

ASIAN JOURNAL OF MICROBIOLOGY, BIOTECHNOLOGY AND ENVIRONMENTAL SCIENCES

VOL. 25 (3) : 2023

CONTENTS

- 399–403 ARTIFICIAL INSEMINATION IN DEEP INTRACORNIAL FIXED TIME IN BOVINE
—CÍCERO ANTÔNIO SOBREIRA FIDÉLIS¹, FRANCISCA ELDA FERREIRA DIAS, ANA KELEN FELIPE LIMA, TÂNIA VASCONCELOS CAVALCANTE, SAMARA ROCHA GALVÃO, LEONARDO ALVES LOPES, MARCOS FERREIRA DA SILVA, WEDER FERREIRA DOS SANTOS, LAYANNI FERREIRA SODRÉ SANTOS, JOENES MUCCI PELUZIO AND ANTÔNIO HENRIQUE CAMILO RIBEIRO
- 404–407 MODIFICATION IN A PROTOTYPE FOR PEANUT DECORTICATOR FABRICATED IN SHUATS
—GARGI SHEKHAR, HAPPY NARANG AND D.C. SHARASWAT
- 408–413 UTILIZATION OF AROMATIC JACKFRUIT SEED FLOUR FOR THE DEVELOPMENT OF FUNCTIONAL COOKIES
—K. HIBA AND P.R. GEETHA LEKSHMI
- 414–417 CPTS SELECTION AND PROGENY TESTING IN *MELIA COMPOSITA*
—VISHAL JOHAR, VIKRAM SINGH, PATIL NIRMAL SUNIL AND PRAGYAN RAI
- 418–421 EFFECT OF WHEAT BRAN AND GRAM FLOUR ON YIELD AND BIOLOGICAL EFFICIENCY OF WHITE OYSTER MUSHROOM [*PLEUROTUS FLORIDA* (MONT.) SINGER]
—RUCHI KUMARI, SHIV KUMAR YADAV AND ABHILASHA A. LAL
- 422–428 EFFECTS OF FEEDING A1 AND A2 COW MILK-BASED DIET ON BIOCHEMICAL PARAMETERS IN DIABETIC MICE MODEL
—VIPUL CHAUDHARY, MANISHI MUKESH, VISHAL SHARMA, GAURAV BHAKRI, PAMELA SINGH, SHELESH KUMAR, PREETI SWAMI, PRINCE VIVEK, RANJIT S. KATARIA, SAKET KUMAR NIRANJAN, ASHOK KUMAR MOHANTY AND MONIKA SODHI
- 429–433 EVALUATION OF GROWTH AND YIELD POTENTIAL OF CUCUMBER (*CUCUMIS SATIVUS* L.) VARIETIES UNDER VALLEY CONDITION OF GARHWAL HILLS
—GOVIND RAM CHOUDHARY, D.K. RANA, MANISH KUMAR, ARCHANA MAHIDA AND ROHIT KUMAR KHARRA
- 434–438 ESTIMATION OF GENETIC PARAMETERS OF *PONGAMIA PINNATA* L. SEEDLINGS IN NURSERY
—VENNILA S, S. KALA AND C. CINTHIA FERNANDEZ
- 439–447 FACTORS INFLUENCING MILK PRODUCTION: AN EXPLORATORY STUDY OF KEY DRIVERS AND TRENDS
—ALOK K. WANKAR, SANDEEP N RINDHE, PRAKASH M. KEKAN, ALOK MISHRA, NANDKUMAR S. DOJAD AND AKHILESH SHEWALE
- 448–462 REVIEW ON GRAFTING STATUS OF SOLANACEOUS VEGETABLES IN INDIA
—PALANISAMY KARTHIGA, ALAGARSAMY RAMESH KUMAR AND SUNDARESAN SRIVIGNESH
- 463–468 STUDIES ON SOIL PHYSICAL PROPERTIES AS AFFECTED BY CONSERVATION TILLAGE AND LAND MANAGEMENT PRACTICES IN DIFFERENT SEQUENCE CROPPING SYSTEMS UNDER RAINFED CONDITIONS
—P.S. PRABHAMANI, H. B. BABALAD, R.K. PATIL AND GEETHA SHIRNALLI
- 469–473 EFFECT OF NITROGEN DOSE ON GROWTH, DEVELOPMENT, PRODUCTIVITY AND NUTRIENT USE EFFICIENCY IN RICE (*ORYZA SATIVA* L.)-A REVIEW
—PRAVAMANJARI GIRI, NIROJ KUMAR JENA, BRAJKISHOR PRAJAPATI, KAMALAKANTA BEHERA, AMITA RANI PATRA AND SWAGATIKA SAHU
- 474–478 BASIC MORPHOMETRIC ANALYSIS OF WATERSHED OR RIVER BASIN USING GIS: A REVIEW
—K. N. SON DARVA, P. K. SHRIVASTAVA, P. S. JAYSWAL, A. P. LAKKAD AND V. A. PATEL
- 479–483 SENSITIVITY OF THE BACTERIA AGAINST THE LOW CONCENTRATION OF PESTICIDES AND HEAVY METALS
—JASMIN M. NADAF, A.M. NAVALE, A.P. KHANDEKAR AND P.S. CHOUGULE
- 484–490 STRUCTURAL VARIATION AND TRANSITIONAL ANALYSIS OF *EMBB* RECEPTOR WITH ITS MUTANTS LEADING TO DRUG RESISTANCE IN TUBERCULOSIS
—VAMIKA KARN, VARUN P. TALATI, SHASHANK S. KAMBLE AND VIRUPAKSHA A. BASTIKAR
- 491–494 INFORMATION NEED ANALYSIS OF DIABETICS – ADVOCACY THROUGH SHORT MESSAGE SERVICES (SMS)
—PRETTY RANI AND R. NEELA RANI
- 495–499 PROSPECTS OF FLORICULTURE IN INDIA: A REVIEW ANALYSIS WITH SPECIAL REFERENCE TO ARID AND SEMI ARID REGIONS
—ABHILASHA DEEPA MINZ AND SHIBA SUPRIYA DEMTA

