PLANT ACHIEVES

Volume 20	Sup	plement 2	July – 2	020
TITLE		AUTHO	R	PAGE NO.
HEMATOLOGICAL STUDY OF SILYMARIN ON GLUTAMATE TOXICITY IN RABBITS	MONOSODIUM	Ahmed Nezar and Ahmed	d Husam Al-Deri	1-6
MOLECULAR DIAGNOSIS OF NEOSPORA CANIL TISSUES OF LOCAL BREED DOMESTICATED CHIC GALLUS DOMESTICUS) AT AL-FALLUJAH DISTRICT, II	CKENS (<i>GALLUS</i>	Ayoub Ibrahim Ali and I Ali Al-Rubaie		7-10
EFFECT OF ADDING α-LIPOIC ACID ON CRYOPRESERVED SEMEN CHARACTERISTICS OF HO		Sajeda Mahdi Eidan, Ali Amer Abd Sultan, Faris Talal Anwer Abdulkareen Lateef	Faisal Ibrahim and	11-16
MOULTING CYCLE RELATED CHANGES IN ANTIOXIDANTS GENES AND FEEDING RATES II PENAEIDAE SHRIMPS <i>METAPENAEUS AFFINIS</i> (H. N 1837)	IILNE EDWARDS,	Saba Anis Alhajee, Saj Entisar Sultan	ed S. Alnoor and	17-24
IDENTIFICATION OF <i>SARCOCYSTIS</i> SPP. IN IMPOTRADITIONAL AND MOLECULAR TECHNIQUE		Jinan Khalid Kamil and A	zhar Ali Faraj	25-36
EFFECT OF SPRYING AMINO ACIDS ON THE GROWT OF THE LEAVES DATURA PLANT GROWN DIFFERENT	T DISTANCES	Hiyam A. Mohammed and	•	37-44
EFFECT OF LED AND HALOGEN LIGHTS ON THE GROWT MICRO ALGAE AND SOME OF THEIR MEDICALLY ACTIVE SI		Hamida Ayal Maktof and Al-Asady		45-52
IMMUNIZATION OF EIMERIA TENELLA ANI PNEUMONIAE ANTIGENS EFFECTS ON SOME BLOC LOCAL BREED RABBITS	OD ENZYMES IN	Basil R.F. Razook, I Mahmood and Haider I Rubaie	Majid Mohammed Mohammed Ali Al-	53-57
EVALUATION OF THE MICROBIAL AND CHEMICA MAGNETIZED WATER, ALKALINE WATER AND COM LIQUEFACTION WATER		Aliaa Saadoon Abdul-Ra Yahya Kamal Al-Bayati	azaq Al- Faraji and	58-64
RESPONSE OF FREESIA (<i>FREESIA HYBRIDAA</i>) TO G AND FOLIAR SPRAY WITH MARINE ALGAE EXTRACT		Yazin Fadil Khalaf and A Mohammad Saeed		65-70
IMPACT OF PLANT GROWTH REGULATORS AND AC ON <i>GARDENIA JASMINOIDES</i> MICROPROPAGATION	DENINE SULFATE	Zaid Khaleel Kadhim, Nayyef, Hasanain Ali Ab Hasan Mousa Jaafar ar Abdulhussein	dulhussein Awadh, nd Muslim Abd Ali	71-75
TOXIC IMPACTS OF ZINC OXIDE NANOPARTIC ENZYMES AND RENAL FUNCTION	ALS ON LIVER	Shatha Q. AL Tamimi, and Ali A.A. ALAli	Sami J. AL. Maliki	76-80
PHYSIOCHEMICAL PROPERTIES OF THE PROCESSE	SENSORY AND D YOGURT	Sharaf Ali Hadi Al-Shaik Alhamid and Ammar Abd		81-90
PROPERTIES OF SOILS AFFECTED BY SALT TECHNIQUES OF REMOTE SENSING AND INFORMATION SYSTEMS IN BASRA GOVERNORATE	GEOGRAPHIC	Saadia M. Saleh, Salah M H. Dheyab	M.S. Al-atab and Ali	91-101
EFFECT OF ORGANIC RESIDUES ON THE SOI DISTRIBUTION FOR DIFFERENT INCUBATION PERIOD	OS	Hamza Kadhim Ebree Khalil Hassan AL-Sultani	sum and Ahmed	102-109
REVIEW ARTICLE: GLOBAL WARMING AND CLIN IMPACT ON BIODIVERSITY, PEST MANAGEMENT SECURITY		Ahmad M. Tariq		110-115
EFFECT OF BIOFERTILIZER AND CHITOSAN ON ME COMPOUNDS OF SALTY STRESSFUL VINCA PLANTS		Ahmed A. Kadhim, Al Sawsan A. Abdul-latif	nad A. Hadi and	116-125
STUDY OF THE GENDER RELATED COMP EXPERIMENTALLY INDUCED HYPERGLYCEMIA O PARAMETERS IN LOCAL RABBITS	N SOME VITAL	Ali Habeeb Jaber, Alaa Basim Hameed Abed Ali	Kamil Abdulla and	126-130
THE EFFECT OF ORGANIC RESIDUES AND POTASSIUM AND ZINC ON SOME GROWTH CHARACT YIELD OF POTATO		Noora Hade Najem, F Sahaf and Hussien Jawa		131-139
THE EFFECT OF FERTILIZATION WITH BORON AND SOME NATURAL AND FLOWERING TRAITS OF THE G		Baqer Challab Hadi Al-I Y. Khudair	Rubaye and Thaer	140-144
ASSESSMENT OF HEAVY METALS POLLUTION OF S SOILS TO INDUSTRIAL FACILITIES IN WASIT GOVERN		Bassim Hussein Farhan a Al-Joubory	and Hamid Hussain	145-156
THE RESPONSE OF BARLEY PLANT (LOCAL SPRAYING WITH TWO TYPES OF POTASSIUM FERTIL EFFECT ON SOME GROWTH TRAITS	CULTIVAR) FOR LIZER AND THEIR	Hamdiya Ali Atiyh and Toman	d Intisar Abdullah	157-160
EFFECT OF GRAFTING ON THE STIMULATE (LAGENARIA) AND FOLIAR SPRAY WITH A COPHOSPHORUS AND BORON ON THE GROWTH AND MEDICINAL PUMPKIN PLANT	OMBINATION OF O YIELD OF THE	Hiba Miaad Abdul Za Hussein Aneed Amrani	id Al-Fatlawi and	161-166
ANATOMICAL AND SOME MORPHOMETRICAL FEAT INTESTINE IN ADULT LOCAL SHEEP (OVIS ARIES) IN	IRAQ	Israa G. Hussein and Ahr		167-171
EFFECTS OF DEXAMETHASONE ON SOME HORMONES OF PREGNANT SHEEP	REPRODUCTIVE	Rwaida Adnan Ali, M Dakheel and Ibraheem A		172-175
STUDY OF THE ECOLOGICAL IMPACTS OF AI EMITTED FROM BRICK MANUFACTURING IN AL-SIN, GOVERNORATE, IRAQ		Ali Hussain Naji Al-Khat Basil Mahmoud	eeb and Mahmoud	176-181

TITLE	AUTHOR	PAGE NO.
EFFICACY OF CINNAMON (CINNAMOMUM ZEYLANICUM) EXTRACT IN REDUCING TOXICITY OF ASPERGILLUS NIGER ISOLATED FROM DRIED FIGS IN THE RAT BIO-SYSTEM	Buthina Fahim Nasir and Sadeq Mohammad Ali	182-188
IN VITRO EVALUATION OF ANTIBACTERIAL EFFECTS OF ZINC OXIDE NANOPARTICLES AND ANTIBIOTICS AGAINST MRSA	Saja Muhannad and Mais E. Ahmed	189-192
QUALITATIVE AND QUANTITATIVE PHYTOCHEMICAL ANALYSIS AND ANTIOXIDANT ACTIVITY OF <i>CURCUMA AMADA</i> ROXB: AN IMPORTANT MEDICINAL PLANT	Jiten Sutar, Kumari Monalisa, Kalidas Pati, Vijay Bahadur Singh Chauhan and Shashikanta Behera	193-196
STUDIES ON COMPOSITION AND COMPONENTS OF ASCOSPORES BELONGING TO ASCOMYCETS OVER SUNFLOWER FIELDS	G.M. Pathare	197-199
EXPERIMENTAL RESEARCHES OF THE MACHINE-TRACTOR FLEET WITH THE YAMZ-238 GASDIESEL ENGINE	A.A. H. Al-Maidi, D. A. Chernetsov, Yu. V. Rodionov, A.E. Lomovskikh, and N.V. Mikheev	200-207
EVALUATION OF HEALING EFFECT POTENCY OF RAW HONEY ON EXCISION WOUNDS IN ALBINO RAT MODEL	Ahmad Hassan Sahib, Maan Abdul Azeez Shafeeq And Salah Mahdi Mohsen	208-214
BENEFICIAL EFFECTS OF CHRYSIN AND GINGER ON BLOOD BIOCHEMICAL PARAMETERS, HEMATOLOGY AND IMMUNE RESPONSE OF BROILERS	Ali Sami Amin AL-Tawash, Tahseen Abood Suwaihi, Mahdi Saleh Mohammad and Ali Ahmed Mohsen	215-219
EFFECT OF THE SPRAY NOZZLE ON THE EFFICIENCY OF FOUR HERBICIDES ON CONTROL OF WEED COMPANIONED WITH TRITICUM AESTIVUM L.	Ibraheem Ahmed Hadi Al-Obadui and Adnan Hussein Al-Wagaa	220-224
INTEGRATION OF ALLELOPATHY AND LESS HERBICIDES EFFECT ON WEED MANAGEMENT IN FIELD CROPS AND SOIL BIOTA : A REVIEW	Ibrahim S. Alsaadawi, Abdul Khaliq and Muhammed Farooq	225-237
THE EFFECT OF ORGANIC RESIDUES AND SPRAYING OF POTASSIUM AND ZINC ON QUALITATIVE CHARACTERISTICS AND EFFECTIVENESS OF PEROXIDASE ENZYME IN POTATO	Noora Hade Najem, Fadhil Hussain Al- Sahaf and Hussien Jawad Albayati	238-245
THE ROLE OF POTASSIUM CHLORIDE IN REDUCING THE EFFECT OF SODIUM CHLORIDE ON GERMINATION AND ROOT GROWTH OF WHEAT (<i>TRITICUM AESTIVUM</i> L.)	Qasim H.A. Aljboori, A.V. Urovsky and A.S. Babenko	246-248
EVALUATION OF THE EFFECTIVENESS OF TREATMENTS FOR SANITIZING AGENTS FOR REMOVAL OF <i>LISTERIA MONOCYTOGENES</i> BIOFILM	Saba Talib Hashim, Saad Sabah Fakhry and Hadeel Hussein Alrubaye	249-255
ASSESSMENT OF HEAVY METAL POLLUTION OF INDUSTRIAL ZONES IN MOSUL CITY	Salim Rabee Znad and Mazin Nazar Al- Sinjary	256-263
ISOLATION AND DIAGNOSIS OF CONTAMINATED FUNGI FOR SOME LOCAL AND IMPORTED COSMETICS	Sulaf Hamid Taimooz	264-267
EFFECT OF CROP ROTATION AND FERTILIZATION OF SUGAR BEET ON THE FORMATION OF MAXIMUM BIOETHANOL YIELD	Tsvei Ya. P., Prysiazhniuk O.I. Horash O.S., Klymchuk O.V., Klymyshena R.I. and Shudrenko I.V.	268-274
PROBLEMS FACING GRADUATE STUDENTS IN THE PREPARATION OF SCIENTIFIC RESEARCH AT THE FACULTY OF AGRICULTURE AND FORESTRY UNIVERSITY OF MOSUL, IRAQ	Luma Monther Idress	275-281
ASSESSMENT OF THE INTEGRATED NUTRIENT MANAGEMENT EFFECTS ON YIELD ATTRIBUTES AND YIELD OF WHEAT CV. PBW-550	Anuj Kumar, Uma Shankar Tiwari, Vimlesh Kumar, Neeraj Kumar and Akhilesh Kumar Yadav	282-285
