VARIABILITY AMONG FINGER MILLET GENOTYPES FOR BLAST DISEASE TOLERANCE UNDER BASTAR PLATEAU CONDITIONS OF CHHATTISGARH INDIA	Prahlad Singh Netam, Prafull Kumar, and Narendra Kumar Nag	1566	1570
211	EVALUATION OF BIO-EFFICACY AND PHYTOTOXICITY STUDIES OF BIO-STIMULANT ON GROWTH, DEVELOPMENT AND YIELD OF TOMATO ( <i>LYCOPERSICON ESCULENTUM</i> L.)	K. Sanjeevkumar, P. Balabaskar, S. Kumar, T. Deepika and A. Anbu	1571	1575
212	HYDROPONICS AND SOILLESS CULTIVATION IN HORTICULTURAL CROPS: CURRENT TRENDS AND FUTURE PERSPECTIVES	Sukpal, Rajneesh Singh, Yogendra Pratap Singh, Lalramchhana, Kokab Askari, Ramesh Chand, Ravi Pratap Singh and Devi Singh	1576	1586
213	IMPACT ASSESSMENT OF THE COMPETITION ON WEED DYNAMICS, PLANT GROWTH, AND YIELD AND DETERMINATION OF CRITICAL PERIOD OF CROP-WEED COMPETITION IN GREEN GRAM ( <i>VIGNA RADIATA</i> L.)	Mukta Karnavat, Veeresh Hatti, Pradhan P. C., Vikash Kumar, G. K. Chaudhary, Anuj Kumar Singh and Jinal Prajapati	1587	1595
214	CHARACTER ASSOCIATIONS AND PRINCIPAL COMPONENT ANALYSIS FOR SEED YIELD AND COMPONENT TRAITS IN SOYBEAN ( <i>GLYCINE MAX</i> L. MERRILL)	Jayaluxmi Devi Khumukcham, K. Tandekar and S. K. Nag	1596	1604
215	OPTIMIZING SOYBEAN PRODUCTIVITY IN RAINFED AGRICULTURE: SYNERGISTIC EFFECTS OF PUSA HYDROGEL AND FOLIAR NUTRIENT SPRAYS IN WATER-STRESSED ENVIRONMENTS	Shabir Ahmad Bhat, Fayaz Ahmed Bahar, Majeed Ul Hassan Chesti, Waseem Raja, Tahir Ahmad Sheikh, Sameera Qayoom, Bisma Jan, Bisma Nazir, Marifa Gulzar and Nadeem Khawaja	1605	1612
216	INFLUENCE OF BIOSTIMULANTS ON PHENOLOGICAL DEVELOPMENT OF SOYBEAN UNDER <i>MACROPHOMINA PHASEOLINA</i> STRESS	Parikha Prakash Singh, Gyanendra Tiwari, R. Shiv Ramakrishnan, Pawan Kumar Amrate, Anubha Upadhyay and Abhishek Sharma	1613	1619
217	INFLUENCE OF FOLIAR APPLICATION OF MACRO- AND MICRONUTRIENTS ON GROWTH, YIELD AND QUALITY OF ONION ( <i>ALLIUM CEPA</i> L.) CV. "AGRIFOUND LIGHT RED"	Vipin Kumar, R.B. Ram, Udayabhan Nishad, Shyam Kumar and Braj Kishor	1620	1623
218	CHARACTER ASSOCIATION AND PATH ANALYSIS FOR YIELD AND YIELD COMPONENTS IN MAIZE ( <i>ZEA MAYS</i> L.)	T. Laxmi Sravya, G. Seshu, Yella Goud and Nagesh Kumar	1624	1629
219	RESPONSE OF COWPEA YIELD COMPONENTS AND SOIL CHEMICAL PROPERTIES TO BORON AND MOLYBDENUM APPLICATION	Rahul Kumawat, Satyavir Singh, Awanish Kumar, Ashish Kumar Tiwari, Jay Narayan Tiwari, Sankar Lal Yadav, Manish Yadav and Rahul Rabiya	1630	1634
220	ENHANCING POTASSIUM USE EFFICIENCY IN RABI SWEET CORN ( <i>ZEA MAYS</i> L. VAR. SACCHARATA)	Ch. Siva Naga Raju, Sudhanshu S. Kasbe, K. Suresh and G. Kiran Reddy	1635	1640

S. No.	TITLE	AUTHOR	PAGE NO.	
	THROUGH KSB INOCULATION AND BSF FRASS AMENDMENT			
221	WEED CONTROL EFFICIENCY PRODUCTIVITY AND ECONOMICS OF CHICKPEA INFLUENCED BY PLANTING GEOMETRY UNDER NEW ALLUVIAL ZONE OF WEST BENGAL INDIA	Gagan Mudi, Anita Hansda, Md. Hedayatullah, Uday Layek, Narendra Nath Hansda	1641	1647
222	EFFECT OF TEMPERATURE, SOIL MOISTURE AND SOIL PH ON THE INCIDENCE OF DRY ROOT ROT ( <i>MACROPHOMINA PHASEOLINA</i> (TASSI) GOID.) IN CONTRASTING GENOTYPES OF CHICKPEA ( <i>CICER ARIETINUM</i> L.)	V.B. Thange, S.B. Latake and P.L. Kulwal	1648	1654
223	ECO-FRIENDLY STRATEGIES FOR THE MANAGEMENT OF CERCOSPORA LEAF SPOT IN GROUNDNUT ( <i>ARACHIS HYPOGAEA</i> L.)	Brijesh Kumar Patel, Sharanabasav Huded, Kavita Kushwaha, Dhiraj Kumar, Bhagya Shree, Shubham Singh, Atul Suresh Bawane and Sunil Zacharia	1655	1660
224	NUTRITIONAL COMPOSITION OF DEANNA FIG VARIETY: A COMPARATIVE STUDY WITH SELECTED INTERNATIONAL FIG CULTIVARS	N. Chaithanya Deepthi, D.V. Swami, Naveen Kumar Mahanti and B. Babu Rao	1661	1672
225	NUTRI CEREALS: SCOPE AND NUTRITIONAL SECURITY IN DEVELOPING COUNTRIES	Mohod Aishwarya Anilrao, Chaithra Chandrappa, Jamode Gauri Raju and P.N. Chirde	1673	1681
226	INFLUENCE OF ESSENTIAL OILS AND <i>TRICHODERMA VIRIDE</i> ON VEGETATIVE GROWTH PARAMETERS OF PUMPKIN ( <i>CUCURBITA MOSCHATA</i> DUCH.)	Ananya Singh, Yash Kumar Singh, Mokkala siva Prasad, Anjum Fakirmahmad Shaikh and Abhilasha A. Lal	1682	1687
227	EFFECT OF ORGANIC AMENDMENTS ON POSTHARVEST QUALITY AND SHELF LIFE OF GINGER ( <i>ZINGIBER OFFICINALE</i> ROSC.)	Konathachira Sreeja, M. Belagumpi, D. K. Ghosh(LKN), N. Chattopadhyay and A. Bandyopadhyay	1688	1692
228	SOCIAL CONSTRAINT FACTORS AFFECTING ENTREPRENEURSHIP AMONG RICE FARMERS IN KUTTANAD KERALA INDIA	Kesavanath Sreekumar K., Esakkimuthu M., Harihara Tripathy, Soumya Ranjan Behera and Chandru Sekar	1693	1698
229	CLIMATE CHANGE, LAND DEGRADATION, AND SOIL HEALTH IN TELANGANA: SHIFTING TRENDS AND ADAPTATION OVER TWO DECADES	K. Prabhavathi, M. Sampath Reddy and Mangal Deep Tuti	1699	1708
230	POPULATION DYNAMICS OF MAJOR SUCKING INSECT PESTS INFESTING CUMIN AND ITS CORRELATION WITH WEATHER PARAMETERS	Ramki B. and Kalasariya R.L.	1709	1712
231	DISTRIBUTION, VIRULENCE AND CHARACTERIZATION OF ENTOMOPATHOGENIC NEMATODES FROM VEGETABLE-GROWING REGIONS OF TELANGANA INDIA	Kavya Earla, D. Anitha Kumari, P. Rajanikanth and K. Sankari Meena	1713	1722
232	EFFECT OF GRADED LEVELS OF NICKEL AND ZINC ON SOIL PROPERTIES, METAL BIOAVAILABILITY, BIOMASS PRODUCTION AND HEAVY METAL UPTAKE IN MARIGOLD ( <i>TAGETES ERECTA</i> L.)	Athira N., Prativa Anand, M. C. Singh, Debasis Golui, Prasenjit Ray, Mahesh Kumar and Sandeep Lal	1723	1728
233	COMPARATIVE EVALUATION OF DIFFERENT DAHLIA CULTIVARS ( <i>DAHLIA VARIABILIS</i> L.) FOR GROWTH, FLOWERING AND YIELD UNDER LOW HILL CONDITIONS	Priyanka Thakur, Manish Kumar and Simran Kashyap	1729	1737
234	OPTIMIZING NITROGEN AND SULPHUR FERTILIZATION FOR ENHANCED GROWTH AND YIELD OF INDIAN MUSTARD ( <i>BRASSICA JUNCEA</i> L.) IN DEHRADUN VALLEY	Ombreta Yendrebam, Shambhavi Tiwari, Abdul Mazeed, Riya Mehrotra, Vipin Chandra Mishra and Sourav Mandal	1738	1745
235	IMPACT OF GAMMA IRRADIATION ON GROWTH PARAMETERS AND VARIABILITY IN MANDARIN ORANGE	Jyoti, Ekta P. Ningot, D.M. Panchbhai and R.P. Gajbhiye	1746	1756
236	EFFECTIVENESS OF ECO-FRIENDLY MANAGEMENT PRACTICES AGAINST UZIFLY ( <i>EXORISTA BOMBYCIS</i> L.) IN SILKWORM REARING UNDER FARMER CONDITIONS IN KOLAR DISTRICT, KARNATAKA INDIA	Shashidhar K.R., Shivanandha V. Hongal, Manjunatha Reddy T.B., Anil Kumar S., Noorulla Haveri and Umeha Naik	1757	1759
237	AN OVERVIEW OF INDIAN PRICKLY ASH ( <i>ZANTHOXYLUM RHETSA</i> ROXB. DC.): A VALUABLE UNDERUTILIZED SPICE	Gourish R. Karanjalker and Avni G. Karanjalker	1760	1767
238	EFFECT OF POST-HARVEST APPLICATION OF GROWTH REGULATORS ON ENHANCING PHYSICAL PARAMETERS AND SHELF LIFE OF BANANA CV. GRAND NAINA	S. N. Sandeep Kumar, Pramod Kumar Panda, Gobinda Chandra Acharya, Raghabananda Nayak, Bijaya Kumar Sethy, Chandan Kumar Rout and Chinmaya Jena	1768	1773
239	MECHANIZATION AND ENVIRONMENTAL SUSTAINABILITY: A COMPREHENSIVE REVIEW OF ECOLOGICAL INTERACTIONS	C. Rajesh, T.S. Sukanya, C. Chaithra, M.A. Sneha, Mahantesh, B. Nagangoudar, M.R. Chidanand Gowda	1774	1784