- 500–504 INFLUENCE OF SIZE GRADING ON PHYSIOLOGICAL PARAMETERS IN CHICKPEA CV. BGD 103
—B.S. GANIGARA, BASAVE GOWDA, UMESH HIREMATH AND MARUTI K.
- 505–510 TRANSFORMING FARMERS AND FARMING BY ARTIFICIAL INTELLIGENCE IN AGRICULTURAL ENVIRONMENT
—SHEETANSHU GUPTA, DEEPAK MAURYA AND ALTAZ KUNTOJI
- 511–513 ECONOMIC ANALYSIS OF *AILANTHUS EXCELSA* BASED AGROFORESTRY SYSTEM
—RAJIB BAUL, VISHAL JOHAR, VIKRAM SINGH AND SHAHNOOR SINGH
- 514–519 CLONING, EXPRESSION AND BIOASSAY OF CRY 2AX PROTEIN WITH AND WITHOUT TAG IN *ESCHERICHIA COLI* AGAINST *HELICOVERPA ARMIGERA* AND *SPODOPTERA LITURA*
—M. JEYA BHARATHI, N. BALAKRISHNAN V. BALASUBRAMANI AND V. UDAYASURIYAN
- 520–528 SPEED OPTIMIZATION USING VARIABLE FREQUENCY DRIVE FITTED TO DHAN FOUNDATION DEHULLER
—P. HEMASANKARI, B. DAYAKAR RAO, E. SAI PRASANNA, VILAS. A. TONAPI AND R. KAILAPPAN AND B.C. SANGAPPA
- 529–534 RECENT STRATEGIES FOR MANAGEMENT OF BASAL STEM ROT DISEASE IN COCONUT WITH INFLUENCE OF BACTERIAL ENDOPHYTE *BACILLUS AMYLOLIQUEFACIENS*
—V. GOVARDHAN RAO, B. NEERAJA, N.B.V. CHALAPATHI RAO, A. KIREETI, V. ANOOSHA, G. KOTESWARAO, VINAYAK HEGDE, RAVI BHAT, KIRAN KUMAR K.C. AND B. SRINIVASULU
- 535–545 PATH ANALYSIS REVEALS LINKAGE BETWEEN PHOSPHORUS-UTILIZATION EFFICIENCY WITH STEM BIOMASS IN RICE
—B.B. BHATTA, R.K. PANDA, K.C. SAMAL, A. ANANDAN, R.K. NAYAK AND S. PANDA
- 546–550 INCIDENCE OF HOSPITAL ACQUIRED INFECTIONS TO ANIMALS FROM VETERINARY HOSPITALS
—VIJAY BHASKAR GAJULA, VIJAYA KUMAR A., JYOTHI J. AND KRISHNAIAH N.
- 551–556 ASSESSING THE BIOACTIVE CONSTITUENTS OF *DODONEA VISOSA* (VIRAALI) THROUGH GC-MS
—V. VISHNU PRIYA AND R. ANANDHAN
- 557–562 PROTECTED CULTIVATION OF FRUIT CROPS: OPPORTUNITIES AND CHALLENGES
—DEEPAK THORAT, VISHAL JOHAR, VIKRAM SINGH AND TANPURE PRATIK SAMBHAJI