ANTIBACTERIAL EFFECT, ANTIOXIDANT POTENTIAL AND TOTAL PHENOLIC CONTENT OF POLYPHENOL EXTRACTS OF MYRTUS COMMUNIS LEAVES	Suheir M. Abdulhadi, Abdul Muhsin Shami and Maha M. Saleh	286-291
RESPONSE OF TOMATO LYCOPERSICON ESCUIENTUM MILL. AND SOIL MICROBIAL ACTIVITY TO GLOMUS MOSSEAE, TRICHODERMA HARZIANUM AND CHEMICAL FERTILIZATION	Salwan Al-Maliki and Hendrin Al-Helou	292-296
EFFECT OF ADDING DIFFERENT LEVELS OF ZINC ON THE PHYSICAL AND QUALITY CARCASS CHARACTERISTICS OF BROILER CHICKENS	Saja S. Al-Bayati and R.S. Al-Mahdawi	297-300
RESPONSE OF BELL PEPPER GROWTH AND YIELD OF "CALIFORNIA WONDER" VARIETY TO VARIOUS MEDIA AND PLANTING CONTAINER DIAMETERS UNDER PLASTIC HOUSE CONDITIONS	Nasser Jubair Radhi Alhasnawi, Ammar Sami Al-Bayati and Fouad Abbas Salman	301-305
THE EFFECT OF USING DIFFERENT DENSITIES OF REARING ON THE PRODUCTIVE PERFORMANCE OF ROSS 308 BROILER	Najeh Jabir Al-Shemery	306-310
CHANGES IN LEVELS OF SODIUM AND POTASSIUM IN SERUM OF NON-DIARRHEIC CALVES AS COMPARED TO THE LEVELS IN THE SERUM OF CALVES WITH UNDIFFERENTIATED DIARRHEA	Marwah Abdel Hassan Bedewi and Saleem Amin Hasso	311-312
DETERMINATION OF HEAVY METAL IN SAMPLES OF <i>TIRMANIA NIVEA</i> FUNGI IN DIFFERENT SOILS	Hasan A.Qazmooz, Muthik A. Guda, Jaafar B. Algburi, Sadiq K.L. Al-Zurfi and Thulfiqar Ali Al-Graiti	313-317
OCCURRENCE OF MYCOTOXINS (T.2 TOXIN) IN CEREALS AND CEREAL PRODUCTS AND THEIR DETECTION BY BIOASSAY IN BASRAH CITY, IRAQ	Salim H. Mohammed, Ghiyath H. Majeed and Sameer K. Abdullah	318-321
THE IMPORTANCE OF AGRICULTURAL EXTENSION RADIO PROGRAMS FOR FARMERS IN AL-QOSH, NINEVEH GOVERNORATE AND ITS RELATIONSHIP TO SOME VARIABLES	Wisam Yako Aziz Masso and Najim Aldeen Abdullah Saleem	322-327
EFFECT OF THIAMETHOXAM ON THE CHEMICAL COMPONENTS OF LYNGBYA AERUGINEA-COERULEA	Suaad H. Ali Al – Badri	328-330
A STUDY ABOUT SOME BIOLOGICAL ASPECTS OF INVASIVE MOLLY FISH "POECILIA LATIPINNA" (LESUEUR, 1821) IN SOUTHERN IRAQ	Mohammed Enad Ghazwan	331-335
THE USE OF ELECTRICAL STIMULATION TECHNIQUE TO INFLUENCE THE QUALITY AND QUANTITY OF ACCUMULATED FAT AND CHOLESTEROL IN DUCK MEAT	Majid H. Al-Asadi	336-340
	<u> </u>	

TITLE	AUTHOR	PAGE NO.
EVALUATION OF THE PROGENY TEST OF SOME PRODUCTIVE AND REPRODUCTIVE TRAITS OF THE BLACK AUSTRALORP CHICKEN STRAIN UNDER CONDITIONS OF SEMI-INTENSIVE HOUSING	Mahdi Saleh Mohammad, Omar Mardenli and Ali Sami Amin Altawash	341-346
IMPACT OF OSMOTIC STRESS PEG AND SUCROSE ON CALLUS GROWTH AND ADVENTITIOUS MICRO SHOOTS REGENERATION OF (CHRYSANTHEMUM HORTORUM HORT. CV. DWARF) IN IN VITRO CONDITION	Huda A.A. Al-Taha and Lamiaa H.M. Mazine	347-352
MOLECULAR DIAGNOSIS OF IXODIDAE FROM CANIDAE IN IRAQ	Hind Dyia Hadi, Afkar Muslim Hadi and Suhad Y. Jassim	353-357
THE EFFECT OF USING GYNURA PROCUMBENS LEAF POWDER ON BIOCHEMICAL TRAITS AND ANTIOXIDANT STATUS OF BROILER CHICKENS ROSS308	Keldran Nooruldeen Hasan and Ammar Qahtan Shanoon	358-360
EFFECT OF THE USE OF DIFFERENT LEVELS OF GYNURA PROCUMBENS LEAF POWDER ON THE PRODUCTIVE QUALITIES OF ISA BROWN WHITE CHICKEN	Esraa Caesar Faris, Ammar Qahtan Shanoon and Rashid H. Hameed AL-Dalawi	361-365
CURRENT SITUATION AND OUTLOOK OF FOREIGN AGRICULTURAL TRADE BETWEEN EGYPT AND MAIN INTERNATIONAL BLOCKS	Afaf Z. Othman and Rania. M. Barghash	366-371
ADSORPTIVE REMOVAL OF METHYLENE BLUE (MB) FROM WATER USING CARBON NANOPARTICLES PREPARED FROM DATE PITS	Maha S. Elsayed, Sherif F. Elsharabasy and Elwy A. Mohamed	372-377
SEROPREVALENCE OF BANG'S DISEASE IN SOME BOVINES SLAUGHTERED INSIDE AND OUTSIDE ABATTOIRS IN GIZA GOVERNORATE, EGYPT	Mona I. Khalil, Hassan M. Sobhy, Ibrahim G.I., El-Garhy M.S. and Mikhail W.Z.A.	378-384
BIOCHEMICAL COMPOSITION OF EGGPLANT AND ITS CHANGE DURING STORAGE	O.N. Shabetya, N.V. Kotsareva, Aldanyyen M. Nasser, A.G. Katskaya and A.A.H. Al-Maidi	385-388
TRAINING REQUIREMENTS FOR FARMERS IN BAGHDAD GOVERNORATE IN THE FIELD OF PROTECTING THE RURAL ENVIRONMENT FROM POLLUTION	Sajidah Abed Mohammed and Bayan Abdul Jabbar Ridha	389-394
STUDY OF THE EFFECT OF SOME TREATMENTS AND METHOD OF DRYING ON THE STORING AND QUALITATIVE CHARACTERISTICS OF TOMATO VARTIETY KANZE	Khalid Ibrahem Mustaf and Zeina Sami Rashid	395-400
RELATIONSHIP OF THE GENETIC POLYMORPHISM OF TWO POINT MUTATIONS WITHIN HSP70 GENE WITH THE TRAITS OF MILK AND THE THERMAL TOLERANCE OF THE HOLSTEIN COWS IN IRAQ	Bashar Adham Ahmad and Wasan Jassim Al-Khazraji	401-404
LEAF AREA, PROLINE AND RELATIVE WATER CONTENT IN THE LEAVES OF MAIZE PLANT UNDER THE EFFECT OF SOIL BACTERIA, ORGANIC MATTER AND WATER STRESS	O.A.R. AL-Khazrji, S.A. Al-Saedi and B.A.A.H. Alkhateb	405-412
MOLECULAR GENOTYPING SURVEY FOR <i>BLA</i> TEM VIRULENCE GENE OF <i>ACINETOBACTER BAUMANNII</i> ISOLATES, IRAQ	Taif Majid Abdulhussein, Haider Turky Mousa Al-Mousawi, Jassim Mohamed Abdallah, Alyaa Saad Abed and Rand Jabbar Sattar	413-415
THE REALITY OF THE EXTENSION SERVICE PROVIDED IN THE FIELD OF LIVESTOCK IN IRAQ : A REVIEW	Sanaa Thabit Najeb	416-421
THE REALITY OF THE EXTENSION SERVICE PROVIDED IN THE FIELD OF THE PALM TREES IN IRAQ: A REVIEW	Sanaa Thabit Najeb	422-426
HEMOLYSIS ACTIVITY AND CELL VIABILITY AGAINST <i>E. COLI</i> OF FEW LAYERS AND MULTILAYERS GRAPHENE OXIDE (GO) NANOSHEETS	Husam N. Abbas, Adi M. Abdul Hussien and Ali A. Taha	427-431
APPLICATION OF A CORRECTIVE DOSE OF NITROGEN AT JOINTING GROWTH STAGE OF WHEAT USING A PORTABLE CHLOROPHYLL METER	Radwa K. Sayed, Abdou A. Soaud, El-Metwally A. El-Metwally and Ali M. Ali	432-437
IMPROVING PEANUT PRODUCTIVITY IN SANDY SOIL BY USING DRINKING WATER PURIFICATION RESIDUALS AND P, K NATURAL ROCK WITH BIO FERTILIZERS	Nabil Mohamed Mahrous; Nagah Abo Hegaza; Hatem Hussien Abo Taleb; Mohamed Hamza and Menna allah Hussien Abdeltef	438-443
RED AND YELLOW <i>MONASCUS</i> PIGMENTS AS POTENTIAL NATURAL ANTIOXIDANTS FOR FATTY FOODS	Amany, M. Basuny and Hossam E.F. Abdel-Raheam	444-449
ISOLATION AND CHARACTERIZATION OF PSEUDOMONAS AERUGINOSA AND ENTEROCOCCUS FAECALIS LYTIC BACTERIOPHAGES FROM WASTEWATER FOR CONTROLLING MULTIDRUG RESISTANT BACTERIAL STRAINS	Samir A. Mahgoub, Marwa I.S. Muhammad, Sayed T. Abd-Elsalam, Maha M. Alkhazindar, and Hussein I. Abdel-Shafy	450-464
EFFECT OF GAMMA IRRADIATION ON THE ATTRIBUTES OF TURKEY, DUCK, GOOSE AND CHICKEN EGG WHITES AND YOLKS	Tahany Abdel-Ghafr Ahmed Aly, Emam Aabdel-Mobdee Abd- Elrahim, Cunshan Zhou, Frederick Sarpong and Lamiaa Mostafa Radwan	465-473
CHARACTERISTICS OF SWEET ACIDOPHILUS MILK FORTIFIED WITH GRAVIOLA (ANNONA MURICATA) JUICE	Islam A. Bakr, Fathy E. El-Gazzar, Nanis H. Gomah, Tarek H. Mohamed and Asmaa H. Moneeb	474-480
PHYTOCOMPOUNDS OF THREE MEDICINAL PLANTS (JUNIPERUS COMMUNIS, URTICA DIOICA AND COLEUS FORSKOHLII) OF NORTH WEST HIMALAYAS INCREASES THE POTENCY OF ANTIBACTERIAL AND ANTIFUNGAL ANTIBIOTICS	Rajan Rolta, Vikas Kumar, Anuradha Sourirajan, Navneet Kumar Upadhyay and Kamal Dev	481-489
TESTING EFFICIENCY OF NANOPARTICLES SUPPORTED WITH BIO- SURFACTANT EXTRACTED FROM <i>BACILLUS</i> SP. ISOLATED OF OIL- POLLUTED SOIL IN TREATING ENGINE OIL WASTES	Adnan H. Abbas, Eman H. Abed and Duha Bahaa Mohammed	490-495
NOVEL SYNTHESIS OF CU NANOPARTICLE GRACED GRAPHENE COATED ZNO NANOROD TO ENHANCE PHYSICAL ABSORPTION BAND FROM UV TO VIS-IR REGIONS	Lina Z. Yahiya and Mohamed K. Dhahir	496-500

TITLE	AUTHOR	PAGE NO.