S. No.	TITLE	AUTHOR	PAGE NO.	
		and B. S. Umadevi		
240	IDENTIFICATION OF BACTERIAL LEAF BLIGHT-RESISTANT RICE CULTURES THROUGH ARTIFICIAL INOCULATION	Chandrakala J., Saicharan M., Ramya Rathod B., Soundharya B. and Balaji Naik B.	1785	1792
241	SOCIO-ECONOMIC DYNAMICS AND CONSTRAINTS OF BLACK PEPPER PRODUCTION IN MEGHALAYA INDIA	Hannalisha B. Marak and Amod Sharma	1793	1798
242	STATUS OF EMERGING VIRUS DISEASE CAUSING NECROSIS IN COTTON INCITED BY TOBACCO STREAK VIRUS IN NORTH EASTERN KARNATAKA INDIA	G. Basavaraja, M.R. Govindappa, Aswathanarayana D.S., Palaiah P., J.M. Nidagundi and Amaresh Y.S.	1799	1805
243	COSTS AND PROFITABILITY ANALYSIS OF WHEAT IN MID HILLS OF KANGRA VALLEY IN HIMACHAL PRADESH INDIA	Girish Mahajan and Kshitij Mandial	1806	1815
244	STUDY ON EXPLORING THE GENETIC VARIABILITY IN M <sub>2</sub> GENERATION OF GROUNDNUT ( <i>ARACHIS HYPOGAEA</i> L.) FOR POD YIELD AND KERNEL TRAITS	Priyanka, H.C. Sowmya, Hasan Khan, G.C. Shekar, Sheela. B. Patil, S.K. Jayalakshmi and H. C. Latha	1816	1821
245	TILLAGE AND WEED MANAGEMENT PRACTICES EFFECT ON YIELD, SOIL ORGANIC CARBON AND ENZYME ACTIVITIES UNDER MAIZE-WHEAT CROPPING SYSTEM	Kavita, Devraj, V.S. Hooda and Kavinder	1822	1831
246	ASSESSING FARM INVENTORIES AND LAND UTILIZATION FOR ORGANIC CROP CULTIVATION IN THE LOW HILL REGION OF HIMACHAL PRADESH INDIA	Jasmeet Kaur, Ankit Yadav, Harbans Lal, K. D. Sharma and Rakesh Singh	1832	1839
247	STANDARDIZATION OF ORGANIC CULTIVATION PRACTICES ON YIELD IN BITTER GOURD ( <i>MOMORDICA CHARANTIA</i> L.) VAR. PUSA AUSHADHI	M Queeny Amulya, M Padma, I V Srinivas Reddy, B Naveen Kumar and S Praneeth Kumar	1840	1846
248	SACRED LOTUS: A COMPREHENSIVE REVIEW OF ITS FUNCTIONAL USES	Rashidha C.K., Mini Sankar and U. Sreelatha	1847	1854
249	EFFECT OF SALT STRESS ON GERMINATION AND SEEDLING EMERGENCE OF OKRA GERMPLASM COLLECTED FROM GARO HILLS, MEGHALAYA INDIA	Soumadeep Putatunda, C.P. Suresh, A. K. Chaurasiya, Susmita Chakraborty, Amy D. Shira and Sri Dharani Dharan M.	1855	1862
250	EFFECT OF ZINC SULPHATE APPLICATION ON QUALITY AND YIELD OF POTATO ( <i>SOLANUM TUBEROSUM</i> L.)	Savita Patel, Rajesh Kumar, Rajneesh Pal, Adarsh Kumar Meena and Virendra Singh Yadav	1863	1870
251	DIETARY VARIATION ON BIOLOGY AND MORPHOMETRIC OBSERVATION OF THE GREATER WAX MOTH, <i>GALLERIA MELLONELLA</i> (L.)	Ankit Kumar Mishra, Surendra Kumar Singh, Rakesh Pandey, Sandeep Singh, Pankaj Kumar, Sapna and Amol Dixit	1871	1878
252	SPATIAL VARIABILITY OF SOIL CHEMICAL PROPERTIES, AVAILABLE SULPHUR AND MICRONUTRIENTS STATUS OF SOILS IN AHMEDNAGAR DISTRICT OF MAHARASHTRA, INDIA	S.S. Hadole, P.A. Sarap, Y.A. Reddy, D.G. Padekar, S.T. Dangore and P.U. Ghatol	1879	1887
253	INFLUENCE OF OZONE FUMIGATION ON RAISINS TO SUBSTITUTE SULPHUR FUMIGATION	Sneha S. Biradar, M. D. Jameel Jhalegar, Jayaram Naik, Viresh Mallayya Hiremath and Anand Nanjappanavar	1888	1898
254	EFFECT OF GIBBERELIC ACID (GA <sub>3</sub> ) SPRAYING AND DIPPING ON GROWTH, YIELD AND NUTRITIONAL STATUS OF GRAPE ( <i>VITIS VINIFERA</i> L.) IN TELANGANA INDIA	Anveshana Thadicherla, Suresh Kumar T., Bhagwan A., Prabhavathi K. and Venkata Ramesh K.	1899	1906
255	STANDARDIZATION OF PRE-GERMINATION TREATMENT, TEMPERATURE AND MEDIA FOR GERMINATION TESTING IN ISABGOL ( <i>PLANTAGO OVATA</i> FORSK.)	Nisarga D., Bapuraygouda B. Patil., Vijaykumar B. Narayanapur, Pallavi H. M. and Chandalinga	1907	1913
256	DUS CHARACTERIZATION OF CASHEW ( <i>ANACARDIUM OCCIDENTALE</i> L.) GENOTYPES	U. Sriya, G. Thanuja Sivaram, K.M. Yuvaraj, K. Umamaheswara Rao, M. Jayaprada and K. Arunodhayam	1914	1924
257	EVALUATION OF WEED INFESTATION AND CULTIVAR COMPETITIVENESS IN DIRECT-SEEDED RICE	Anamika Pandey, P.K. Mukherjee, Namrata Jain and Narendra Kumar	1925	1929
258	A DECISION SUPPORT SYSTEM FOR SUSTAINABLE CROP RECOMMENDATION IN SAURASHTRA FROM DIVERSE SOIL CHARACTERS BASED ON RANDOM FOREST, DECISION TREE AND LOGISTIC REGRESSION	Chovatiya P.V., Patel D.V., Shitap M.S. and Sakarvadia H.L.	1930	1937
259	EVALUATION OF <i>MOMORDICA CYMBALARIA</i> HOOK. FENZL. GENOTYPES FOR QUALITY TRAITS	Karakambadi Vaishnavi, Syed Sadarunnissa, P. Syam Sundar Reddy, M. Jayaprada and K.V. Naga Madhuri	1938	1943
260	STANDARDIZATION OF ORGANIC CULTIVATION PRACTICES ON GROWTH IN BITTER GOURD ( <i>MOMORDICA CHARANTIA</i> L.) VAR. PUSA AUSHADHI	M. Queeny Amulya, M. Padma, I. V. Srinivas Reddy, B. Naveen Kumar and S. Praneeth Kumar	1944	1950
261	IMPACT OF DIFFERENT INSECTICIDES ON POLLINATOR VISITATION IN CASHEW UNDER FIELD	G. Shal Raju, S. R. Koteswara Rao, N. Emmanuel, K. Mohan Rao, P. Kishore	1951	1957

S. No.	TITLE	AUTHOR	PAGE NO.	
	CONDITIONS	Varma and K.N. Sreenivasulu		
262	FROM SACRED RITUALS TO HOUSEHOLD REMEDIES: THE ETHNOBOTANICAL ROLES OF DIVERSE SPECIES IN GIRWAH TEHSIL, UDAIPUR RAJASTHAN INDIA	Aditi Chauhan and Gunmala Gugalia	1958	1962
263	SEED ENHANCEMENT INTERVENTIONS IN ORNAMENTALS: MECHANISMS, EFFICIENCY AND FUTURE SCOPE	Prativa Anand and Vanlalruati	1963	1968
264	STUDIES ON THE EFFECT OF DIFFERENT FORMS AND METHODS OF APPLICATION OF ZINC ON SOIL FERTILITY AND YIELD OF SWEET CORN ( <i>ZEAMAYS</i> VAR. <i>SACCHARATA</i> ) AND FRENCH BEAN ( <i>PHASEOLUS VULGARIS</i> ) CROPPING SEQUENCE	Shreya S. Benachanamardi, Yogeeshappa H., S. M. Prasanna, Kantesh N. Gandolkar and Shripad P. Vishweshwar	1969	1976
265	IMPROVING RICE PRODUCTIVITY AND QUALITY THROUGH OPTIMUM PLANT POPULATION AND NITROGEN MANAGEMENT	Danveer Singh, Rajbir Garg, Parveen Kumar, Sushil Kumar, Pawan Kumar, Rahul, Simran and Ravi	1977	1984
266	THE IMPACT OF SEED PRIMING TO ENHANCE GERMINATION, GROWTH AND YIELD OF OKRA ( <i>ABELMOSCHUS ESCULENTUS</i> L.)	Mamta Yadav, M. R. Choudhary, Pushpa Ujjainiya, S. K. Bairwa, Deepak Gupta, Sunil Kumar Yadav and Pooja Sharma	1985	1988
267	PERFORMANCE EVALUATION OF DIFFERENT VARIETIES OF SPINACH ( <i>SPINACEA OLERACEA</i> L.)	Khahwang Wangjen and Linthoingambi Ningombam	1989	1995
268	PERFORMANCE EVALUATION OF DIFFERENT VARIETIES OF FRENCH BEAN ( <i>PHASEOLUS VULGARIS</i> L.)	Nyolih Wangsu and Linthoigambi Ningongbam	1996	2000
269	EFFECT OF SOWING DATES AND ORGANIC NUTRIENTS ON GROWTH AND YIELD OF CABBAGE ( <i>BRASSICA OLERACEA</i> VAR. <i>CAPITATA</i> ) IN TEMPERATE KASHMIR INDIA	Nindiya Bharti, Sumati Narayan, Faheema Mushtaq, Farooq Ahmad Khan, Bilal Ahmad Lone, Mahender Kumar Sharma, Raj Narayan and Astha	2001	2004
270	CURRENT TRENDS, INDICES AND CHALLENGES OF CROP DIVERSIFICATION: A REVIEW	Jadhav S.S., Danawale N.J., Solanke A.V. and Ilhe S.S.	2005	2015
271	EVALUATION OF GENETIC VARIABILITY, HERITABILITY AND GENETIC ADVANCE AMONG THE DIFFERENT YIELD AND QUALITY CHARACTERS OF CHILLI ( <i>CAPSICUM ANNUUM</i> L.)	Vishal Yadav, Rajiv, Rajat Singh, Krishan Kumar, Rohit Rawat, Rahul Kumar, Siddharth Kumar and Anuj Mishra	2016	2021