- 563–568 EFFECT OF DIFFERENT WEATHER PARAMETERS ON BLAST DISEASE SEVERITY OF PEARL MILLET UNDER NORTH GUJARAT CONDITION
—D.H. CHAUDHARY, R.S. JAIMAN AND MAHESH M. CHAUDHARY
- 569–575 EVALUATION OF PHYSICO-CHEMICAL PROPERTIES OF *RIGATONI* PASTA ENRICHED WITH AMARANTH, RICE AND RAW BANANA
—SALUNKE SHIVAM G., GENITHA IMMANUEL AND RAUT KANCHAN R.
- 576–579 AN UPTICK IN GROWTH AND PRODUCE OF STRAWBERRY: IS NUTRITIONAL INTERMIXTURE A WAY FORWARD? A REVIEW
—ANJIL KUMAR, PAWAN KUMAR YADAV, ANKIT KUMAR RAI AND LOKESH K. DAS
- 580–589 DEVELOPMENT AND EVALUATION OF CROSS BREED HYBRIDS FOR *BMBDV* RESISTANCE THROUGH MOLECULAR MARKER ASSISTED SELECTION
—GUNDI RAGHAVENDAR, VANITHA C., K.S. TULSI NAIK, A. RAMESHA, MIHIR RABHA, RAVI KUMAR G., UPENDRA NONGTHOMBA AND K.M. PONNUVEL
- 590–595 DNA EXTRACTION OF *LACTOBACILLUS BULGARICUS* AND *STREPTOCOCCUS THERMOPHILUS* OBTAINED FROM SELECTED YOGHURTS, YOGOURMET AND SOY WARA BOUGHT FROM VARIOUS MARKETS IN SOUTH WESTERN NIGERIA
—OYEWALE, M.O., AYOADE F. AND OGUNLAJA A.
- 596–599 EFFECT OF DIFFERENT LEVELS OF YEAST ON JAMUN VINEGAR (*SYZYGIIUM CUMINI*) QUALITY ATTRIBUTES
—KANWAR SINGH, SAMIR E. TOPNO, VISHAL MALIK AND AASCHARYA PANDEY
- 600–605 EXPLORING THE MEDICINAL POTENTIAL OF PERIWINKLE (*CATHARANTHUS ROSEUS*): A COMPREHENSIVE REVIEW
—SURAVARAPU CHAKARAVARTHI, DEEPIKA SAHU, JITENDRA KUMAR SAHU, PAVAN RAJ, GARA SANJAY, CHERUKUCHERLA SURENDRA AND ADITI CHATTOPADHYAY
- 606–610 ROLE OF FNAC PROCEDURE IN A STUDY OF HEAD AND NECK LESIONS AT A TERTIARY CARE CENTER DHARPUR-PATAN
—SETAL CHAUHAN, KENA PATEL, BIMAL CHAUHAN, VARSHA KHANT AND ASHA GUNJALIA
- 611–615 EFFECT OF NITROGEN DOSE ON GROWTH, DEVELOPMENT, PRODUCTIVITY AND NUTRIENT USE EFFICIENCY IN RICE (*ORYZA SATIVA* L.) – A REVIEW
—PRAVAMANJARI GIRI, NIROJ KUMAR JENA, BRAJKISHOR PRAJAPATI, KAMALAKANTA BEHERA, AMITA RANI PATRA AND SWAGATIKA SAHU