MOLECULAR IDENTIFICATION OF MYCOBACTERIUM ISOLATED FROM BIRDS IN IRAQ	Salam H. Fayadh Al-Issawi and Maysoon S. Abbas	501-507
MOLECULAR DETECTION OF <i>EIMERIA</i> SPP. IN DEER AT MIDDLE PARTS OF IRAQ	Safaa Mohammed Kareem and May Hameed Kawan	508-512
THE EFFECT OF FEEDING THE LAYER (ISA BROWN) WITH HERBAL METHIONINE INSTEAD OF SYNTHETIC METHIONINE (DL-METHIONIE) IN THE LOW PROTEIN DIETS ON THE PRODUCTIVE TRAITS IN CHICKENS ECONOMICALLY	Nazim A.Q. Saeed and Mohammed I.A.AL- Nuaimy Al-Husnni	513-515
GROWTH RESPONSE OF FIGS FICUS CARICA VAR. 'ASWAD DIALA' SAPLINGS TO FOLIAR SPRAY WITH BASFOLIAR KELP SEAWEED EXTRACT AND FETRILON COMBI 2	Nassier H. Hawi, Ghaleb B.A. Al-Abbasi and Abbas M. Salman	516-519
IN-VITRO EFFECT OF SOME SECONDARY METABOLISM PRODUCTS OF CORDIA MYXA ON SOME ASPECTS OF LIFE PERFORMANCE OF APHIS CRACCIVORA KOCH (HOMOPTERA: APHIDIDAE)	Mohammed Hadi Ibrahim; Najeha Mohamed Barry and Ayad Ismael Khaleel	520-522
RESPONSE OF TWO COTTON CULTIVARS (GOSSYPIUM HIRSUTUM L.) TO SPRAYING WITH PROLINE ACID UNDER WATER STRESS CONDITION	Mohammad Hassan Hashem and Haider Talib Hussein	523-534
A STUDY OF ACCUMULATION OF SOME HEAVY METALS IN FISH (CYPRINUS CARPIO) IN EUPHRATES RIVER IN BABYLON	Makeya Abduljabbar Hasoun, Abdulhusein Hamzah A. Jawdhari and Husam H. Alewi	535-538
ADDING SOME OF ORGANIC ACID IN BROILER FEEDING AT PRESTARTER AND STARTER PERIOD BREEDING ON CHEMICAL ORGANIC CONTENT OF MAIN, SECONDARY CARCASS AND EDIBLE PARTS PARAMETERS	Hasan A. Mohammed	539-542
EFFECT OF ADDED DIFFERENT LEVELS OF MELISSA LEAVES POWDER TO DIET ON SOME PRODUCTIVE TRAITS OF ARABI SHEEP	Hameed A. Wedah, Alaa S.J. Mohamed and Ahmed J.A. Al-Yassiri	543-545
USE OF THE HERBAL METHIONINE AS AN ALTERNATIVE TO SYNTHETIC METHIONINE (DL-METHIONINE) TO IMPROVEMENT THE PERFORMANCE AND FEED COST ECONOMICALLY FOR THE LAYER (ISA BROWN)	Haider A. AL-Hashimi, Mohammed I. A. AL-Nuaimy AL-Hussani	546-548
THE EFFECT OF BIO-DIGESTION PRODUCTS, ORGANIC MATTER AND TREATED WATER QUALITY ON THE CONCENTRATIONS OF DISSOLVED CATIONS AND ANIONS IN THE SOIL AND THEIR SALINITY PLANTED WITH POTATOES	Bashar Mezher Jader Al-Zubaidi and Turki Meften Saad	549-553
EVALUATION OF DROUGHT IMPACT ON AGRICULTURAL STATUS FOR SOME WAIST'S SOIL USING GEOMATIC TECHNIQUES	Aurass Muhi Taha Al Waeli, Samer Muhii Taha and Saad Shakir Mahmood	554-565
THE EFFECT OF SEDIMENTATION SOURCES ON THE EXCHANGE PROPERTIES OF THE CLAY PARTICLES OF SOME SOILS IN WASIT AND MAYSAN GOVERNORATES	Auatif H.D. AL-Shamare and Salman K. Essa	566-573
EFFECT OF SPRAYING WITH POTASSIUM HUMATE AND AZOREN MIX ON GROWTH TRAITS AND NUTRIENTS CONTENT OF LOCAL LEMON CITRUS LIMON SAPLINGS	Ali A.A.A. Al-Kraawi, Ghaleb B.A. Al-Abbasi and Furqan S.S. Alabbasi	574-577
DEVELOPMENT OF SALT TOLERANT F ₁ WHEAT CROSSES AND ANALYSIS OF THEIR GENETIC AND QUANTITATIVE TRAITS USING ONE WAY DIALLEL ANALYSIS	Abbas Lateef Abdulrahman, Emad Khalaf Aziz and Mohd Rafii Yusop	578-583
STUDY OF HEMATO-BIOCHEMICAL CHANGES IN POST-PARTURIENT HEMOGLOBINUREA IN IRAQI LOCAL COWS	Omar Althani Shareef Saed Albayati and Oday Kareem Luaibi	584-588
A COMPARATIVE TAXONOMIC STUDY OF SEEDS OF SOME PLANTS OF ROSACEAE FAMILY IN IRAQ	Zainab Abid Aun Ali	589-595
INCREASING BARLEY (HORDEUM VULGARE L.) COMPETITIVE ABILITY TO COLLATERAL WEEDS BY DIFFERENT SEED RATING AND SOME HERBICIDES	Sabeeha H. Kadhim	596-600
CLINICAL DIAGNOSTIC COMPARISON OF <i>ENTAMOEBA HISTOLYTICA</i> IN IRAQI PATIENTS	Rasha Amer Noori Al-Tufaili	601-603
SIMULATION OF A 2-D STEADY SEEPAGE FLOW AND TRANSPORTATION OF CONTAMINANTS THROUGH HARAWA DAM USING CFD MODULE AND GEO – SLOPE	Fatin K. Ibraheem, Faris A. Kubba and Sadiq S.M.	604-612
THE PRODUCTION OF PYROLYTIC OIL FROM SCRAP TIRE TUBES	Maysoon J. Zaiter, Itimad K. Al-asfoor, Ebaa K. Almatari and Zinah T. Salman	613-617
INVESTIGATING THE ABILITY TO USE NATURAL IRAQI MATERIAL "CRUSHED PORCELANITE ROCKS" IN GREYWATER FILTRATION, AND COMPARE IT WITH SAND FILTER	Marwa Mohammed Ali, Nawar O.A. AL- Musawi and Mahdi Shanshal Jaafar	618-624
COMPARISON BETWEEN SATELLITE RAINFALL DATA AND DAIN GAUGE STATIONS IN THE AL-ADHAIM WATERSHED, IRAQ	Mohammed S. Sh., Tabark J.A. and Atyaf J.M.	625-629
SURFACE WATER POLLUTION MONITORING SYSTEM BASED ON IOT	Qusay Shihab Hamad, Mohammed Q. Mohammed and Saif Q. Muhamed	630-634
SPATIAL INTEGRATION OF THE POTENTIAL AVAILABLE IN THE MARSHES OF SOUTHERN IRAQ	Alaa Abdul Kereem Hussein, Mohsen Abed Ali Furaiji and Nada KH. Al-Rikaby	635-646
OPTIMUM CONDITIONS OF PHYTOREMEDIATION FOR PETROLEUM-CONTAMINATED SOIL USING AGED REFUSE	Asmaa Hussein Ali and Abdulsattar Hashim a Ghani	647-652
PYROLYSIS OF WASTE TETRA PACK	Ebaa K. Jasim, Myasoon J. Zaiter, Itimad K. Hassan, Ethar M. Jassar and Zeena Th. Salman	653-656
SITE ASSESSMENT OF RAZZAZA AND NATURAL RESERVE SITES IN THE SOUTH OF IRAQ, STUDY AND COMPARISON WITH THE IRAQI WIND ATLAS (IWA)	Ahmed B. Khamees, Khalid S. Heni, Wasan T. Mousa	657-663
PHYTOREMEDIATION FOR CRUDE OIL-CONTAMINATED SOIL USING ORGANIC WASTES	Asmaa Hussein Ali	664-667

TITLE	AUTHOR	PAGE NO.