272	EFFECT OF SEED BIO-PRIMING ON GERMINATION, SEEDLING VIGOR, AND YIELD OF ASHWAGANDHA ( <i>WITHANIA SOMNIFERA</i> L. DUNAL)	Mohanraj M., Sangeetha K.S., P. Anitha, P.V. Sindhu and Jiji Allen	2022	2029
273	THE SILVER LINING OF STRESS: UNLOCKING THE POTENTIAL OF EUSTRESS IN VEGETABLE CROPS	Anushma P. and T. Pradeepkumar	2030	2040
274	WASTE VALORISATION IN HORTICULTURE: A COMPREHENSIVE REVIEW	A.V. Kiran, Ch. S. Kishore Kumar and Sudha Vani V.	2041	2052
275	EFFECT OF INTEGRATED NITROGEN MANAGEMENT AND SPACING ON GROWTH PARAMETERS OF KALMEGH ( <i>ANDROGRAPHIS PANICULATA</i> )	Marthala Y. Reddy, Nitin K. Patke, S.P. Wagh, Shubam B. Abhale, Y.A. Reddy, R.V. Mahajan and V.V. Patil	2053	2056
276	BIOCHEMICAL CHARACTERIZATION OF FENNEL ( <i>FOENICULUM VULGARE</i> ) GENOTYPES	Neha and Yogendra Singh	2057	2061
277	HETEROSIS STUDIES IN OKRA ( <i>ABELMOSCHUS ESCULENTUS</i> L. MOENCH) FOR GROWTH AND EARLINESS PARAMETERS THROUGH LINE X TESTER ANALYSIS	Vaibhav R. Dhakne, A. M. Sonkamble, V. S. Kale, D. S. Phad, Y. V. Ingle and Shri. R. D. Walke	2062	2069
278	WEATHER RELATED INTRA-PLANT DISTRIBUTION OF INVASIVE CHILLI THRIPS ( <i>THRIPS PARVISPINUS</i> KARNY)	Priyanka T., Shivaleela, Hanumanthappa Shrihari, Basavaraj Kadanavarand Sreedevi S. Chavan	2070	2074
279	COMPARATIVE BIOLOGY OF DIAMONDBACK MOTH <i>PLUTELLA XYLOSTELLA</i> L. (LEPIDOPTERA: PLUTELLIDAE) ON MAIN CROP (CABBAGE) AND TRAP CROP (MUSTARD)	Rashmi Sangami, Shivaleela, Rachappa V., Basavaraj S. Kalmath and Suvarna	2075	2080
280	EFFECTIVENESS OF AI GENERATED MULTI-MEDIA TEACHING AID ON IDM IN CONTROLLING RICE BLAST: A CASE AT THADNONGIAW VILLAGE, RI-BHOI, MEGHALAYA	Th Onchoila Maring, Rajkumar Josmee Singh and Pankaj Kumar	2081	2088
281	HETEROSIS AND PERFORMANCE ANALYSIS OF SWEET CORN HYBRIDS FOR YIELD AND QUALITY CHARACTERS	Sravani D., Usharani G., Madhukar Rao P., Vijaya Bhaskar A. and Manjulatha G.	2089	2093
282	SEA BUCKTHORN: THE GOLDEN REVOLUTION OF OMEGA-7, CLEAN BEAUTY AND SUSTAINABLE SUPER FOODS: A REVIEW	Dhanesh Kumar, Jitendra Chaurasia, Gyanendra Singh, Vaishali Singh, Anushi, Anushka Singh, Dayanand Sai Painkra and Ritik Raj	2094	2105
283	ANALYSIS OF SOCIO-ECONOMIC CHARACTERISTICS OF MUSTARD FARMERS WITH RESPECT TO PACKAGES AND PRACTICES IN BADAUN DISTRICT,	Rahul Kumar, Anushka Khare, Swapnil Kumar Srivastav, Reena Rawat, Mona Raghuvanshi, Mahendra Yadav and	2106	2114

S. No.	TITLE	AUTHOR	PAGE NO.	
	U.P., INDIA	D.P. Rai		
284	RESPONSE OF HUMIC ACID 18% + FULVIC ACID 1.5% ON GROWTH, YIELD AND QUALITY OF CHILLI UNDER MALWA PLATEAU CONDITIONS OF MADHYA PRADESH, INDIA	Rajiv Dubey, Shailendra Dwivedi, H.P. Singh and Ankit Pandey	2115	2119
285	STUDIES ON IRRIGATION MANAGEMENT AT DIFFERENT GROWTH STAGES IN CHICKPEA ( <i>CICER ARIETINUM</i> L.)	M. Pooja Reddy, B. Kiruthiga, G. Adi Lakshmi, P. Varalakshmi and K. Avil Kumar	2120	2123
286	ADVANCES IN MOLECULAR BREEDING, GENOME EDITING, AND MULTI-OMICS FOR ACCELERATED IMPROVEMENT OF VEGETABLE CROPS	Heena, Ashok Kumar, Amit Kumar Chaudhary, Syed Kulsoom Fatima Jafri, Govind Mishra and P. Jayaprasanna	2124	2131
287	FLOWERING PHYSIOLOGY AND FRUIT SET REGULATION IN MAJOR FRUIT, VEGETABLE, AND FLOWER CROPS: A COMPREHENSIVE REVIEW	Rajneesh Singh, Lalramchhana, Yogendra Pratap Singh, G. Ranganna, Monisha Thangavel, Ravi Pratap Singh, Devi Singh and Khushal B. Muradi	2132	2142
288	BIOGENIC SYNTHESIS OF SILVER NANOPARTICLES USING <i>ELAEOCARPUS GANITRUS</i> EXTRACT: KINETIC ANALYSIS, ANTIMICROBIAL ACTIVITY, AND CYTOGENETIC ASSESSMENT	Ayush Madan and Rajiv Dutta	2143	2156
289	PHENOTYPIC SCREENING FOR LEAF AND NECK BLAST IN VARIOUS <i>INDICA</i> , <i>JAPONICA</i> RICE AND THEIR CROSS HYBRIDS	Kumar Sanu, Deo Prakash Pandey, Diksha, Abhishek Kumar, Surbhi Patyal, Chaitanya Thakur and Mohit Agrawal	2157	2162
290	<i>IN-VITRO</i> SHOOT AND ROOT INDUCTION IN SPINE GOURD	S.S. Survase, V.S. Kale, A.M. Sonkamble, D.M. Panchbhai, S.B. Sakhare and D.R. Rathod	2163	2167
291	GENETIC VARIABILITY, HERITABILITY AND PATH ANALYSIS OF GROWTH ATTRIBUTES AND YIELD COMPONENTS OF ADVANCE BLACKGRAM GENOTYPES UNDER LATE <i>KHARIF</i> CONDITION IN RED AND LATERITE ZONE OF WEST BENGAL INDIA	Sudipta Sarker, S. Banerjee, M. Ghosh, R. Nath, A. Maji and S. Pati	2168	2173
292	GENETIC DIVERSITY AND DOWNY MILDEW RESISTANCE IN MUSKMELON ( <i>CUCUMIS MELO</i> L.)	Koushik S. M., Padmanabha K., Sangeetha C. G., Ramchandra R. K., Shivanand Veerappa Hongal, Yoshita Shrikrishna Shastri, Sreenatha A. and Raghavendra S.	2174	2180
293	INTEGRATED NUTRIENT MANAGEMENT IN FRUIT CROP PRODUCTION: A REVIEW	Sumit Bura, Amit Jasrotia, Arti Sharma, Megha Patidar, Deepak Khatri, Tensring Lenzess and Stenzin Khenrab	2181	2189
294	PRE-HARVEST TREATMENT WITH PUTRESCINE, SALICYLIC ACID AND CALCIUM CHLORIDE: A STRATEGY TO IMPROVE POSTHARVEST PHYSICAL QUALITY OF PLUM CV. SATLUJ PURPLE UNDER AMBIENT STORAGE	Gunjan Joshi, Omveer Singh, D. C. Dimri, Rajesh Kumar, Pratibha and Deepti Shankhdhar	2190	2199
295	COMPARATIVE EVALUATION OF PRE AND EARLY POST-EMERGENCE HERBICIDES IN SUMMER PEARL MILLET	Sonal Parmar, L. J. Desai and Kusum Parmar	2200	2206
296	PERFORMANCE STUDY OF GRAFTED BRINJAL ( <i>SOLANUM MELONGENA</i> L.) FOR GROWTH PARAMETERS	Shyama Sourabh, Rajshree Gayen, Sunil Kumar Dash, Lilymoony Tripathy, Vijay Kumar, Shweta Ramole, Sunil Kumar Nair and Saurabh	2207	2211
297	COMPARATIVE EVALUATION OF ORGANIC RESIDUES FOR HIGH-QUALITY VERMICOMPOST PRODUCTION AND NUTRIENT ENRICHMENT	M.N. Karthik, Manisha Meher, Sagar Chandra Senapati and Ashok Kumar Das	2212	2216
298	EFFECT OF EXOGENOUS APPLICATION OF POLYAMINES ON SHOOT GROWTH OF KINNOW MANDARIN UNDER SALINE WATER IRRIGATION	Arjoo, R.K. Goyal, G.S. Rana and Aayush	2217	2221
299	STUDIES ON BANANA BUNCH IMPROVEMENT THROUGH SUPPLEMENTATION OF BUNCH SPRAYS OF POTASSIUM	Mendhe A. R., C. M. Gulave, N. R. Satpute, A. B. Bhosale and V. T. Gujar	2222	2227
300	COMPARATIVE ASSESSMENT OF WEED CONTROL STRATEGIES ON WEED DENSITY AND BIOMASS IN ELEPHANT FOOT YAM ( <i>AMORPHOPHALLUS PAEONIIFOLIUS</i> DENNST. NICOLSON) CV. GAJENDRA	Rishu Kumar, Juhi Kumari, Jay Shankar Mishra and S. Sengupta	2228	2234
301	EFFECT OF INTEGRATED NUTRIENT MANAGEMENT ON GROWTH, YIELD AND QUALITY OF FIG CV. POONA	Anilkumar G. K., I. B. Biradar, S. N. Patil, Sanjeevreddi. G. Reddi and Anand G. Nanjappanavar	2235	2239
302	COMPARATIVE ANALYSIS OF BIAS CORRECTION APPROACHES FOR CLIMATE PROJECTIONS OVER MALAMPUZHA CATCHMENT	Vinnakota Yesubabu, Anu Varughese and Aravind P.	2240	2246
303	ASSESSMENT OF GENETIC DIVERSITY USING CLUSTER AND PRINCIPAL COMPONENT ANALYSIS	V. K. Jaiswal, Prem Kumar, Vijay Kumar Yadav, Vaibhav Chauhan, Krishan	2247	2251