USE OF <i>ALBIZIA LEBBECK</i> PLANT EXTRACT AS A CORROSION INHIBITOR FOR REINFORCEMENT STEEL IN A SALINE MEDIUM	Abdulsattar Hashim AGhani, Asmaa Hussein Ali, Waseem Mohammed Ibrahim Alaaeldien Adnan ARahman and Zena Ibrahim Jasim	668-672
STIRRER SPEED CONTROL OF A FLUIDIZED BED DRYER FOR BIOMASS PARTICLES USING PWM TECHNIQUE	Russul A. Kadhim, Ekhlas M. Fayyadh and Sadeq H. Bakhy	673-680
THE REDUCTION OF CHEMICAL OXYGEN DEMAND AND TOTAL SUSPENDED SOLIDS FROM FOUR DOMESTIC WASTEWATER DISPOSAL SUBURBS BY USING COAGULATION AND FLOCCULATION PROCESSES: A CASE STUDY IN BABYLON PROVINCE, IRAQ	Osamah J. Al-Sareji, Ruqayah Ali Grmasha, Hind Mufeed Ewadh and Karrar M. Al- anbary	681-685
FABRICATION OF PdNPs DECORATED TiO ₂ NANOTUBES BY ELECTRODEPOSITION METHOD AS ANTICANCER MATERIALS	Shaymaa R. Baqer, Mahasin Alias and Abdulkareem M. Ali Alsammarraie	686-692
EQUILIBRIUM OF BABYLON WATER SUPPLY NETWORK USING EPANET PROGRAM	Nassrin Jassim hussien Al-Mansori, Thair Jabbar mizhir AL-Fatlawi and Laith Shaker Ashoor Al-Zubaidi	693-700
A SUSTAINABLE APPROACH FOR PARK BENCH BY USING STREAMLINED LIFE CYCLE ASSESSMENT: A CASE STUDY	Ruqayah Ali Grmasha, Osamah J. Al-Sareji, Hind Mufeed Ewadh, Mohammed Hussein Nadhim Obaid and Nawfel Amer Salih	701-704
PREPARATION OF ACTIVATED CARBON FROM SUNFLOWER SEEDS	Mayasa Al-Sarraf and Mohammed Abbas	705-709
REMOVAL OF EOSIN STAIN FROM AQUEOUS SOLUTION BY RICE HUSK	Asala Faleh Ashur and Mohammed Abbas	710-716
ANTIOXIDANT RESPONSES IN WHEAT PLANTS (<i>TRITICUM AESTIVUM</i> L.) TREATED WITH THIOUREA	Radhwan A. Baqer, Hussein K. Al-Kaaby and Luma H. Adul-Qadir	717-722
EFFECT OF DRIP IRRIGATION SYSTEM FACTORS ON SOME SOIL PHYSICAL PROPERTIES AND YIELD OF CAULIFLOWER	Qusai O. Hammadi and Mohammad H. Sabri Bahia	723-728
SEROPREVALENCE OF HUMAN CYTOMEGALOVIRUS IN IRAQI BREAST CANCER PATIENTS	Omar H. Salman and Raghad H. Al-Azzawi	729-731
MAGNETIC TREATED WATER, REALITY AND APPLICATIONS : A REVIEW	Mohammed A. Al-Bayar, Rabeea M. Mahmood and Ahmed Younis Saieed	732-737
KNOWLEDGE OF PROTECTED VEGETABLE FARMERS IN LARGE PLASTIC HOUSE BY PROPER METHODS IN CONTROLLING AGRICULTURAL PESTS IN BABYLON PROVINCE	Mahdi Najem Rakeet and Majid Khali Ali	738-745
EFFECT OF SOME ANTIBIOTICS AND TRIGONELLA FOENUM L. PLANT EXTRACT ON BACTERIA ISOLATED FROM PREGNANT WOMEN	Ayyub J. Abdl-Rahmaan Al-Baytay, Abdul Kareem Fattah Omar and Riam Gany Ahmad	746-750
MORPHOLOGICAL AND HISTOLOGICAL STUDY OF THE TESTES IN ADULT DUCK	Dhuha Adel Kareem, Eman Sami Jassem, Sameera A. Daaj and Walaa J. Al-Khalad	751-755
EFFECT OF HOT METHANOLIC EXTRACT OF <i>NIGELLA SATIVA</i> ON THE HEALING OF INFECTED CUTANEOUS WOUNDS IN RABBITS	Jinan Abdul Aziz Bannai, Ibrahim MH Alrashid and Layla Adnan Abdul Jabbar	756-760
EFFECT OF DRENCHING OF ZINC AND VITAMIN E ON PRODUCTIVE PERFORMANCE AND SOME CARCASS CHARACTERISTICS OF AWASSI LAMBS	Nawfal A. Mohammad Amin and Mozhir K.K Almahdawi	761-767
THE SYNERGISTIC EFFECTIVENESS OF SACCHAROMYCES CEREVISIAE AND ALCOHOLIC EXTRACTS OF MYRTUS COMMUNIS AND POPULUS EUPHRATICA AGAINST RHIZOCTONIA SOLANI IN IN VITRO CONDITIONS	Mohammed Nadeem Kasim Hantoosh, Hussein Ali Salim and Abdul Jabbar S.Ahmed	768-773
EFFECT OF SOME PLANTS POWDER AND INSECTICIDES ADMIRAL AND RUNNER AGAINST SAW-TOOTHED GRAIN BEETLE ORYZEAPHILUS SURINAMENSIS L. (SILVANIDAE: COLEOPTERA)	Iman Mussa Omran, Kadhim Salah Hassan and Nasir Almansour	774-778
THE NUTRITIONAL VALUE AND SPECIFIC PROPERTIES OF SOME TRUFFLE AND RED MEAT PRODUCTS	Iman Ali Hadi	779-782
RAPID MOLECULAR CHARACTERIZATION OF VIRULENCE PATTERN IN CLINICAL ORIGINS METHICILLIN RESISTANT <i>STAPHYLOCOCCUS AUREUS</i> INCLUDING CYTOTOXIN PANTON VALENTINE LEUKOCIDIN	Halah J. Kadhim, Siham Hamel Mohaisen and Abdulameer M. Ghareeb	783-789
STIMULATION OF THE PRODUCTION OF SOME MEDICINALLY ACTIVE COMPOUNDS FROM CALLUS TISSUE INDUCED FROM THE SHOOT TIP OF PARACRESS SEEDLINGS <i>IN VITRO</i> THROUGH ADDING DIFFERENT CONCENTRATIONS OF GLUTAMINE	Ekhlas Meteab Ahmed Marir and Kareem M. Rabie	790-796
THE USE OF LOCAL BLUE-GREEN ALGAE IN THE BIOREMEDIATION OF HYDROCARBON POLLUTANTS IN WASTEWATER FROM OIL REFINERIES	Ahmed Aidan Al-Hussieny, Sahar Ghazi Imran and Zahraa A. Jabur	797-802
CORRELATION AND PATH COEFFICIENT ANALYSIS FOR YIELD COMPONENTS TRAITS IN EGYPTIAN COTTON GENOTYPES. (GOSSYPIUM BARBADENSE L.)	M.M.M. Amein, M.I. Masri, H.H. EL-Adly and S.S. Attia	803-806
HISTOLOGICAL AND HISTOCHEMICAL STUDIES OF THE STOMACH IN THE IRAQI FALCON (FALCON BERIGORA)	Haifa A. Hussein, Nadhim A.Shehan, Hanan A. Salman, and Sameera A.Da'aj	807-811
THE USE OF <i>HIBISCUS SABDARIFFA</i> INFUSION FOR THE PREVENTION AND TREATMENT OF HIGH BLOOD LIPIDS COMPARED WITH STATIN TREATMENT	Afaf. A. Tarmooz, Taha H. Al-Yasiri and Yahya Abdali	812-817
EFFECT OF SEDIMENTATION SOURCE ON THE NATURE OCCURRENCE AND DISTRIBUTION OF THE FELDSPAR IN SOME SOIL OF ALLUVIAL PLAIN IRAQ	Shireen Mudhafar Ali AlKhalil and Salman Khalaf Essa	818-822
GRAIN BARLEY (HORDEUM VULGARE L.) RESISTANT TO SOLUBLE CONTENT BY EXPOSURE TO HEAT PRESSURE	Warqa,a Muhammed Shariff Al-Sheikh	823-826
BIODIESEL PRODUCTION FROM SCENEDESMUS ECORNIS BY TRANSESTERIFICATION PROCESS	Parween M. Abdulkareem and Sewgil S. Anwer	827-831

TITLE	AUTHOR	PAGE NO.
IRON CONCENTRATION IN DIFFERENT BREAD CONSUMED IN SULAYMANIYAH PROVINCE, IRAQI KURDISTAN	Muhammed Saeed Rasheed and Kaihan Hama Karim Hama Salih	832-835
EVALUATION OF SODIUM CONCENTRATION IN DIFFERENT BREAD TYPES IN SULAIMANYAH PROVINCE, IRAQI KURDISTAN	Muhammed Saeed Rasheed and Aya Asfandyar Mohammed Saeed	836-839
DESIGN, CHARACTERIZATION AND SIMULATION OF U-SHAPED SOLAR COLLECTOR FOR DRYING OF AGRICULTURAL PRODUCTS IN AREQUIPA REGION	Jorge Gilbert Mamani Calcina, Jesús Ruben Mamani Calcina, Silvia Marisel Espinoza Suarez and Klinge Orlando Villalba-Condori	840-844
VIABILITY AND EMERGENCE OF MAIZE KERNELS AS INFLUENCED BY MOISTURE AT HARVEST AND DRYING TEMPERATURE	Saddam H. Cheyed, Musaab A. Yasir and Maha H. Hashim	845-848
PATHOLOGICAL EFFECTS OF CHROMIUM TRIVALLENT SUPPLEMENTATION IN DIETS OF MALE RABBITS EXPOSED TO HEAT STRESS	M.J. Al-Saadi and Bushra I.Al-kaisei	849-853
RELATIONSHIP BETWEEN SILENT MUTATIONS AND QUANTITATIVE TRAIT LOCI GENES IN CATTLE : A REVIEW	Inam A. Nayyef	854-857
EFFECT OF ADDING DIFFERENT LEVELS OF <i>THYMUS VULGARIS</i> LEAVES POWDER TO THE DIET, ON BLOOD PHYSIOLOGICAL TRAITS AND MICROBIAL CONTENT OF THE GUT OF BROILER CHICKENS	Hind Bahjat Mohammed Aldik, Aseel Ibrahim Suhail and Nihad Abdul-Lateef Ali	858-862
THE KNOWLEDGE AND SKILL LEVEL OF AL-ABBASIYA SUB-DISTRICT FARMERS IN HOLY AL-NAJAF PROVINCE ABOUT SUSTAINABLE AGRICULTURE	Ahmed Dhahir Al-Janabi and Thamer Al- Kelaby	863-866
ECONOMIC EVALUATION OF POTASSIUM FERTILIZATION USE ON FLAX PRODUCTIVITY UNDER NEWLY RECLAIMED LANDS IN EGYPT	Mahmoud M. Abd El-Fattah, Osama A. Nofal, Bakry A. Bakry and Faiza A. Mohamed	867-875
EVALUATION OF SOILS BAGHDAD GOVERNORATE POLLUTION BY RADIOACTIVE ELEMENTS	Ali Akram Abdulateef and Kadhim makke Naser	876-881
EFFECT OF HUMIC ACID AND CALCIUM IN THE GROWTH AND YIELD CONTENT OF PAPRIKA FRUITS OF CAROTINE AND ASCORBIC ACID	Jaafar Abbas Shamsullah	882-887
POTENTIALS FOR BOOSTING EGYPTIAN CHAMOMILE EXPORTS	Heba Yassin Abdelftah, Afaf Z. Othman and Rania M. Bargash	888-892
POSITIVE INFLUENCE OF <i>PORTULACA OLERACEA</i> L. IN RATS WITH TYPE 2 DIABETES MELLITUS	Mustafa Taha Mohammed, Sura Mohammed Kadhim and Zyad Hussein J.AL-Qaisi	893-897
HEMATOLOGICAL PROFILE OF AWASSI LAMBS WITH DIFFERENT GROWTH POTENTIAL IN PRE-WEANING PERIOD	Fatima Juma Azgar and Ayhan Kamal Mohammed	898-900
MONITORING OF WATER LEVEL FLUCTUATIONS OF DARBANDIKHAN LAKE USING REMOTE SENSING TECHNIQUES	Dalshad R. Azeez, Fuad M. Ahmad and Dashne A.K. Karim	901-906
THE RESPONSE OF POTATO (SOLANUM TUBEROSUM L.) TO BIOLOGICAL DIGESTER, ORGANIC MATTER AND QUALITY OF TREATED WATER	Bashar Mezher Jader AL-Zubaidi and Turki Meften Saad	907-911
STUDY OF GENDER AND ITS IMPORTANCE ON AGRICULTURAL EXTENSION WORK	Najwa S. Ali	912-917
THE IMPACT OF THE HARVEST DATES IN THE CHEMICAL COMPOSITION AND PHYSICAL PROPERTIES OF VOLATILE OILS AND FATTY ACIDS OF <i>ROSMARINUS OFFICINALIS</i> VAR. <i>TEMIFOLIUS</i>	Fanar Hashum Al- Hashemi	918-925
TAXONOMIC STUDY OF <i>GLOSSOSTEMON BRUGUIERI</i> DESF. (MALVACEAE) IN IRAQ	Zainab Abid Aun Ali	926-929
STUDY OF THE HEALTH INDICATORS AND LIVER ENZYMES CHANGES IN WHITE RATS	Ammar Abdulhasan Aldhalemi, Sharaf Ali hadi Al-shaikh and Mohanad Abood Alhamid	930-935
CURATIVE ROLE OF VITAMIN (C) IN REDUCTION OF CADMIUM TOXICITY ON THE LEVELS OF SOME LIVER FUNCTIONS, LIPID PEROXIDATION AND ANTIOXIDANTS ENZYMES IN IN VIVO CONDITION	Amerah I. Hussein AL-Janabi, Maher Mohammed Khadairi, Moayed Jassim Al- amari and Ahmed Ali K. Hirallah	936-940
USE OF TREATED LENTIL <i>LENS CULINARIS</i> L. WITH PHYTASE ENZYME IN DIETS OF COMMON CARP <i>CYPRINUS CARPIO</i> L.	Ali H. Salman and Khlood A. Alkhafaji	941-944
ATTITUDES OF STUDENTS OF THE FACULTY OF AGRICULTURE TOWARDS USING THE INTERNET IN AGRICULTURAL WORK - A COMPARATIVE STUDY BETWEEN EGYPT AND IRAQ	Khattab Abdullah Aljubory and Adel Ibrahim Al-Hamouli	945-965
FIRST RECORD THE FUNGUS <i>BIPOLARIS AUSTRALIENSIS</i> AS A CAUSE OF LEAF BLIGHT DATE PALM IN MISAN AND ATTEMPT TO CONTROL IT IN <i>IN VITRO</i> CONDITION	Ghassan Mahdi Daghir, Ali A. Tomah and Ismail Ibrahim Alyaseri	966-970
THE RESPONSE FIVE CUCUMBER HYBRIDS FOR NANO FERTILIZERS UNDER PROTECTED CONDITIONS	Ahmed J. Muhemed and Abbas K. Mijwel	971-974
EFFECT OF LIGHT INTENSITY AND NITROGEN ADDITION ON SOME GROWTH PARAMETERS OF PEA (PISUM SATIVUM L.)	Mustafa Hameed Al-Majdi, Mokhtar Ghobadi and Saeid Jalali Honarmand	975-980
A STUDY THE EFFECT OF PLANTING MACHINE (TYPE ADWHIT) ON POTATO SPECIFICATION, BINTJE CULTIVAR	Aleawi A. Ghali, Salih K. Alwan Alsharifi and Ibrahim J. Hamzah	981-989
RESPONSE OF FIVE BREAD WHEAT CULTIVARS TO LATE PLANTING CONDITIONS UNDER MIDDLE REGION OF IRAQ	Karrar Falah Hadi Al-Khafagi, Salam Ali Khuit and Ayad H. Almaini	990-995
ISOLATION AND DIAGNOSIS PARASITIC ETIOLOGY OF GASTROINTESTINAL INFECTION OF PATIENTS AT THE AL-MWANEE HOSPITAL IN BASRA CITY SOUTHERN OF IRAQ	Ahmed Hamid Dawood Alatbee, Shafeeqa Abdusayed Obaid and Entihaa Abdul-Zahra Abdul-Kareem	996-998
EFFECT OF THE INJECTION OF VITAMIN E AND SELENIUM ON SEMEN CHARACTERISTICS AND SOME TESTICULAR MEASUREMENTS ON KARADI RAMS	Abdulnasir T.H.M. Alkhashab and Mohannad Mahdi Hameed	999-1004
NOVEL AND LOW-COST SYNTHESIS OF ZNO NANOROD COATED BY GRAPHENE OXIDE FOR ENHANCED PHYSICAL ABSORPTION OF ZNR	Lina Z. Yahiya, Mohamed K. Dhahir and	1005-1008

TITLE	AUTHOR	PAGE NO.
FROM UV TO VIS-IR REGION EVALUATION OF PERFORMANCE OF SOME HYBRIDS OF EGGPLANT (SOLANUM MELONGENA L.) UNDER THE INFLUENCE OF ADDING	Rawaa A. Faris Ammar Hashim Saeed Omar and Firas	1009-1016
TWO TYPES OF NUTRIENTS FURROW IRRIGATED RAISED BED (FIRB) TECHNIQUE FOR	Ahmed Mohmmed Hadeel A. Jabbar, Alaa S. Ati and	
IMPROVING WATER PRODUCTIVITY IN IRAQ	Abdulkareem H. Hassan	1017-1022
BIOSYNTHESIS OF MAGNETITE-NANOPARTICLES USING MICROALGAE (SPIRULINA SP. AND SPIROGYRA SP.)	Hawar J. Sadiq Hawezy, Kwestan Hasan Sdiq, Vyan Asaad Qadr, Sewgil Saadulldeen Anwer and Shameran Jamal Salih	1023-1027
DETECTION OF THE CHANGE OF METEOROLOGICAL SEASON IN MIDDLE AND SOUTHERN IRAQ	Asraa Khtan Abdulkareem, Luma Mahdi Matrood and Sara Ali Muter	1028-1033
STUDY OF THE EFFECT OF COOKING METHODS ON THE SENSORY AND CHEMICAL PROPERTIES OF FRESH AND FROZEN CHICKEN LIVER	Eman Ali Hadi	1034-1037
MONITORING OF WATER LEVEL FLUCTUATIONS OF DARBANDIKHAN LAKE USING REMOTE SENSING TECHNIQUES	Dalshad R. Azeez, Fuad M. Ahmad and Dashne A.K. Karim	1038-1043
EFFECTS OF MATRICARIA CHAMOMILLA FLOWER AQUEOUS EXTRACT ON SOME HEMATOLOGICAL, BIOCHEMICAL PARAMETERS AND CARCASS TRAITS IN IRAQI LOCAL RABBITS	Sarmad Abdul Razak Abood Alsaadi, Adnan Shakor Ahmed Al-perkhdri and Ismail Younis Hasan Al-Hadeedy	1044-1049
EFFECT OF SPRAYING WITH ORGANIC AND BIO-FERTILIZERS ON SOME GROWTH CHARACTERISTICS OF SUNFLOWER PLANT (HELIANTHUS ANNUUS L.)	Alaa Mohammed Ridha Abed and Najat Hussein Zeboon	1050-1055
GENETIC BEHAVIOR OF SOME FRUIT CHARACTERS IN CROSSES BETWEEN TOMATO AND SOME WILD SPECIES AND AMONG WILD SPECIES	Hassan A.A.; Abdel-Ati K.E.A. and Ibrahim T.A.A.	1056-1065
SOURCES AND NATURE OF FRUIT SET HEAT TOLERANCE IN TEN EVALUATED TOMATO ACCESSIONS	Hassan A.A.; Abdel-Ati K.E.A. and Shehata A.S.	1066-1074
ANTIOXIDANT ACTIVITY OF MARINE RED ALGAE – PORTIERIA HORNEMANNII	Louis Cojandaraj, Surya Prabha U. and Mary Elizabeth Shyamala	1075-1081
CHARACTERIZATION AND CLINICAL APPLICATIONS OF SILVER NANOPARTICLES SYNTHESIZED FROM CASSIA OBTUSIFOLIA LEAVES EXTRACT	Laheeb Subhy Flaih and Narjis Hadi Al- Saadi	1082-1088
ASSESSMENT OF SALT TOLERANCE BETWEEN THE SELECTED WHEAT GENOTYPES AND LOCAL CULTIVARS BY USING MOLECULAR TECHNIQUE (PCR AND REAL TIME PCR)	Eman N. Ismail, Ibrahim I.H. Al-Masshadani and Ali A. Al-Salihy	1089-1093
STUDY OF THE EFFECT OF SPRAYING BY A NUTRIENT SOLUTION (EL-NEBRAS AND KING LIFE) ON THE GROWTH AND YIELD OF TWO VARIETIES OF EGGPLANT (LOCAL AND BLACK BEAUTY)	Dheyaa Zaeem Yasir ALfayyadh, Ali Abed Kates Hasson, Ali Kareem Hussein and Raghad Katran Hassan	1094-1101
GROWTH CHARACTERS OF LEAFY LETTUCE (LACTUCA SATIVA L.)	Sawsan Mohammed Saeed Ali Kanimarani	1102-1107
INVENTORY OF ORNAMENTAL PLANTS AT THE CAMPUS OF IBN TOFAIL UNIVERSITY, KENITRA (MOROCCO)	Buanani R., El-Bouzidi A., Ahayoun K., Ouazzani Touhami A. and Douira A.	1108-1113
EVALUATION AND OPTIMIZATION OF SULPHUR SOURCES THROUGH GROWTH ENHANCEMENT AND YIELD MAXIMIZATION OF SUNFLOWER (<i>HELIANTHUS ANNUUS</i> .L.) IN CLAY LOAM SOIL	C. Ravikumar, M. Ganapathy, A. Karthikeyan and P. Senthilvalavan	1114-1116
THE RELATIONSHIP BETWEEN WINDS AND RAINFALL OVER SELECTED STATIONS IN IRAQ	Osama Tareq Al-Taai and Wedyan G. Nassif	1117-1121
RESPONSE OF LOCAL KARADI LAMBS FOR FEEDING BY ADDING MOLASSES AND DATE TO UREA TREATED STRAW	Adnan Heme Seid Resol, Suzan Muhamad Nur Muhamad, Nawzad Mohammad Aziz and Nidhal Aabdlgani Mustafa	1122-1125
ADAPTIVITY POTENTIAL OF WINTER OILSEED RAPE VARIETY POPULATIONS BY PRODUCTIVITY ELEMENTS	Svytlana Shokh, Lesia Karpuk, Andrii Pavlichenko, Olena Oleshko and Anna Kryvenko	1126-1130
A NEW SPECIES OF GENUS <i>STACHYS</i> L. (LAMIACEAE) IN IRAQ ISOLATION AND IDENTIFICATION OF INTESTINAL PROTOZOA FROM	Zainab Abid Aun and Ali Haloob	1131-1134
OSTRICHES IN MIDDLE OF IRAQ EFFECT OF DIFFERENT LEVELS SUPPLEMENTATION OF DRY BREAD	Zainab A. Makawi and Suhad Y. Jasim	1135-1139
YEAST IN AWASSI EWES RATIONS ON MILK PRODUCTION AND ITS COMPONENTS	Muthanna Ahmed Mohammed Tayeb	1140-1143
MANAGEMENT OF SUCCESSFUL INTERACTION BETWEEN IRRIGATION WATER SALINITY AND FERTILIZATION TREATMENTS AND ITS EFFECT ON SALICORNIA PLANTS CULTIVATED UNDER GREENHOUSE CONDITIONS	Hanan H. Abdel-Kader; O.A. Nofal; A.I. Rezk; A.B. El-Nasharty and Sona S. El-Nwehy	1144-1149
EFFECT OF MECHANICAL PROPERTIES ON SOME GROWTH CHARACTERISTICS FOR MAIZE, SYN5018 VARIETY	Shathar A. Imran Alaamer and Salih K. Alwan Alsharifi	1150-1155
CALCULATION OF THE MEAN ANNUAL RAINFALL IN IRAQ USING SEVERAL METHODS IN GIS	Yaseen K. Al-Timimi, Alaa M. Al-Lami and Hasanain K. Al-Shamarti	1156-1160
STUDIES ON THE EFFECT OF FOLIAR APPLICATION OF ORGANIC AND INORGANIC NUTRIENTS ON THE PHENOTYPIC ENHANCEMENT OF BLACK GRAM CV.VAMBAN-6	A. Karthikeyan, J. Vanathi, S. Babu and C. Ravikumar	1161-1164
EVALUATION OF SERUM REACTIVE OXYGEN SPECIES AND GLUTATHIONE PEROXIDASE IN IRAQI OBESE/OBESE-HYPERTENSION FEMALES	Yasser M. Taay and Mustafa Taha Mohammed	1165-1168
DETECTION OF BLA_{OXA-10} AND BLA_{SHV} GENES FROM KLEBSIELLA PNEUMONIAE ISOLATED FROM IRAQI UTI PATIENTS BY REAL TIMEPCR AND CONVENTIONAL PCR	Firas Nabeeh Jaafar, Mohammed Twfeek Abid Alhusain and Afrah Abdulridha Ajeel Hassan	1169-1172

TITLE	AUTHOR	PAGE NO.