S. No.	TITLE	AUTHOR	PAGE NO.	
	FOR YIELD AND ITS CONTRIBUTING TRAITS OF BREAD WHEAT ( <i>TRITICUM AESTIVUM</i> L.)	Kumar, Suraj Muttepar, Amit Kumar, Shivanshu Shekhar and Sachin Pal		
304	PERFORMANCE OF DIFFERENT RICE HYBRIDS IN GIRD ZONE OF MADHYA PRADESH INDIA	Neeraj Hada, D.S. Sarangdevot, R.C. Aswani, Amit Kumar and L.S. Gurjar	2252	2255
305	AN ANALYSIS OF FARM EFFICIENCY OF K V K ADOPTED AND NON- ADOPTED FARMERS IN JHANSI DISTRICT OF UTTAR PRADESH INDIA	Sunil Kumar Jakhar, Ashish Kumar, Riya, Rishabh Pratap Singh, Manoj Kumar Sharma, and Rakesh Kumar Jakhar	2256	2260
306	VEGETABLE GRAFTING FOR ENHANCING CROP RESILIENCE AND PRODUCTIVITY: A REVIEW	Aanchal Chauhan, Rajeev Kumar, Deepa Sharma and Reena Kumari	2261	2266
307	INQUISITION ON DIFFERENT DATE OF TRANSPLANTING ON THE OCCURRENCE AND INTENSITY OF RICE LEAF FOLDER <i>CNAPHALOCROCIS MEDINALIS</i> (GUENEE) IN CENTRAL UTTAR PRADESH INDIA	Ram Kewal, Neerja Agrawal and V.K. Yadav	2267	2273
308	BIO-EFFICIACY OF BIO-AGENTS AND BOTANICAL EXTRACTS AGAINST ROOT ROT CAUSING PATHOGEN ( <i>FUSARIUM SOLANI</i> ) IN MULBERRY ( <i>MORUS ALBA</i> L.)	Salman Almelkar, Ramakrishna Naika, Mahesh M., Bharathi V.P. and Shashidhar K.R.	2274	2280
309	UNEARTHING A SOLUTION: NOVEL FUNGICIDE CANDIDATES FOR SOYBEAN COLLAR ROT ( <i>SCLEROTIUM ROLFII</i> SACC.) MANAGEMENT UNDER <i>IN VITRO</i> CONDITIONS	Ishwari G. Hiremath, Shamarao Jahagirdar, Nagaraj H., Murali R., Ningaraj Belagalla, Madhurima Vinod and Haralakal Kerthi Kumari	2281	2287
310	ECO-FRIENDLY WEED CONTROL APPROACHES IN ORGANIC CHICKPEA ( <i>CICER ARIETINUM</i> ) CULTIVATION	Kusum Parmar, K.M. Patel and Sonal Parmar	2288	2295
311	EFFECT OF NANO UREA ON GROWTH, YIELD AND ECONOMICS OF POTATO ( <i>SOLANUM TUBEROSUM</i> L.)	Sneha P. Math, Hiremath S. M., Shashidhar T. R. and Rajkumara S.	2296	2300
312	EFFECT OF ORGANIC MANURES AND BIO INOCULANTS ON QUALITY AND MICROBIOLOGICAL PARAMETERS OF BITTER GOURD ( <i>MOMORDICA CHARANTIA</i> L.)	H.P. Pallavi, Venugopal C. K., M. S. Biradar, Jones Nirmalnath P. and Shalini N. H.	2301	2305
313	ORNAMENTAL GINGERS: HIDDEN GEMS OF THE TROPICS	Reshma Shaji, Mini Sankar and Sreelatha U.	2306	2314
314	GENETIC RESOURCES, VARIETAL AND VALUE-ADDED DEVELOPMENT OF GRAIN AMARANTH IN INDIA: STATUS AND PROSPECTS	H.L. Raiger, N.N. Prajapati, J.M. Sutaliya, S.K. Yadav Rajhans Verma, Parvati Deewan and N.K. Jajoriya	2315	2333
315	<i>IN-VITRO</i> EVALUATION OF BOTANICALS, ESSENTIAL OILS, BIO-AGENTS AND FUNGICIDES AGAINST <i>MACROPHOMINA PHASEOLINA</i> CAUSING DRY ROOT ROT OF SWEET BASIL ( <i>OCIMUM BASILICUM</i> L.)	Urvashi Singh, Vibha Pandey and Teena Patel	2334	2340
316	GENE ACTION AND INHERITANCE OF YELLOW VEIN MOSAIC VIRUS (YVMV) RESISTANCE IN OKRA ( <i>ABELMOSCHUS ESCULENTUS</i> L.)	Mekala Srikanth, S.K. Dhankhar and Mamatha N.C.	2341	2346
317	MORPHOLOGICAL TRAIT-BASED CLUSTER ANALYSIS REVEALS GENETIC DIVERSITY AND YIELD STABILITY IN SUBMERGENCE-TOLERANT RICE ( <i>ORYZA SATIVA</i> L.) BREEDING LINES	Alok Kumar Singh, Devendra Pratap Singh, Avantika Maurya, Ashutosh Singh, Saurabh Dixit, N.A. Khan and D. K. Dwivedi	2347	2352
318	IDENTIFICATION OF GENETICALLY DIVERSE AND HIGH-YIELDING RICE BREEDING LINES THROUGH MULTIVARIATE TRAIT ANALYSIS	Alok Kumar Singh, Devendra Pratap Singh, Avantika Maurya, Ashutosh Singh, Saurabh Dixit, N.A. Khan and D.K. Dwivedi	2353	2360
319	ASSESSMENT OF GENETIC VARIABILITY, HERITABILITY AND GENETIC ADVANCE FOR YIELD AND YIELD COMPONENTS IN RED RICE ( <i>ORYZA SATIVA</i> L.)	Nanda K.P., Vavdiya P.A., Asondariya K.H., Jadav R.V., Mungra K.S. and Naghera Y.V.	2361	2365
320	EVALUATING THE IMPACT OF DIFFERENT SOWING DATES ON SUMMER SORGHUM GROWTH AND YIELD IN NAVSARI, GUJARAT, INDIA	Dharmishtha S. Rathod, Pravinsinh K. Parmar, Sandip N. Saravadiya, Rushita J. Virani and Shreya M.	2366	2372
321	PRODUCTIVITY, PROFITABILITY, AND SEED QUALITY OF SOYBEAN ( <i>GLYCINE MAX</i> ) AS AFFECTED BY NUTRIENT MANAGEMENT THROUGH THE NUTRIENT OMISSION TECHNIQUE	Dishita Aseri, S.C. Meena and Pooja Kumari Meena	2373	2377
322	IMPACT OF CANOPY MANAGEMENT ON GROWTH PERFORMANCE AND FIBRE QUALITY OF COMPACT BT COTTON HYBRID IN HIGH-DENSITY PLANTING SYSTEM	S.R. Manasa, S.S. Hallikeri, B.N. Aravind Kumar, G. Somanagouda, S.S. Gundlur and P. Nethra	2378	2384
323	SCREENING OF SESAME ( <i>SESAMUM INDICUM</i> L.) GENOTYPES AGAINST CHARCOAL ROT ( <i>MACROPHOMINA PHASEOLINA</i> ) USING <i>IN VITRO</i> AND <i>IN VIVO</i> METHODS	K. Akshaya, V. Bharathi, Y. Bharathi and M. Madhavi	2385	2398

S. No.	TITLE	AUTHOR	PAGE NO.	
324	EFFECT OF FOLIAR APPLICATIONS OF ORGANIC AND INORGANIC SUBSTANCES ON GROWTH AND YIELD OF PHALSA	Kinjal D. Patel, S.S. Gaikwad, S.T. Bhatt and S.J. Patil	2399	2404
325	EPIDEMIC DYNAMICS OF ARECA NUT LEAF SPOT AND IMPLICATIONS FOR CROP SUSTAINABILITY IN NORTHERN KERALA: A REVIEW	Bhavana A.S, Sajeesh P.K., Sainamole Kurian P., Heyram S.P. and Liyann Sabu	2405	2413
326	PRECISION FERTILIZATION REVOLUTION: PERFORMANCE EVALUATION OF AN ELECTRO-MECHANICAL VARIABLE RATE FERTILIZER APPLICATOR	Er. Seelam Jayakrishna, Vijayakumar Palled, Sushilendra, M. Veerangouda, Ajayakumar M. Y. and Veeresh H.	2414	2434
327	IDENTIFICATION OF CYTOCHROME P450 GENES AND DOWNREGULATED KNOCKOUT CANDIDATES FOR ENHANCING SHEATH BLIGHT RESISTANCE IN RICE ( <i>ORYZA SATIVA</i> L.)	Srujana Vemula, Swarnalatha Vipparthi, Satendra K Mangrauthia, S. Vanisree and V. Prakasam	2435	2442
328	EFFECT OF VARIOUS ORGANIC NUTRIENT COMBINATIONS ON GROWTH AND YIELD OF PALAK ( <i>BETA VULGARIS</i> L. VAR. BENGALENSIS) IN HYDROPONIC NFT SYSTEM	Poojitha V., Anitha B., Tanuja P., and Babith Raj Goud G.	2443	2449
329	OCCURRENCE AND DISTRIBUTION OF CHARCOAL ROT DISEASE AND SEED MYCOFLORA IN SOYBEAN CROPPING SYSTEMS OF TELANGANA STATE, INDIA	K. Radhika, M. Madhavi, V. Bharathi and T. Sukruth Kumar	2450	2456
330	HOST PLANT RESISTANCE FOR THE MANAGEMENT OF <i>MACROPHOMINA</i> STEM AND ROOT ROT DISEASE IN SESAME ( <i>SESAMUM INDICUM</i> L.)	A. Mahalingam, T. Tamilmathi, K. Subrahmaniyan and R. Sathish Kumar	2457	2463
331	TRANSFORMING SUGARCANE SEED SYSTEMS THROUGH MICROPROPAGATION: A REVIEW OF PROGRESS AND FUTURE STRATEGIES	Akula Dinesh, M. Sai Charan, G. Narender, Ramya Rathod, G. Rakesh, A. Krishna Chaitanya	2464	2475
332	SPATIAL DISTRIBUTION OF SOIL CHEMICAL PROPERTIES AND NUTRIENT AVAILABILITY ACROSS DIFFERENT LAND USE SYSTEMS IN POKKALI WETLANDS	Puthan Purayil Athul, A. K. Sreelatha, V.I. Beena, Deepa Thomas, Arya Lekshmi V., Divya Vijayan V., Abhishek Krishnan and Fawaz Parapurath	2476	2483
333	TEMPORAL CHANGES IN CALCIUM AND BORON FRACTIONS IN ACIDIC LATERITE SOILS BY THE CO-APPLICATION OF LIME AND BORAX	Nayana M.V., Beena V. I., Thulasi V., Geetha P., Omji Nath M. S. and Nithin S.	2484	2493
334	ROLE OF MICRONUTRIENT FOLIAR SPRAY IN ENHANCING GROWTH, YIELD, AND QUALITY OF KASURIMETHI ( <i>TRIGONELLA CORNICULATA</i> L.)	Siddappa R., K. J. Deepika, B. N. Maruthi Prasad, B. R. Premalatha, and R. Manjunath	2494	2503
335	EVALUATION OF GARLIC ( <i>ALLIUM SATIVUM</i> L.) BULB GENOTYPES FOR YIELD AND QUALITY CHARACTERISTICS	Siddappa R., M. Ananthan, N. K. Hegde and A. Ramar	2504	2511
336	EFFECT OF SUGAR SOURCES AND BLENDING PROPORTIONS ON FERMENTATION BEHAVIOUR AND ETHANOL PRODUCTION OF BEETROOT BLENDED WATERMELON WINE	Hange P.R., Sonkamble A.M., Dalal S.R., Ghawade S.M., Patil S.R. and Kankal D.S.	2512	2516
337	BIOCHEMICAL AND NUTRITIONAL PROFILES OF WINE GRAPE VARIETIES GROWN UNDER CUMBUM VALLEY REGION OF TAMIL NADU INDIA	C. Jayalakshmi, S. Saraswathy, R. Rajakumar, M. Manikandan and A. Shanthi	2517	2521
338	BIOCHAR: A SUPER AMENDMENT FOR SOIL HEALTH AND SUSTAINABILITY	Ankita Sharma, Rakesh Sharma and Arushi	2522	2533
339	PRODUCTIVITY AND PROFITABILITY OF WHEAT ( <i>TRITICUM AESTIVUM</i> L.) UNDER DIVERSE NUTRIENT REGIMES	Ashish Sharma, Akhil Bharti, Aaina Sharma and Vikas Tomar	2534	2538
340	IMPROVING FATTY ACID BALANCE IN EDIBLE OILS: A COMPARATIVE STUDY OF SUNFLOWER, RICE BRAN, AND THEIR BLENDS	Lakshmiprasanna Kata, Aparna Kuna, Zubeda Sohan and M. Bhagyamma	2539	2544
341	COST-EFFECTIVENESS OF BIO-PESTICIDES AND CHEMICAL INSECTICIDES FOR THE MANAGEMENT OF MAIZE STEM BORER, CHILO PARTELLUS (SWINHOE) IN KHARIF MAIZE	Sooraj Kumar, Kartikey Tripathi, Yogesh Vaghmarya and Pankaj Kumar	2545	2550
342	DIVERSITY ANALYSIS IN LINSEED ( <i>LINUM USITATISSIMUM</i> L.) GERMPASM FOR BUD FLY RESISTANCE USING MORPHOLOGICAL AND MOLECULAR MARKERS	Shital Ganesh Kunte, Beena M. Nair, Sudhir Gupta, Rani Jadhav, J. G. Manjaya, Vijaya Bajad and Snehal Vaidya	2551	2560
343	CHARACTERIZATION OF THE MECHANICAL PROPERTIES OF GARLIC ( <i>ALLIUM SATIVUM</i> L.) FOR PROFICIENT EQUIPMENT DESIGN IN FOOD PROCESSING	P.D. Jadhav, S.V. Gupta, P.H. Bakane, B.N. Patil, S.M. Ghawade and S.D. Jadhao	2561	2570
344	GROWTH AND YIELD PERFORMANCE OF SELECTED GILOY ( <i>TINOSPORA CORDIFOLIA</i> ) GENOTYPES	Amit Kumar, Kaushal Kumar, Sunil kumar, C.S. Singh, Arnab Roy Chowdhury, P.R. Oraon and Anil Kumar	2571	2577
345	MORPHOLOGICAL AND MOLECULAR DIVERSITY OF SWEET CORN INBRED LINES	Ramishetty Shiva Shankar and P. Bindu Priya	2578	2586

S. No.	TITLE	AUTHOR	PAGE NO.	
346	EVALUATION OF BROAD BEAN GENOTYPES FOR YIELD AND QUALITY TRAITS UNDER LUCKNOW AGRO CLIMATIC CONDITIONS	Sunil Kumar, Deepa H. Dwivedi, Prabhat Kumar, Pratibha Singh, Rahul Kumar and Suraj Kumar	2587	2593
347	LONG TERM EFFECT OF SILVI-HORTI SYSTEMS ON SOIL CHEMICAL PROPERTIES AND AVAILABLE NUTRIENTS STATUS	Savita P. Doni, Sanatkumar T. Hundekar, Jagadeesh B. R., Yallappa B. Doni, Varsha Somaraddi Radder and Mounika M. N.	2594	2598
348	EFFECT OF <i>JEEVAMRUT</i> ON YIELD AND SOIL PROPERTIES OF CLUSTER BEAN ( <i>CYAMOPSIS TETRAGONOLOBA</i> L.) CV. PUSA NAVBAHAR	Sharan Gouda, Manish V. Patel, Anjinayya, Dhananjay P. Haramagatti and N. R. Rupala	2599	2605
349	EFFECT OF <i>JEEVAMRUT</i> ON GROWTH, QUALITY AND ECONOMICS OF CLUSTER BEAN ( <i>CYAMOPSIS TETRAGONOLOBA</i> L.) CV. PUSA NAVBAHAR	Sharan Gouda, Manish V. Patel, Anjinayya, Dhananjay P. Haramagatti and N. R. Rupala	2606	2611
350	DRY MATTER AND NUTRIENT UPTAKE OF COLOURED CAPSICUM HYBRIDS INFLUENCED BY DIFFERENT IRRIGATION LEVELS UNDER SHADE NET	K. Chaitanya, K. Avil Kumar, M. Uma Devi, T. L. Neelima, MD. Latheef Pasha and S. Srinika	2612	2617
351	YIELD AND WATER USE EFFICIENCY OF COLOURED CAPSICUM INFLUENCED BY DIFFERENT IRRIGATION LEVELS UNDER SHADE NET	K. Chaitanya, K. Avil Kumar, M. Uma Devi, T.L. Neelima, MD. Latheef Pasha and S. Srinika	2618	2621
352	EVALUATION OF GENETIC VARIABILITY, HERITABILITY AND GENETIC ADVANCE FOR THE IDENTIFICATION OF SUPERIOR GENOTYPES IN CUCUMBER ( <i>CUCUMIS SATIVUS</i> L.)	Siddharth Kumar, Keshav Arya, Rajendra Kumar Yadav, Vivek Kumar Tripathi, Som Veer Singh, Rajiv, Rajat Singh and Mohit Kumar	2622	2629
353	CORRELATION AND PATH ANALYSIS OF YIELD-ATTRIBUTING TRAITS IN F <sub>3</sub> POPULATION OF SNAP MELON ( <i>CUCUMIS MELO</i> VAR. <i>MOMORDICA</i> )	Kartik, H. P. Hadimani, Renuka Muttappanavar, Ashok and Sayeed Wajeed Mulla	2630	2633
354	EFFECT OF HUMIC ACID APPLICATION THROUGH DIFFERENT MODES ON GROWTH, YIELD AND QUALITY PARAMETERS OF GREEN CHILLI ( <i>CAPSICUM ANNUUM</i> L.)	Venkatesh M. Yaraguppi, Sayeed Almas R. Mulla, S.M. Prasanna, I.B. Biradar and H.P. Hadimani	2634	2642
355	COLLECTION, ISOLATION, MORPHOLOGICAL CHARACTERIZATION AND PATHOGENICITY OF <i>LECANICILLIUM LECANII</i>	Santosh Kumar, V.K. Nirmalkar, R.K.S. Tiwari, Hitesh and Khemchand Nishad	2643	2651
356	PERFORMANCE OF TRADITIONAL PADDY ( <i>ORYZA SATIVA</i> L.) VARIETIES UNDER ORGANIC PRODUCTION SYSTEM	Gurubasavaswamy B.M., Desai B.K., Mahanta Shivayogayya, Basavanneppa M.A., Kalibhavi C.M., Mahadevaswamy and Ramesh, Y.M.	2652	2656
357	EVALUATION OF <i>CAPSICUM</i> ACCESSIONS FOR RESISTANCE TO GREEN CHILLI ANTHRACNOSE ( <i>COLLETOTRICHUM SCOVILLE</i> )	Karishma Pasupula, Sandeep Kumar G.M., Sriram S., Madhavi Reddy K., Smaranika Mishra, Manoj B.P., Maheeb Shaik, Sai Timmarao K. and Naresh P.	2657	2664
358	ANALYSIS OF GENETIC DIVERSITY FOR SEED YIELD AND ITS RELATED TRAITS IN SOYBEAN ( <i>GLYCINE MAX</i> L. MERRILL) GENOTYPES	Abhishek Bairwa, B.L. Meena, S.C. Sharma, C.B. Meena, K.M. Sharma, Yash Nagar and Govind Tikiani	2665	2671
359	EFFECT OF DIFFERENT CULTURE MEDIA, CARBON SOURCES, AND PH ON MYCELIAL GROWTH AND SCLEROTIA FORMATION OF <i>RHIZOCTONIA SOLANI</i> CAUSING SHEATH BLIGHT DISEASE OF RICE	Sant Ram Sahu, P.K. Tiwari, Dayasagar, Deepak Gauraha, Ashwarya Tandan and Suresh Kumar Sahu	2672	2681
360	INFLUENCE OF NITROGEN LEVELS AND <i>G-AMRUT</i> ON GROWTH, YIELD ATTRIBUTES AND YIELD OF SUMMER SESAME UNDER ORGANIC FARMING	Riya R. Patel, A.R. Kaswala and A.P. Italia	2682	2686
361	BIOEFFICACY OF NOVEL INSECTICIDES, NEEM OIL AND ENTOMOPATHOGENIC FUNGI AGAINST OKRA LEAF HOPPER ( <i>AMRASCA BIGUTELLA BIGUTELLA</i> ISHIDA)	Rakesh Kumar, Pooja Barthwal and Sakshi Raj	2687	2692
362	OPTIMISATION OF YIELD AND ASSESSING THE ECONOMIC VIABILITY OF IRRIGATED SORGHUM ( <i>SORGHUM BICOLOR</i> L.) THROUGH (INM) APPROACH	M.P. Sivamoorth, P. Stalin, M. Thiruppathi, K. Suseendran, T. Sivakumar and G. Akshaya	2693	2700
363	PERFORMANCE OF SOWING TIME AND SUITABLE VARIETIES ON GROWTH AND YIELD ATTRIBUTES OF SUMMER FINGER MILLET ( <i>ELEUSINE CORACANA</i> L.)	Patel Kaushik Jivan, Y. C. Lakum, V. M. Parmar, S. N. Chaudhary and P. M. Solanki	2701	2706
364	VALUE-ADDED PRODUCT OF TEA FOR HOLISTIC HEALTH AND HYGIENE	S.P. Karmakar, A.B. Das, C. Gurung, A. Gurung, J. Dasgupta and C. Ghosh	2707	2727
365	OPTIMIZING SOWING STRATEGIES: A COMPARATIVE STUDY OF FRENCH BEAN CULTIVAR IN PROTECTED VS. OPEN FIELD CONDITIONS	Bhagwan Singh, Vishal Tripathi, Amrita Kumari, Etalesh Goutam and Yaman Kumar	2728	2733
366	GROWTH PERFORMANCE ANALYSIS OF SEVEN AGROFORESTRY TREE SPECIES IN TWO AGRO-CLIMATIC ZONE OF KARNATAKA, INDIA	B. Tambat, Deekhsa Raj N., Yash Khot and R. Ravishanker	2734	2742