THE LEAF MINERS <i>LIRIOMYZA</i> SPP. (DIPTERA: AGROMYZIDAE) : THE DAMAGE NATURE AND THE ECONOMIC IMPORTANCE : A REVIEW	Feryal Hasony Sadiq, Fayhaa Abbood Mahdi Al-Nadawi and Zeinh T. Mahmood	1173-1175
IDENTIFICATION AND CHARACTERIZATION OF PATHOGENIC BACTERIA ISOLATED FROM LOCAL AND IMPORTED RICE	Ban Sahib Abdul-Nabi AL-Nasiry and Doaa Adel Qasim	1176-1181
KAPPA-CASEIN GENE POLYMORPHISM AND ITS EFFECT ON MILK OF RED AND WHITE COWS FOR CHEESEMAKING	A.P. Velmatov, A.A.H. Al-Isawi, A.A. Velmatov, N.N. Neyaskin, T.N. Tishkina and S.E. Zelentsov	1182-1186
OPTIMIZATION OF CROPPING PATTERN AND WATER RESOURCES USING LINEAR AND NONLINEAR PROGRAMMING IN THE WEST OF IRAN	Hamidreza Shakari, Mohsen Najarchi, Reza Jaafarnia, Shahroo Mokhtari and Hamzeh Alizade	1187-1195
INFLUENCE OF SEA WEED EXTRACT ALONG WITH GROWTH REGULATORS ON THE GROWTH, FLOWERING AND YIELD OF ANTHURIUM PLANTS	Ajish Muraleedharan, K. Sha, S. Kumar, G. Samlind Sujin, J.L. Joshi and C. Praveen Sampath Kumar	1196-1199
REVIEW ARTICLE : KOMBUCHA: AN ANCIENT HEALING ELIXIR	Sai Shivani Ranjan, Kirandeep Kaur and Louis Cojandaraj	1200-1205
RELATIONSHIP BETWEEN PER CAPITA CO ₂ EMISSIONS AND GDP IN IRAQ	Ahmed S. Hassan	1206-1209
IN-VITRO POTENTIAL OF SPHATIKA TABLET IN THE MANAGEMENT OF UROLITHIASIS (MUTRAKRICHRA)	Dileep Singh Baghel, Amit Mittal, Saurabh Singh, Anand Kumar Chaudhary, Amit Bhatia and Shruti Chopra	1210-1216
A SYNOPTIC OVERVIEW ON <i>BOERHAVIA DIFFUSA</i> FOR ITS MEDICINAL IMPORTANCE	Jaswinder Kaur, Saurabh Singh, Amit Mittal, Anand Kumar Chaudhary and Dileep Singh Baghel	1217-1223
EFFECT OF CONOCARPUS ERECTUS ON THE INFRASTRUCTURE OF MISAN PROVINCE, IRAQ	Ahmed Falih Shamukh, Salah Abdulhasan Ghailan and Dunia Mohi Mohsen	1224-1227
COMPARATIVE STUDY OF CONCENTRATION LEVEL OF OXIDATIVE STRESS BIO MARKERS IN BLOOD FOLLICULAR FLUID AND MUCOUS OF CERVIX IN CATTLE SUSPECTED WITH OVARIAN FOLLICULAR CYST	Eftkar Mahdy Al-Najar, Talib Ahmed Hamid and Makki Khalaf Hussein	1228-1230
MANAGEMENT OF BARLEY YELLOW DWARF VIRUS DISEASE BY USING WATER, COLOR TRAPS FOR APHIDS INSECT MYZUS PERSICAE SULZ. IN KALAR CITY, IRAQ	Kareem A.H. Al Bayati, Mohammed N.Q. Hantosh and Abbas A.Taha	1231-1235
SURVEY OF EXOTIC PLANT SPECIES IN IRAQ	Khansaa Rasheed Al-Joboury	1236-1237
THE EFFICIENCY OF BADEX5-7 MARKER IN SCREENING AROMATIC RICE GERMPLASM	Sathish Kumar P., Praveen Kumar R., Sanjeeva Rao D., L.V. Subba Rao, M.S.R.S.C. Sekhar, A. Krishna Satya, P. Sudhakar and M.S. Madhav	1238-1241
EFFECT OF INTEGRATED WEED MANAGEMENT PRACTICES ON WEED DYNAMICS, GROWTH, YIELD AND ECONOMICS OF ELEPHANT FOOT YAM [AMORPHOPHALLUS PAEONIIFOLIUS (DENNST.) NICOLSON]	R.S. Singh, A. Narayan, Amalendu Kr., C.S. Chaudhary and I.B. Pandey	1242-1245
VARIATION IN PHOTOSYNTHETIC PIGMENTS OF LEAVES INFESTED WITH LEAF MINER (<i>LIRIOMYZA TRIFOLII</i>) (BURGESS) IN CASTOR AND TOMATO	Vedulla Madhavi, Y.G. Prasad and Bee Hameeda	1246-1250
SCREENING AGAINST MUNG BEAN YELLOW VEIN MOSAIC AND RUST DISEASE IN COWPEA UNDER NATURAL CONDITIONS	Manoj C.A., Keerthi Annagouda Patil, Marappa N., Hariprasad K. and Naveesh Y.B.	1251-1254
INSECTICIDE USAGE PATTERN AND EVOLUTION OF RESISTANCE IN EGGPLANT SHOOT AND FRUIT BORER, <i>LEUCINODES ORBONALIS</i> GUENÉE (LEPIDOPTERA: CRAMBIDAE) IN INDIA	Kariyanna B., Prabhuraj A., Mohan M., Bheemanna M., Basavaraj Kalmath, Pampanna Y. and Diwan J.R.	1255-1261
AGROMORPHOLOGICAL CHARACTERS OF AROMATIC RICE GERMPLASM	Sathish Kumar P., Sanjeeva Rao D., Praveen Kumar R., M.S.R.S.C. Sekhar, L.V. Subba Rao, A. Krishna Satya, P. Sudhakar and M.S. Madhav	1262-1269
A STUDY ON UTILIZATION OF INFORMATION AND COMMUNICATION TECHNOLOGIES BY THE EXTENSION PERSONNEL OF STATE DEPARTMENT OF AGRICULTURE IN TAMIL NADU	M. Kavaskar and S. Sharmila	1270-1272
POLLUTION INVESTIGATION ON TIGRIS RIVER WITHIN MOSUL AREA, IRAQ	Mazin Nazar Fadhel	1273-1277
BIOCHEMICAL RESPONSES OF TWO VARIETIES OF FABA-BEANS (SIDI AÏCH AND SUPER AGUADULCE) TO LEAD STRESS	El-Hadj Bouziani, Reguieg Yssaad Houcine Abdelhakim and Sliman Benouis	1278-1283
REVIEW ARTICLE: EFFECT OF LIMITED NUTRIENT AVAILABILITY ON THE DEVELOPMENT AND RELEVANCE OF ROOT CORTICAL AERENCHYMA	Vijendra Pal Singhal and Santosh Kumar Mehar	1284-1288
TRENDS AND SCOPE OF INDIAN HORTICULTURE: AN EMPIRICAL STUDY	Rajkumari Asha Devi and Avinash Kumar	1289-1292
MORPHOLOGICAL, BIOCHEMICAL AND PLANT GROWTH PROMOTING CHARACTERIZATION OF <i>RHIZOBIA</i> ISOLATED FROM ROOT NODULE OF <i>CAJANUS CAJAN</i> L	Swapna Nagalingam, T.V. Nithya, D. Gayathri, A.S. Sagarika, G. Supriya, D. Vidya, B. Kiran Kumar, Akhtar Rasool and Mohammad Imran Mir	1293-1299
RESPONSE OF MORPHOLOGICAL AND YIELD OF DIFFERENT LINSEED (LINUM USITATISSIMUM L.) GENOTYPE UNDER SALINITY STRESS	Atul Singh, Shashi Shekhar, Shailesh Marker, Nitin M. Labhane, P.K. Shukla, K. Prasada Rao, Sarita Srivastava and P.W. Ramteke	1300-1303
MORPHO-ANATOMICAL AND PALYNOLOGICAL STANDARDIZATION AND DNA BARCODING OF FRITILLARIA CIRRHOSA <i>D.</i> DON (SYN. FRITILLARIA ROYLEI <i>HOOK.)</i>	Kanwaljeet Singh, Pankaj Kumar, Bushan Kumar, Javaid Fayaz Lone, P.R. Sharma and Sumeet Gairola	1304-1313

TITLE	AUTHOR	PAGE NO.