S. No.	TITLE	AUTHOR	PAGE NO.	
367	CORRELATION STUDIES AND ADAPTATION MECHANISMS OF AGRONOMIC AND PHYSIOLOGICAL TRAITS IN SOYBEAN ( <i>GLYCINE MAX</i> L. MERRILL) F <sub>2</sub> POPULATIONS UNDER IRRIGATED AND DROUGHT CONDITIONS	Bhosale B.R., Chimote V.P., Deshmukh M.P., Aher A.R., and Patil M.R.	2743	2749
368	INTEGRATING HIGH-VALUE HORTICULTURAL CROPS INTO TRADITIONAL FIELD CROP SYSTEMS: OPPORTUNITIES, CONSTRAINTS, AND ECONOMIC RETURNS	L. Geetarani Devi, Ashwini Choudhary, Pooja Patel, Ujjwal Singh, Sibani Das, Chandan Tiwari, Priyanka Solanki and Pritam Roy	2750	2756
369	FERMENTATION BEHAVIOUR OF MAHUA BLENDED CALENDULA WINE MUST IN RELATION TO RATE OF FERMENTATION, FERMENTATION EFFICIENCY AND ETHANOL PRODUCTION	Aishwarya R. Ingole, Dalal S.R., Gupta N.S., Warade A.D., Mane S.S. and Mohammad Sajid	2757	2762
370	INFLUENCE OF LIQUID NUTRITION AND FOLIAR APPLICATION OF GROWTH SUBSTANCES ON SUCKER GROWTH PARAMETERS OF SMALL CARDAMOM ( <i>ELETTARIA CARDAMOMUM</i> MATON) CV. NJALLANI GREEN GOLD	Kirti N.D., Ravi C.S., Pramila C.K., Ganapathi M. and Bhoomika H.R.	2763	2771
371	IMPACT OF IRRIGATION WATER QUALITY ON SOIL PROPERTIES AND NUTRIENT STATUS OF MURAR BLOCK OF GWALIOR, MADHYA PRADESH, INDIA	Ashok Singh, Akhilesh Singh, Bhadoria S.S., Shashi S. Yadav and Priyadarshani Arun Khambalkar	2772	2777
372	ECO-FRIENDLY MANAGEMENT OF <i>COLLETOTRICHUM GLOEOSPORIODES</i> CAUSING MANGO ANTHRACNOSE	Wargane V.S., S.R. Potdukhe, G.V. Petkar, S.B. Bramhankar, S.T. Ingle, M.V. Totawar and A.K. Sadawarte	2778	2784
373	EFFECT OF MULBERRY LEAVES AS INFLUENCED BY HYDROGEL AND GRADED LEVELS OF FERTIGATION ON PERFORMANCE OF SILKWORM HYBRID (FC2 × FC1)	K. Ranganatha, K.G. Banuprakash, K.S. Vinoda, D.C. Hanumanthappa, K. Nisarga and K. Pramod	2785	2792
374	STUDY OF GENETIC VARIABILITY, HERITABILITY AND GENETIC ADVANCE FOR YIELD RELATED TRAITS IN BOTTLE GOURD ( <i>LAGENARIA SICERARIA</i> MOL. STANDL.)	Virendra Kumar, Anil Kumar, Pravesh Kumar, Vipin and Suraj Luthra	2793	2800
375	GENETIC ARCHITECTURE OF YIELD AND PROCESSING QUALITY TRAITS IN TOMATO: A CORRELATION AND PATH ANALYSIS APPROACH	Ramavath Ramesh Babu, Gautham Suresh S.P. and Malikireddy Jasmitha	2801	2809
376	SOCIO-ECONOMIC IMPACT AND ANALYSIS OF PRODUCTION AND CONSTRAINTS IN RAPESEED AND MUSTARD CULTIVATION: A STUDY FROM ASSAM, INDIA	Rajesh Kumar, Naina Goswami, Bhabna Talukdar, Munmi Boruah, Apurba Baruah, Shripad Bhat and Kadirvel Govindasamy	2810	2818
377	INFLUENCE OF SPACING AND FERTILIZER ON GROWTH, FLOWERING AND YIELD IN CHINA ASTER ( <i>CALLISTEPHUS CHINENSIS</i> L. NEES) VAR. KRISHNA PRABHA CHINMAYA	Aishwarya S. Jeevanagi, Shantappa Tirakannanvar, Sateesh R. Patil, Mukund Shiragur, Bapurayagouda B. Patil and Ashok	2819	2824
378	INTEGRATED MANAGEMENT OF BUD NECROSIS DISEASE OF WATERMELON	P.D. Patil, H.D. Pawar, V.P. Sawant and N.V. Mhaskar	2825	2829
379	EFFECT OF HERBICIDE AND STRAW MULCH APPLICATION ON WEED MANAGEMENT IN GREENGRAM	Tasiqul Islam, Shubhadip Kar, Ashim Kumar Dolai and Smritikana Sarkar	2830	2837
380	COST AND RETURN ANALYSIS OF WHEAT CROP UNDER SOLAR IRRIGATION IN UDAIPUR, RAJASTHAN, INDIA	Shivangi Upadhyay, Priyanka Yadav, Ashish Kumar, Sunil Kumar Jakhar and Rakesh Kumar Jakhar	2838	2844
381	EFFECT OF PRUNING TIME AND NITROGEN APPLICATION ON YIELD OF BER ( <i>ZIZIPHUS MAURITIANA</i> LAMK.)	P.V. Limbachiya, T.R. Ahlawat, S.L. Chawla, Bhamini Parekh and A.R. Jalandra	2845	2849
382	PHENOTYPIC SCREENING UNDER NATURAL INFECTION CONDITIONS IDENTIFIES OKRA GENOTYPES WITH RESISTANCE TO YELLOW VEIN MOSAIC VIRUS	Sandeep N., Dushyantha Kumar B.M. and Vishal Reddy	2850	2855
383	IMPACT OF TECHNOLOGY APPLICATION PROGRAMME (FLD) ON MANAGEMENT OF CHICKPEA POD BORER ( <i>HELICOVERPA ARMIGERA</i> HUBNER) UNDER CLIMATIC SCENARIO OF BUNDELKHAND INDIA	Chanchal Singh, S.P.S. Somavanshi, Mohd. Mustfa, Narendra Singh and N.K. Bajpai	2856	2860
384	SCREENING TRADITIONAL RICE VARIETIES OF KERALA FOR RESISTANCE TO BROWN PLANTHOPPER <i>NILAPARVATA LUGENS</i> (STAL)	Gopu Sushma, Madhu Subramanian, Mani Chellappan, Rose Mary Francies, Karthikeyan K., V. Jhansi Lakshmi and Tejaswee K.	2861	2867
385	COMPARATIVE NUTRITIONAL PROFILING OF <i>TRITICUM SPHAEROCCUM</i> AND <i>TRITICUM AESTIVUM</i> UNDER IRRIGATED AND DROUGHT CONDITIONS	Andhale G.R., Kulwal P.L. and Gaikwad K.B.	2868	2871
386	IMPLEMENTATION FEASIBILITY AND SUPPORT	B. Malathi, B. Devojee, T.R. Sahoo, A.R.	2872	2880

S. No.	TITLE	AUTHOR	PAGE NO.	
	MECHANISMS FOR SCALING CLIMATE SMART AGRICULTURE INTERVENTIONS ACROSS DIFFERENT AGRO-ECOLOGICAL REGIONS IN INDIA	Reddy, J.V. Prasad and Shaik N. Meera		
387	INFLUENCE OF NANO UREA AND NANO DAP ON NUTRIENT UPTAKE IN <i>RABI</i> MAIZE UNDER IRRIGATED CONDITIONS	Sadanand Bheemaray Pujari, Gurubasavaswamy B. M., Bhagyashree, K. S. Somashekar and Varsha C.	2881	2886
388	UNLOCKING THE POTENTIAL OF SPRING MAIZE ( <i>ZEA MAYS</i> L.) THROUGH THE RESIDUAL EFFECTS OF POLYHALITE APPLIED TO POTATO ON SUBSEQUENT YIELDS, N P K S AVAILABILITY AND NUTRIENT UPTAKE	Shekhar Singh, U.P. Shahi, B.P. Dhyani, S.P. Singh, Vivek, Ashutosh Kumar Rai, and Sudhir Kumar Singh	2887	2893
389	GENETIC VARIABILITY, HERITABILITY AND GENETIC ADVANCE FOR DIFFERENT CHARACTERS IN WHEAT ( <i>TRITICUM AESTIVUM</i> L.)	Prakrati Saraswat, Sachchidanand Tripathi, Alok Kumar Singh, Anuj Shakya, Vishal Singh and Neeraj Singh,	2894	2897
390	GROUND WATER MANAGEMENT AND ITS CONSERVATION: NEED OF THE HOURS IN RAINFED AREAS	Nafeesh Muhammad, Krishnanand Yadav, Deo Kumar, Anurag Mishra, Neha Kumari, Raj Sharma, Saniya Syed, Bhoomika Gupta and PradumanTyagi	2898	2904
391	ROLE OF WEATHER FACTORS ON ANTHRACNOSE OF GRAPE	Mohammad Gouse M., Gowdar S. B., Amaresh Y. S., Aswathanarayana D. S. and Pampanna Y.	2905	2912
392	GENETIC INHERITANCE PATTERNS OF MALE STERILITY SYSTEMS IN MARIGOLD ( <i>TARGETES ERECTA</i> L.)	Veeresh, Tejaswini P., Rajiv Kumar, Usha Bharathi T., Hima Bindu K., Venugopalan R., R.H. Laxman and Venkata Rami Reddy P.	2913	2918
393	EFFECT OF NANO-UREA AND FERTILIZER DEEP PLACEMENT ON GROWTH AND YIELD OF WET DIRECT SEEDED RICE	Chereddy Maheshwara Reddy, Kalyan Pathak, Mrinal Saikia, Bhabesh Gogoi and Anjan Sharma	2919	2926
394	STUDIES ON GENE ACTION FOR GROWTH AND YIELD ATTRIBUTE TRAITS IN PARENTAL LINES AND THEIR F <sub>1</sub> HYBRIDS UNDER AYODHYA REGION IN PUMPKIN ( <i>CUCURBITA MOSCHATA</i> DUCH. EX. POIR.)	Lalu Prasad, C.N. Ram, Anil Kumar, Yamini Thakur, Varsha Dhurve, Suraj Prakash and Rakesh Kumar	2927	2938
395	ASSESSMENT OF VARIABILITY AND CHARACTER ASSOCIATION IN URDBEAN ( <i>VIGNA MUNGO</i> L. HEPPEP) GENOTYPES	Yash Nagar, Khajan Singh, Bhuri Singh, Rajesh Kumar, Sourabh Parashar and Abhishek Bairwa	2939	2945
396	ISOLATION, IDENTIFICATION AND PATHOGENICITY STUDIES OF <i>SCLEROTIUM ROLFSII</i> SACC. CAUSING COLLAR ROT DISEASE OF CHICKPEA	Tejaswini S. Godhavale, S.B. Latake, A.D. Lokhande, V.S. Shinde, S.V. Kolase and A.V. Suryawanshi	2946	2951
397	AVAILABLE MICRONUTRIENTS STATUS IN RELATION TO SOIL PROPERTIES IN NEW ALLUVIAL ZONE OF WEST BENGAL INDIA	Samim S. K., Haripada Mondal, Dipak Uttamrao Pakhre, Manik Chandra Kundu, Arup Sen and Dishani Das	2952	2961
398	GENETIC VARIABILITY AND CORRELATION ANALYSIS FOR YIELD, YIELD ATTRIBUTES AND QUALITY TRAITS IN TOMATO ( <i>SOLANUM LYCOPERSICUM</i> L.)	Surbhi Kumari, Usha Shukla, Dipayan Sarkar, Manoj Kumar Bundela and Simran Priya	2962	2967
399	EFFECT OF MICROBIAL ENRICHED COMPOSTS ON GROWTH AND YIELD ATTRIBUTING PARAMETERS OF WHEAT-FODDER MAIZE SEQUENCE IN INCEPTISOL	Nikita B. Gorde, Ritu S. Thakare, V.S. Patil, S. R. Shelke, B. M. Kamble and M.R. Patil	2968	2975
400	A CLOUD-BASED DIGITAL PLATFORM FOR DISSEMINATION OF MANGO CULTIVATION AND MANAGEMENT PRACTICES	Reena Rosy Thomas and M.K Chandra Prakash	2976	2980
401	SUSTAINABLE CULTIVATION OF <i>PLEUROTUS FLORIDA</i> USING CAMPUS-DERIVED AGRO-WASTES: A COMPARATIVE STUDY WITH PADDY STRAW	S. Chandraprakash, C. Selvakumar, A. Sri Maadhangi, T. S. Savitha, R. Sindhuja, M. Sowntharya, J. S. Sreelekshmi, M. Srinivasan and B. Muthuraja	2981	2985
402	MORPHOLOGICAL CHARACTERIZATION OF INTERVARIETAL GUAVA ( <i>PSIDIUM GUAJAVA</i> L.) PROGENIES BASED ON TREE, LEAF, AND SHOOT TRAITS	Megha M., Vasugi C., Anuradha Sane, Kanupriya C. and Hima Bindu K.	2986	2989
403	GENETIC VARIABILITY, HERITABILITY AND GENETIC ADVANCE FOR GROWTH AND RHIZOME YIELD TRAITS IN <i>CURCUMA CAESIA</i> ROXB	Mohan Kumar A.B., Rajath H.P., Yogesh G.S., Pampangouda B. and Shruthi M.K.	2990	3001
404	STATUS AND DISTRIBUTION OF TWISTER DISEASE IN MAJOR ONION GROWING DISTRICTS OF KARNATAKA INDIA	Manikchandra P., Amaresh Y. S., Yenjerappa S. T., Gowdar S. B., Arunkumar H. and Pampanna Y.	3002	3012
405	CORRELATION ANALYSIS OF TEXTURE, PHYSICO-CHEMICAL PROPERTIES AND NUTRIENT AVAILABILITY IN BLACK COTTON-GROWING SOILS OF NAGARKURNOOL DISTRICT TELANGANA INDIA	K. Navya, A. Madhavi, T. Prabhakar Reddy, P. Leela Rani and D. Srinivasa Chary	3013	3020
406	BIO-EFFICACY OF NEWER INSECTICIDES AGAINST BLISTER BEETLE AND POD SUCKING BUG IN	Raj Kishor Yadav, Devendra Kumar Yadav, Aditya Kumar Sharma,	3021	3025

S. No.	TITLE	AUTHOR	PAGE NO.	
	PIGEONPEA ( <i>CAJANUS CAJAN</i> L. MILLSP.)	Shailendra Kumar Mishra and Ankit Kumar		
407	IMPACT OF INTEGRATED ORGANIC AND INORGANIC NUTRIENT SOURCES ON GROWTH PERFORMANCE, YIELD POTENTIAL AND ECONOMIC VIABILITY OF SPINACH ( <i>SPINACIA OLERACEA</i> L.) IN AN INCEPTISOL OF PRAYAGRAJ, UTTAR PRADESH, INDIA	Indar Raj Naga, Tarence Thomas, Renu Jayant and Ranjith Kumar Sahu	3026	3031
408	CARBON SEQUESTRATION THROUGH VEGETABLE CROPS – TOOL FOR RESILIENT FARMING	Madhu Rani, Puja Behera, Mannem Hempurnasai, Gurram Lavanya and Nilanjana Datta	3032	3038
409	INTEGRATED NUTRIENT STRATEGIES FOR SUSTAINABLE CULTIVATION OF MANGO CV. BANGANPALLI	Prabhavathi K. and Bhagwan A.	3039	3043
410	LAND DEGRADATION STUDIES IN YADAWAD, HUKKERI AND KHANAPUR MICRO-WATERSHEDS IN AGRO-CLIMATIC ZONE 3 (NORTHERN DRY ZONE), ZONE 8 (NORTHERN TRANSITIONAL ZONE), AND ZONE 9 (HILLY ZONE) OF BELGAUM DISTRICT, KARNATAKA, INDIA	K. Prabhavathi and G.S. Dasog	3044	3050
411	EFFECT OF PHOSPHORUS-SULPHUR LEVELS AND ZINC-BORON APPLICATION ON GROWTH AND YIELD OF BLACK GRAM ( <i>VIGNA MUNGO</i> L.)	Rohit Kumar Jaiswal, Suresh Kumar, Abhijeet Maurya, Gaurav Kumar, Shivalika, Vishnu D. Rajput, Sateesh Yadav, Mayank Kumar, Anurag and Abhishek Kumar Yadav	3051	3059
412	ESTIMATION OF GENETIC VARIABILITY, HERITABILITY AND GENETIC ADVANCE IN RICE ( <i>ORYZA SATIVA</i> L.)	Sachin Yadav, Pandurang Arsode, Devesh Yadav, Pradyum Maurya, Kirti Singh, Alka Jaiswal, Suraj Gopal Muttepar and Abhishek Kumar Yadav	3060	3065
413	ANTAGONISTIC POTENTIAL OF <i>TRICHODERMA</i> SPP. AGAINST <i>CERATOCYSTIS FIMBRIATA</i> CAUSING WILT OF POMEGRANATE	Petkar G.V., R. W. Ingle, V. S. Wargane, M. V. Totawar, S. B. Brahmankar, S. T. Ingle and N. S. Satpute	3066	3073
414	MOLECULAR PATHWAYS OF LIGHT PERCEPTION IN PLANTS AND THEIR MICROBIOTA: A REVIEW	Vasundhra Negi, Kumud Jarial, R.S Jarial, Akshay Rana, Kajal and Nikhil Chauhan	3074	3083
415	LINKING HERITAGE AND INNOVATION THROUGH GEOGRAPHICAL INDICATIONS AND FARMERS' VARIETIES FOR A SUSTAINABLE HORTICULTURAL FUTURE: A REVIEW	T.K. Nagarathna	3084	3088
416	CLUSTER ANALYSIS OF COWPEA GENOTYPES BASED ON YIELD AND COMPONENT TRAITS	Gangadhara Doggalli, Sanjeev K. Deshpande, B.R. Patil, S. A. Ashtaputre and M.G. Hegde	3089	3095
417	BASE FLOW SEPARATION BY CHOW METHOD	Sudhir Lad, Ravindra Bansod, Bhaupatil Gavit, Sachin Nandgude , Shailendra Gadge and Mahesh Patil	3096	3116
418	DEVELOPMENT AND RECLASSIFICATION OF WATER ACCOUNTING LAND USE (WALU) MAPS FOR BHIMA LOWER SUBBASIN, KARNATAKA INDIA	Shwetha G., Srinivasa Reddy, Shirahatti M. S., Maheshwara Babu, Mallikarjuna M. D., Ajayakumar M. Y. and Santhosh C. P.	3117	3124
419	EFFECT OF MOISTURE REGIMES AND GYPSUM LEVELS ON GROWTH, SOIL MOISTURE, WATER USE EFFICIENCY AND ECONOMICS OF <i>RABI</i> GROUNDNUT ( <i>ARACHIS HYPOGAEA</i> L.)	S. Kavya, R. Susheela, K. Charan Teja and A. Madhavi	3125	3130
420	GENETIC VARIABILITY ANALYSIS FOR YIELD AND RELATED TRAITS IN WHEAT ( <i>TRITICUM AESTIVUM</i> L.) MUTANT GENOTYPES	Namrata Dwivedi, Sushma Tiwari, Suman Bakshi, Dinkar, Vipin Mathankar, Sachin Uikey and Vimlesh Shakya	3131	3136
421	EVALUATION OF GENETIC PARAMETERS FOR YIELD AND YIELD CONTRIBUTING TRAITS IN BLACKGRAM ( <i>VIGNA MUNGO</i> L. HEPPER)	Namrata Dwivedi and Lekharam	3137	3141
422	EFFECT OF ROOTING HORMONE AND MEDIA ON GROWTH AND DEVELOPMENT IN HARDWOOD STEM CUTTINGS OF WATER APPLE ( <i>SYZYGIUM AQUEUM</i> BRUM. F. ALSTON) UNDER SHADENET CONDITIONS	B. Viniitha, B. Prasanna Kumar, E. Rekha and Uma Krishna	3142	3156
423	IMPACT OF ORGANIC AND INORGANIC MULCHES ON SOIL ATTRIBUTES OF AFRICAN MARIGOLD ( <i>TARGETES ERECTA</i> L.) FIELD UNDER SEMI-ARID CONDITION OF BUNDELKHAND REGION OF INDIA	Amit Kumar Maurya, Ajay Kumar Singh, Rakesh Kumar, Arbind Kumar Gupta, Vaishali Gangwar, Amit Kanawjia, Piyush Singh and Nikita Maurya	3157	3164
424	NATURE OF GENE ACTION GOVERNING PHYSIOLOGICAL, NUTRITIONAL TRAITS AND GRAIN YIELD IN PEARL MILLET ( <i>PENNISETUM GLAUCUM</i> L.)	P. Lakshmi Jyothika and N. Sabitha	3165	3169
425	EFFECTS OF ORGANIC NUTRIENTS AND BIO-STIMULANTS ON AFRICAN MARIGOLD ( <i>TARGETES</i>	Rohan Kundu, Adarsh Thapa, Amit Lohar, Sangeet Chettri and Abid Hayat	3170	3174