COMBINED EFFECT OF <i>BACILLUS THURINGIENSIS</i> AND NUCLEAR POLYHEDROSIS VIRUS ON MORTALITY OF <i>SPODOPTERA LITURA</i>	Sanjay Yalashetti, Onkarappa Rudrappa and Mahesh Yandigeri	1314-1317
REVIEW ARTICLE: CUMULATIVE ROLE OF POLYSACCHARIDES IN MEDICINAL PLANTS: CURRENT UNDERSTANDING & FUTURE PROSPECTS	Abu Bakr Ahmad Fazili, Mohammad Afaan Fazili, Samee Ullah, Eijaz Ahmed Bhat and Yuanda Song	1318-1322
LABORATORY EVALUATION OF SOME INDIGENOUS RAW MATERIAL FOR DEVELOPMENT OF BAIT APPLICATION TECHNIQUE (BAT) AGAINST FRUIT FLY SPECIES, <i>BACTROCERA TAU</i> (WALKER)	Yendrembam K. Devi, M.M. Ibrahim and P.K. Mehta	1323-1328
CONTRIBUTION OF MAMMALS STUDY IN THE WESTERN RIF (NORTH WEST OF MOROCCO)	Nawal Hichami, Safaa Bendami and Abdelaziz Mounir	1329-1333
AN EMPIRICAL ANALYSIS OF AGRICULTURAL DIVERSIFICATION AND FOOD SECURITY IN HIMACHAL PRADESH	Avinash Kumar and Rajkumari Asha Devi	1334-1337
REVIEW ARTICLE: FERMENTATION OF FRUITS AND VEGETABLES	Nasreena Sajjad, Akhtar Rasool, Abu Bakr Ahmad Fazili and Eijaz Ahmed Bhat	1338-1342
CYTOLOGICAL ABERRATIONS IN M_2 MORPHOLOGICAL MUTANTS OF LINUM USITATISSIMUM (L.) INDUCED BY PHYSICAL AND CHEMICAL MUTAGENS	Roshan Jahan, Shazia Bi Ansari, Saima Malik and Samiullah Khan	1343-1348
MOLECULAR STUDY AND EFFECT OF RISK FACTORS ON INFECTION RATES OF THEILERIOSIS IN CAMELS IN MIDDLE OF IRAQ	Haider Hadi Alsaadi and Azhar Ali Faraj	1349-1354
COMPOSITIONAL PROFILING AND SENSORIAL ANALYSIS OF EXTRUDED PUFF PRODUCT USING CORN, RICE AND AMARANTH FLOUR	A.K. Jatav, D.K. Bhatt, Madhu and Anustha Dwivedi	1355-1359
ACTIVITY OF METABOLIC ENZYMES TOWARDS EXHIBITING INSECTICIDE RESISTANCE IN LEPIDOPTERAN INSECT PEST: AN INVITRO AND IN-SILICO STUDIES	Sharat Kumar Pattar, Riaz Mahmood, Sushil Kumar Jalali, Santosh Karanth, Siri Devi and Asma Saqib	1360-1366
AMBIENT AND ELEVATED OZONE (O ₃) IMPACTS ON POTATO GENOTYPES (<i>SOLANUM TUBEROSUM.L</i>) OVER A HIGH ALTITUDE WESTERN GHATS LOCATION IN SOUTHERN INDIA	V.S. Suganthy and C. Udayasoorian	1367-1373
REVIEW ARTICLE : BIOFERTILIZER: AN ALTERNATIVE OF SYNTHETIC FERTILIZERS	Swapnil Rai and Nidhi Shukla	1374-1379
MEDICINAL PLANT RESOURCES IN KURSEONG HILL AREA, DARJEELING, WEST BENGAL, INDIA	Rwitabrata Mallick and Nidhi Shukla	1380-1382
REVIEW ARTICLE: AGRONOMIC BIOFORTIFICATION OF FOOD CROPS WITH MICRONUTRIENTS	Augustine R. and D. Kalyanasundaram	1383-1387
STUDY OF GEOPOTENTIAL HEIGHT VALUES AND ITS INRACTION WITH TEMPERATURE DEGREE OVER BAGHDAD CITY, IRAQ	Wedyan G. Nassif, Hussain Abodi Nemah and Basim Abdul Sada	1388-1391
INNOVATION IN AGRICULTURE WITH REFERENCE TO WOMEN IN RURAL HARYANA, INDIA	Sumit, Meera Rani and Neera Verma	1392-1397
OPTIMIZATION OF HALOPHYTIC COMPOST ALONG WITH FARMYARD MANURE AND <i>RHIZOBIUM</i> ON GROWTH OF <i>VIGNA MUNGO</i> L.	Muzamil Ahmad Shah and K.C. Ravindran	1398-1405
USE OF FUNGI IN BIOREMEDIATION OF CONTAMINATED SITES WITH HYDROCARBONS	Omer Abduljabar Abdullah, Riyad Abdullah Fathi and Mazin Nazar Fadhel	1406-1410
ANALYSIS FCPOXS GENE EXPRESSION RESPONSIBILITY ON PEROXIDASE SYNTHESIS FOR TWO FIG CULTIVARS GROWING UNDER SALT STRESS AND TREATED WITH PROLINE AND NEUTRASOL	Doaa Ali Kadhem AL-hadrawi and Ali Saeed Atiyah AL-Janabi	1411-1420
MODEL TO DESCRIBE A SMALL OUT-BREAK OF DAMAGED GRAINS DUE TO INSECTS	Rakesh Yadav and Kirti Bhagirath	1421-1424
A STUDY ON THE CHARACTERISTICS OF THE RESPONDENTS AND THEIR KNOWLEDGE ON CROP INSURANCE SCHEME	Darling B. Suji and J. Karthiyaeeni	1425-1428
ESTIMATION OF HETEROSIS FOR EARLINESS AND CERTAIN GROWTH CHARACTERS IN RICE (ORYZA SATIVA L.)	C. Praveen Sampath Kumar, R. Sathiyabama, Darling B. Suji and Ajish Muraleedharan	1429-1432
POSTHARVEST HANDLING OF <i>ANTHURIUM ANDREANUM</i> CUT FLOWERS USING SILVER THIOSULPHATE (STS)	Ajish Muraleedharan	1433-1435
APPRAISEMENT OF VARIABILITY PARAMETERS OF GRAIN YIELD, YIELD COMPONENTS AND PROTEIN CONTENT IN BREAD WHEAT (TRITICUM AESTIVUM L.)	Abrar Yasin B., Rabindra Kumar and Manoranjan Kumar	1436-1439
EFFECT OF BIO PRODUCTS AND BIO INOCULANTS AGAINST PYRICULARIA GRISEA THE INCITANT OF BLAST DISEASE IN RICE	Darwin Christdhas Henry L., Pavithra Iyanraj S., Jaiganesh V., Sutha Raja Kumar R. and Thamarai Selvi M.	1440-1443
CULTURAL AND NUTRITIONAL FACTORS ON ENHANCING THE YIELD OF CALOCYBE INDICA (P&C)	Darwin Christdhas Henry L., Sowmiya A., Sutha Raja Kumar R., Thamarai Selvi M. and Jaiganesh V.	1444-1446
INFLUENCE OF SPRAYING WITH COPPER ELEMENT AND GROWTH REGULATOR (FLORATONE) ON GROWTH AND YIELD OF POMEGRANATE TREES (WONDERFUL CULTIVAR)	Zahraa F. Hussein and Ahmed Mohammed Hasan	1447-1453
ESTIMATION OF HEAVY METALS IN WATER, SEDIMENTS AND BIOACCUMULATION IN TWO SPECIES OF MOLLUSCA: CLAM PSEUDODONTOPSIS EUPHRATICUS AND SNAIL BELLAMYA BENGALENSIS IN EUPHRATES RIVER IN AL-NASIRIYAH CITY, SOUTH OF IRAQ	Qasim Mohammed Al-Taher, Manal M. Akbar and Imad H. Al-Qarooni	1454-1460
THE ROLE OF EXTENSION TRAINING IN DEVELOPING THE CAPABILITIES OF AGRICULTURAL EMPLOYEES IN THE SUSTAINING FIELD OF AGRICULTURAL NATURAL RESOURCES IN THE PROVINCE OF THE CENTRAL REGION OF IRAQ	Agadir Kareem Ibrahim and Ashwaq Abdul Al Razzaq Naji	1461-1466

TITLE	AUTHOR	PAGE NO.
WEED MANAGEMENT AND BIOFERTILIZER EFFECTS ON PRODUCTIVITY OF TRANSPLANTED RICE	S. Krishnaprabu	1467-1470
TILLAGE EFFECTS ON WEED BIOMASS AND YIELD OF DIRECT- SEEDED RICE	S. Krishnaprabu	1471-1473
INHIBITORY EFFECTS OF EMULSIFYING SALTS STPP AND NACL ON KLEBSIELLA PNEUMONIAE CONTAMINATION SOFT CHEESE COW'S SAMPLES COLLECTED FROM VENDED IN BABYLON GOVERNORATE, IRAQ	Amer Jebur Obayes Al-Isawi, Mohamed Ibrahem Rhma and Manal Hadi Ghaffoori Kanaan	1474-1477
CLINICAL DIAGNOSIS AND THERAPEUTIC STUDY OF PICA IN IRAQI LOCAL COWS	Ahmed Hamzah Mosa, Omar-Althani Shareef Saed Albayati and Karrar Jasim Hamzah	1478-1482
STUDIES ON INTERRELATIONSHIP AND PATH ANALYSIS IN WHEAT (TRITICUM AESTIVUM L. EM THELL) FOR YIELD AND COMPONENT TRAITS	Nusrat Jan, Rumisa Shakil and Subhash C. Kashyap	1483-1486
EXTRACTION OF PEPPERMINT VOLATILE OIL USING A SIMPLE CONSTRUCTED STEAM DISTILLATION SYSTEM	Mona N. Radwan, M.M. Morad, M.M. Ali and Kamal I. Wasfy	1487-1491
THE EFFECT OF SOME PLANT GROWTH RETARDANTS AND WATER STRESS ON SOME TRAITS OF SORGHUM (SORGHUM BICOLOR L. MOENCH) STEM	Mushtaq Aboud Hassan Al-Naily and Basheer Abdullah Ibraheem	1492-1499
EFFECT OF ADDING MORINGA OLIEFERA L. LEAVES POWDER AND ENZYME PREMIX IN DIET ON PRODUCTION PERFORMANCE, EGG QUALITY AND SENSORY TRAITS OF ISA BROWN LAYING HEN	Koja Abbas A., Qana H. Ameen Al- Jabary and Aryan Rshid Kareem	1500-1505
EFFICIENCY OF DIFFERENT TREATMENTS IN CONTROLLING INSECT (TROGODERMA GRANARIUM) IN STORAGE OF WHEAT GRAIN	Fouad A. Abdullah.; Ghassan. F.Al- Samarrai. and Wael. M. Mahdi	1506-1508
BACTERIAL CONTAMINATION OF SMALL PAPER CURRENCIES IN THE CITY OF SAMARRA, IRAQ	Afrah Abdullah Jassim, Afrah Toama Khalaf and Ayat Muaffaq	1509-1511
DISTRIBUTION OF SOME HEAVY METALS IN WATER AND TWO SPECIES OF FISH IN EUPHRATES RIVER IN NASSIRIYA CITY OF SOUTHERN IRAQ	Afaq T. Farhood and Ghassan A. Ali	1512-1516
EFFECT OF SPRAYING DIFFERENT CONCENTRATIONS OF HUMIC ACID ON THE GROWTH AND YIELD OF WHEAT CROP (IPA 99 CULTIVAR) IN DIFFERENT STAGES	Zeyad Hazim Chassab Alfatlawi and Sabreen Hazim Abdul Wahid Alrubaiee	1517-1521
SEASONAL ABUNDANCE OF POPLAR LACE BUG, MONOSTEIRA UNICOSTATA MULS. & REY. (HETEROPTERA – TINGIDAE) IN THE FOREST GARDENS OF TURKEY	Shaheen Abbas Mustafa, Zeynel Arslangundogdu and Erdem Hizal	1522-1526
GROUNDNUT IMPROVEMENT : DROUGHT STRESS AND WATER USE EFFICIENCY OF SOME PEANUT GENOTYPES GROWN UNDER NEWLY RECLAIMED SOIL	Saied A. Shrief, Ashraf A. Abd El-Mohsen, Hashim M. Abdel-Lattif, Mohamed El Soda, H.S. Zein and Mahmoud M. Mabrouk	1527-1536
GENETIC POLYMORPHISM IN NOS GENE AND CORRELATED WITH PEROXYNITRITE LEVEL VARIANT IN T2DM OF IRAQI PATIENTS	Nadhim M.H.	1537-1543
CRYPTOSPORIDIUM SPP.: CONVENTIONAL AND MOLECULAR DETECTION IN WILD PIGEONS (COLUMBA LIVIA) IN BABYLON PROVINCE, IRAQ	Mohammed K.A. Altamimi and Mohammed T.S. Al-Zubaidi	1544-1548
TOXIC RESIDUE OF CHEMICAL ELEMENTS IN DIFFERENT FRUITS AS A RESULT OF EXCESSIVE FERTILIZATION AND MISUSE OF AGRICULTURAL PESTICIDES IN IRAQ	Hadi Abudul Jaleel Naas and Hiba Yousef Saleh	1549-1551
EFFECT OF COATED UREA AND NITROGEN LEVELS ON NITROGEN UPTAKE BY WHEAT (<i>TRITICUM AESTIVUM</i> L.)	Faisal Mihbes Al-Taher and Ragheb Hadi Ajme Al-Bourky	1552-1556
EFFECT OF HARVESTER COMBINES LOAD ON VIBRATION DOSE VALUES	Ayad Jameel Alkhafaji and Abdulaziz A. Almosawi	1557-1560
AN EPIDEMIC MODEL TO PREDICT THE EFFECT OF INFECTION ON POPULATION OF INDIA BY COVID-19 CORONA VIRUS	Rakesh Yadav and Kuldeep Singh	1561-1564
THE RELATIONSHIP OF DERMCIDIN ISOFOREM-2 WITH THE OCCURRENCES AND SEVERITY OF DIABETES TYPE 2	Maysaa Jalal Majeed and Ali Abdulraheem Jabbar	1565-1569
A REVIEW ON SUCCESSFUL PROTECTED CULTIVATION OF BANANA (MUSA)	Lal Bahadur, Anmol, Damandeep Singh and Shailesh Kumar Singh	1570-1573
CHARACTERIZATION AND CLASSIFICATION OF SALT-AFFECTED SOILS OF KAPURTHALA DISTRICT IN PUNJAB, NORTH-WEST, INDIA	Jaihoon Rafie and Raj-Kumar	1574-1583
EFFECTS OF COMBINING <i>IN OVO</i> INJECTION BY NUTRITIVE SOLUTIONS AND EARLY POST-HATCH NUTRITION ON PRODUCTIVE PERFORMANCE OF BROILER	Ola Mahdi Alsultan, Fadhel Rasoul Abbas Al-Khafaji and Hashim Naji Gmash	1584-1591
USE OF UNSATURATED HYDRAULIC CONDUCTIVITY FUNCTION IN CALCULATING CAPILLARY FLOW FROM GROUNDWATER	Nameer T. Mahdi and Hussein A. Mohammed	1592-1598
THE EFFECT OF ADDING ORGANIC FERTILIZERS (COWS) AND THIAMINE AND THEIR INTERACTION ON THE GROWTH OF GRAPE SEEDLINGS (KAMALI CULTIVAR)	Mawaheb Mabhet Hussen	1599-1603
RESPONSE OF ORCHID CUT FLOWERS AS AFFECTED BY FLORAL PRESERVATIVES ON THE POSTHARVEST QUALITY	Ajish Muraleedharan, K. Sha, S. Kumar, G. Usha, P.K. Karthikeyan, C. Praveen Sampath Kumar and J.L. Joshi	1604-1607
RELATIONSHIP AMONG MEAN, COMBINING ABILITY AND STANDARD HETEROSIS IN RICE (<i>ORYZA SATIVA</i> L.)	C. Praveen Sampath Kumar, R. Sathiyabama, J.L. Joshi, Darling B. Suji and Ajish Muraleedharan	1608-1611
CORRELATION AND PATH ANALYSIS OF YIELD AND YIELD ATTRIBUTING TRAITS OF OKRA (ABELMOSCHUS ESCULENTUS L. MOENCH)	Sri Ranganayaki S., Joshi J.L., Ajish Muraleedharan, Praveen Sampathkumar C. and Ebenezer Babu Rajan R.	1612-1614
A STUDY ON THE KNOWLEDGE AND ATTITUDE ON CROPINSURANCE SCHEME	Darling B. Suji, J.Karthiyaeeni and C. Praveen Sampath Kumar	1615-1619

TITLE	AUTHOR	PAGE NO.