S. No.	TITLE	AUTHOR	PAGE NO.	
	<i>ERECTA</i> L.) UNDER RED LATERITIC SOIL OF WEST BENGAL INDIA			
426	ASSESSMENT OF MORPHOLOGICAL TRAITS AND YIELD POTENTIAL IN WHITE ONION GENOTYPES GROWN DURING <i>KHARIF</i>	Manisha S. Jadhav, B. T. Patil, Hem Raj Bhandari and Yogesh P. Khade	3175	3181
427	MANGO INTEGRATED FARMING SYSTEMS – AN ECO-FRIENDLY APPROACH FOR SUSTAINABLE PRODUCTION AND CLIMATE RESILIENCE	K. Radha Rani	3182	3188
428	<i>IN VITRO</i> PROPAGATION IN TURMERIC	P.S. Bhagiya, G.M. Waghmare, A.T. Daunde, J.S. Lahade and Y.P. Petkule	3189	3201
429	IMPACT OF INTEGRATED NUTRIENTS MANAGEMENT ON GROWTH AND YIELD OF WHEAT ( <i>TRITICUM AESTIVUM</i> L.) IN ORGANIC FARMING SYSTEM	Aman Saini, Narendra Kumar Bhinda, Deepak Sharma, Rakesh Kumar, Jyotsna Dayma, Pushpendra Kumar Dhakad, Bharti Yadav and Sagar Saini	3202	3208
430	AGRO-MORPHOLOGICAL CHARACTERIZATION OF RICE ( <i>ORYZA SATIVA</i> L.) GENOTYPES BASED ON DUS DESCRIPTORS	Aparna Tandon, Bhawana Sharma, Mangla Parikh and Ritu Ravi Saxena	3209	3220
431	ASSESSMENT OF GENETIC VARIABILITY AND YIELD-CONTRIBUTING TRAITS IN BREAD WHEAT ( <i>TRITICUM AESTIVUM</i> L.)	Yuvaraj S., Anirban Maji, Parimala G. and Balla Lohitha	3221	3229
432	COLD PLASMA: AN ECO-FRIENDLY SEED TREATMENT FOR MANAGING <i>HELMINTHOSPORIUM ORYZAE</i> AND ENHANCING SEED PERFORMANCE IN RICE	V. Sudhakar, P. Jagan Mohan Rao, P. Sujatha and M. Madhavi	3230	3240
433	TRANSFORMING CORMELS TO FLOWERING GRADE CORM THROUGH EFFICIENT FOLIAR NITROGEN MANAGEMENT IN <i>GLADIOLUS</i>	Tanya Thakur, K.K. Dhatt and Arushi Garg	3241	3246
434	GENETIC VARIABILITY, HERITABILITY AND GENETIC ADVANCE IN RICE GENOTYPES	T. Ramakrishna, L. Krishna, Y. Chandramohan, M. Bharath Kumar and D. Saida Naik	3247	3252
435	FORMULATION STRATEGIES TO ENHANCE SHELF LIFE AND BIO-EFFICACY OF <i>TRICHODERMA ASPERELLUM</i> FOR SUSTAINABLE MANAGEMENT OF CHICKPEA WILT	R.J. Choudhari, R.M. Gade, M.V. Totawar, S.S. Bramhnkar, S.T. Ingle and Y.V. Ingle	3253	3262
436	GENOME EDITING TECHNOLOGIES IN PLANT BREEDING: SCIENTIFIC FOUNDATIONS AND BREEDING APPLICATIONS	Nishat Perveen, Ehsas Pachauri, Bhavani, Afsar Ahmad, Pankaj Kumar, Jagdeep Singh, Priyanka Kumari, Debolina Sinha, Ashwani Kumar Singh and Sachin Kashyap <sup>0</sup>	3263	3279
437	SEMIOCHEMICALS MEDIATED INSECT PLANT INTERACTIONS: CHEMICAL SIGNALS, TRANSDUCTION MECHANISMS AND BEHAVIORAL ECOLOGY	Sumit Mehla, Sneha Katherine, Ravi Singh, Snehamadhuri Dorishetti, Bhaswati Saikia, Ashwani Kumar Singh, Sahil G. Shamkuwar, Dipanjali Bag, Jyoti Gawaria, and Deepika Sorahia	3280	3296
438	SEED DETERIORATION IN PEARL MILLET: CHANGES IN GERMINATION, VIGOUR AND ANTIOXIDANT ENZYME ACTIVITY DURING STORAGE	Nomula Saritha, Sooganna, P. Sujatha, R. Venkateswarlu and K. Lakshmiprasanna	3297	3302
439	GENETIC DIVERGENCE ANALYSIS IN RELATION TO WHEAT ( <i>TRITICUM AESTIVUM</i> L.) BREEDING PROGRAMME UNDER HEAT STRESS ENVIRONMENT	Amrita Sharma, Vishwanath Kumar, Arpita Atul Chaudhari, Bhushan Umesh Jadhao, Satyam Sanjay Ingle, Kshitij Sanjay Shahare, R.K. Patel, Shashank Srivastav, Upasana Singh and Lokesh Pratap Narayan Chandel	3303	3308
440	ESTIMATION ON GENETIC VARIABILITY, HERITABILITY AND GENETIC ADVANCE AND ITS YIELD ATTRIBUTING CHARACTERS IN LINSEED ( <i>LINUM USITATISSIMUM</i> L.)	Arpita Atul Chaudhari, Vishwanath Kumar, R. K. Patel, Sanjeev Kumar, Amrita Sharma, Bhushan Umesh Jadhao, Satyam Sanjay Ingle, Upasana Singh and Kshitij Sanjay Shahare	3309	3312
441	GENETIC DIVERGENCE AND CLUSTER FOR YIELD CONTRIBUTING CHARACTER IN INDIAN MUSTARD ( <i>BRASSICA JUNCEA</i> L.) USING D <sup>2</sup> ANALYSIS	Satyam Sanjay Ingle, Vishwanath Kumar, Sanjeev Kumar, Kshitij Sanjay Shahare, Amrita Sharma, BhushanUmesh Jadhao, Arpita Atul Chaudhari, R.K. Patel	3313	3316
442	IMPROVING KNOL-KHOL ( <i>BRASSICA OLERACEA</i> VAR. <i>GONGYLODES</i> L.) PRODUCTIVITY: A STUDY ON SULPHUR LEVELS AND PLANT SPACING INTERACTIONS	Satish Kumar, Rakesh Kumar, Deepak Sharma, Jyotsna Dayma, Narendra Kumar Bhinda, Pushpendra Kumar Dhakad and Bharti Yadav	3317	3323
443	CORRELATION STUDIES FOR GROWTH AND YIELD ATTRIBUTING TRAITS IN SPONGE GOURD ( <i>LUFFA CYLINDRICAL</i> L. ROEM)	S. Reddy Veera Nagaveni, B.P. Bisen, Rajani Bisen, Swati Barche and Anil Chauhan	3324	3328
444	<i>IN-SITU</i> INCORPORATION OF COTTON CROP RESIDUE INTO SOIL TO IMPROVE YIELD OF	Kasbe Sudhanshu Sudhakar, Musapuri Sampath Kumar and D. Veeranna	3329	3332

S. No.	TITLE	AUTHOR	PAGE NO.	
	SUCCEEDING COTTON CROP-IMPACT THROUGH FRONTLINE DEMONSTRATIONS			
445	DIVERSITY OF SHORT HORNED GRASSHOPPER FAUNA IN THREE DIFFERENT ZONES OF TELANGANA, INDIA	Shiva Kumar V., Umamaheswari T., Bhavana Dori and Shivaram Upparapalli	3333	3338
446	EFFECT OF STAGGERED PLANTING AND DIFFERENT FERTILIZER DOSE ON INCIDENCE OF BLAST DISEASE AND GRAIN YIELD OF PADDY UNDER CAUVERY COMMAND AREA OF MANDYA DISTRICT OF KARNATAKA, INDIA	Pavithra S., Rekha B., Atifa Munawerry and Mahesh H.M.	3339	3343
447	STUDIES ON BIOLOGY OF RUGOSE SPIRALLING WHITEFLY (RSW), <i>ALEURODICUS RUGIOPERCULATUS</i> MARTIN (HEMIPTERA: STERNORRHYNCHA: ALEYRODIDAE) ON OIL PALM	Shiva Kumar V., Sonkamble M.M., Neharkar P.S., Vaishnavi Wagh, Shivaram U. and Dipak S.G.	3344	3347
448	GENERATION MEAN ANALYSIS IN OKRA ( <i>ABELMOSCHUS ESCULENTUS</i> L. MOENCH)	S. Kumar, S.K. Vishwakarma, Ashwani Kumar and M. K. Yadav	3348	3353
449	EFFECT OF NIPPING AND GROWTH RETARDANTS ON TENDRIL MANAGEMENT, GROWTH DYNAMICS AND CANOPY DEVELOPMENT IN COWPEA ( <i>VIGNA UNGUICULATA</i> )	Nabuma Ustad, M. Shivaprasad, Honnappa H.M., Shilpashree Y.P. and Ganapathi M.	3354	3361
450	IMPACT OF FOLIAR NUTRITION ON PHENOLOGICAL, MORPHOLOGICAL AND YIELD ATTRIBUTING CHARACTERS IN LENTIL	Madhan Kumar A. and Amitava Dutta	3362	3367
451	BIOCHEMICAL ACTIVITIES AND MICROBIAL POPULATION IN SOIL AS INFLUENCED BY PGPR INOCULATION IN A VERTISOL	Sunita Baghel, R.K. Sahu, F.C. Amule, Y.M. Sharma and Vikash	3368	3374
452	STUDY ON ESTIMATION OF HETEROSIS FOR HYBRIDS DERIVED DOUBLE HAPLOID (DH) LINES IN MAIZE ( <i>ZEA MAYS</i> L.)	Sai Deekshith G., Shekar G. C., Prakash H. Kuchanur, H. C. Sowmya, Dayanand G. Satihal and Hasan Khan	3375	3385
453	ASSOCIATION STUDIES IN F <sub>2</sub> SEGREGATING POPULATION OF PIGEON PEA ( <i>CAJANUS CAJAN</i> L. MILL SP.)	Shivang Sharma, Mayuri Sahu and Nirmodh Prabha	3386	3391
454	EFFECT OF ORGANIC, NATURAL AND INTENSIFICATION OF NATURAL FARMING PRACTICES WITH FOLIAR APPLICATION OF LIQUID ORGANIC MANURES (LOM'S) ON GROWTH AND PRODUCTIVITY OF SOYBEAN ( <i>GLYCINE MAX</i> )	P. Swathi, C. P. Chandrashekara, B. N. Aravinda Kumar, Shashikant Shidappa Udikeri and Shripad Kulkarni	3392	3399
455	ASSESSMENT OF TRAINING AND DEMONSTRATION IMPACT ON FARMERS' KNOWLEDGE OF FARM MACHINERY ADOPTION IN ASSAM INDIA	L.S. Singh and Alpna Das	3400	3406
456	TRAIT BASED BREEDING STRATEGIES FOR ENHANCING GRAIN YIELD AND NUTRITIONAL TRAITS IN FOXTAIL MILLET ( <i>SETARIA ITALICA</i> L. P. BEAUV)	Bhavani Saiesha Chalapaathi, N. Sabitha, R. Narasimhulu and K.V.N Madhuri	3407	3413
457	REVIEW OF FLOOD INUNDATION MAPPING AND FLOOD-PRONE ZONE ASSESSMENT USING DEM AND RAINFALL DATA: A CASE STUDY APPROACH FROM BANDA DISTRICT, BUNDELKHAND REGION OF INDIA	Krishnanand Yadav, Raghvendra Kumar Kushwaha, Deo Kumar, Arpit Yadav, Anurag Mishra, Neha Yadav and Bhoomika Gupta	3414	3423
458	INTEGRATED APPROACH FOR EXTENDING SHELF LIFE OF ACID LIME ( <i>CITRUS AURANTIFOLIA</i> SWINGLE)	Bindu Kurthakoti, M. D. Jameel Jhalegar, Sateesh Pattepur, Viresh Mallayya Hiremath, Noorulla Haveri and Ramesh	3424	3431