COMPARATIVE ASSESSMENT OF DIFFERENT TYPES OF MULCHING IN VARIOUS CROPS : A REVIEW	Manpriya Chopra and Bhupendra Koul	1620-1626
ANTIMICROBIAL ACTIVITY OF <i>AJUGA PARVIFLORA</i> LEAF EXTRACT MEDIATED ZINC OXIDE NANOPARTICLES	M.C. Purohit, Anuj Kandwal, Arun K. Khajuria, Mahender Singh and Rashmi Rawat	1627-1630
COMPETITIVE AND FACILITATIVE EFFECTS OF INTERCROPPING SOME SOYBEAN VARIETIES WITH CORN UNDER DIFFERENT SOYBEAN PLANT DENSITIES	Sherif I. Abdel-Wahab and Eman I. Abdel-Wahab	1631-1639
THE USE OF NANO-FERTILIZERS FOR SOME MICRONUTRIENT AND THEIR EFFECT ON GROWTH AND YIELD OF SWEET PEPPER (CAPSICUM ANNUUM L.)	A. Sabah L. Assi, Mohammed T. Abu Al- Mikh and Hameed K. Abdul-Ameer	1640-1646
DETECTION OF ACTIVE COMPOUNDS IN RADISH RAPHANUS SATIVUS L. AND THEIR VARIOUS BIOLOGICAL EFFECTS	Nidhal Abdulhadi Jaafar, Abduljbar S. Ahmed and Dhulfiqar L. Al-Sandooq	1647-1650
THE EFFECT OF HUMIC FULVIC ACID AND LICORICE (<i>GLYCYRRHIZA GLABRA</i>) EXTRACT ON GROWTH AND YIELD OF OKRA (<i>ABELMOSCHUS ESCULENTUS</i> L.)	Naser Habeeb Mhaibes and Falah Hasan Issa	1651-1653
INDUCTION OF CALLUS ON VARIOUS EXPLANTS OF ARUGULA PLANT (<i>ERUCA SATIVA</i> MILL.) USING THE GROWTH REGULATORS (2,4-D AND KINETIN)	Ayad Ali Hunaish and Mohammed Mehdi Muhsen Almasoody	1654-1660
THE EFFECTIVENESS OF ASTAXANTHIN ADDED TO THE DIET FOR IMPROVING PRODUCTIVE EFFICIENCY, TRAITS FOR BROILER CHICKENS EXPOSED TO OXIDATIVE STRESS	Ghufran Hassan Ulaiwi and Fadhel Rasoul Abbas Al-Khafaji	1661-1666
EFFECT OF SPRAYING DATES AND THE CONCENTRATIONS OF SOME MICRO-NANO FERTILIZERS ON GROWTH AND PRODUCTIVITY OF FABA BEAN (VICIA FABA L.)	Ali H. Noaema, Sundus K.J. Alhilfi, Ali R. K. Al-Hasany and Mohammed H. Noor Aljana	1667-1671
EFFECT OF BIOLOGICAL SEED PRIMING METHODS ON FIELD PERFORMANCE AND SEED QUALITY OF BLACK GRAM (VIGNA MUNGO L.). CV. VBN 5	G. Vighneshawaran, R. Ebenezer Babu Rajan, C. Praveen Sampath Kumar, J. Sam Ruban, J.L. Joshi and Ajish Muraleedharan	1672-1674
THE EFFECT OF DIFFERENT STORAGE METHODS ON THE PHYSICAL & CHEMICAL PROPERTIES OF ZAHIDI DATES	Muna N. Khalaf, Zahraa Reasan Kareem and Abd A. Alwan Al-Tai	1675-1678
IN VITRO SENSITIVITY OF DERMATOPHYTE FUNGUS MICROSPORUM AUDOUINII TO FUNGAL FILTRATE OF PLEUROTUS OSTREATUS AND TRICHODERMA HARZIANUM	Duaa Mahdi Kadhim, Kareem Tuama Shnawa and Mohammed Jubair Hanawi	1679-1684
EFFECT OF ADDITIVE GARLIC, BLACK SEEDS AND LETTUCE LEAVES IN DIET OF LOCAL LAYERS HEN ON PERFORMANCE, CARCASS QUALITIES CHARACTERISTIC AND CHEMICAL COMPOSITION	Hasan Abdullah Mohammed and Saman Rahman Razaaq	1685-1690
WASTEWATER TREATMENT BY USING LOCALLY ISOLATED ALGAE SPECIES COELASTRELLA TERRESTRIS (REISIGL)	Hasnaa H. Al Raie, Jinan S. Al Hassany and Khalid A. Rasheed	1691-1695
DRUG UTILIZATION EVALUATION AND PRICE VARIABILITY STUDY OF NON-STEROIDAL ANTI-INFLAMMATORY DRUGS IN THE ORTHOPAEDIC DEPARTMENT OF A TERTIARY CARE HOSPITAL	Fresty Paul, Nirmal Babu, Sharad Chand, Vinay B.C., Nandakumar U.P. and Bharath Raj K.C.	1696-1701
FARMERS PERCEPTION ABOUT INTERACTIVE MULTIMEDIA COMPACT DISC (IMCD) IN TIRUVANNAMALAI DISTRICT OF TAMIL NADU, INDIA	Kavaskar M., Kalidasan T., Vengatesan D. and Santha Govind	1702-1705
EFFECT OF CADAVERINE ON CULTIVARS OF TOMATO [LYCOPERSICON ESCULENTUM (L.) EM. THELL] UNDER MULTIPLE STRESS	Charu Rajpal and Pushpa C. Tomar	1706-1709
PRODUCTION OF CITRIC ACID USING PINEAPPLE PEELS AS THE SUBSTRATE BY LOCALLY ISOLATED AND MTCC 281 ASPERGILLUS NIGER STRAINS	Khadijah Al Khadir and Mazharuddin Khan	1710-1713
A PRELIMINARY SURVEY OF LICHEN EXISTENCE IN URBAN POCKETS OF KASHMIR, INDIA	Asma Hussan Wani and Ali Rahim	1714-1717
DEVELOPMENT AND EVALUATION OF PROTEIN RICH EXTRUDED PUFFED PRODUCT USING CORN, RICE, AND SOY PROTEIN ISOLATE (SPI) FLOUR	A.K. Jatav and D. K. Bhatt	1718-1721
RELATIONSHIP OF CYP19 EXON4 POLYMORPHISM WITH GENITAL HORMONES IN LOCAL AWASSI EWES	Razzaq Nasser Abed, Yousif Hamad Kareem and Haider Malik Abed Ali	1722-1727
RESPONSE OF GROWTH AND YIELD OF TWO VARIETIES OF RAPESEED (BRASSICA NAPUS L.) TO DIFFERENT CONCENTRATIONS OF HUMIC ACID	Waleed Khalid Shahatha Al-Juheishy	1728-1733
EFFECT OF CASTOR PLANT (<i>RICINUS COMMUNIS</i>) EXTRACTS ON THE TERRESTRIAL SNAIL <i>MONACHA OBSTRUCTA</i> (FERUSSAC)	Eman Abdelrazek Abdelhady Ahmed	1734-1742
ANDROGENIC AND SPERMATOGENIC POTENTIAL OF METHANOLIC EXTRACTS OF <i>TRIBULUS TERRESTRIS</i> IN REPRODUCTIVELY DISRUPTED MALE ALBINO RATS	Mahima Sharma, Dharmendra Arya, Kiran Bhagour and R.S. Gupta	1743-1747
MICRONUTRIENT ENCAPSULATION USING NANOTECHNOLOGY: NANOFERTILIZERS	Tanya Kalra, Pushpa C. Tomar and Komal Arora	1748-1753
REVIEW ARTICLE : CADAVERINE : A DIAMINE PRESENCE & ROLE IN PLANTS	Charu Rajpal and Pushpa C. Tomar	1754-1763
CASSAVA PRODUCTION AND FOOD SECURITY OF CASSAVA FARMERS' HOUSEHOLD, LAMPUNG, INDONESIA	Ktut Murniati, Sudarma Widjaya, Rabiatul Adawiyah and Indah Listiana	1764-1768
AN ECONOMIC STUDY OF THE MARKETING WINDOWS OF THE EGYPTIAN POTATO CROP FOR THE MOST IMPORTANT FOREIGN MARKETS	Eman Abd Elghafour Ahmed and Walaa Ali Mohamed	1769-1777
AN ECONOMIC STUDY OF THE EFFECT OF AGRICULTURAL POLICIES ON VEGETABLE OILS IN EGYPT	Eman Abd Elghafour Ahmed, Walaa Ali Mohamed and Esam Mohamed Zaki	1778-1782

TITLE	AUTHOR	PAGE NO.
REVIEW ARTICLE : TRADITIONAL TO MODERN APPROACHES TO MODULATE OBESITY	Sayli Dalvi, Bhagyashree S. Mundhe, Shital R. Ghode, Swati Talele and Anil Jadhav	1783-1792
ASSESSMENT OF FOREST FIRE RISK AND FORESTRY SPECIES DEGRADATION USING GIS AND REMOTE SENSING IN WESTERN OF ALGERIA	Fekir Youcef; Mederbal Khalladi; Larid Mohamed; Hamadouche Mohammed Amine and Anteur Djamel	1793-1800
ESTIMATION OF GENETIC PARAMETERS FOR WEIGHTS AT DIFFERENT AGES IN LOCAL IRAQI BUFFALOES	Allawi Luaibi Dagher Al-Khauzai	1801-1804
THE INFLUENCE OF FOLIAR APPLICATION OF WHEY AND PERIODS OF CUTTING ON SOME GROWTH PARAMETERS AND FORAGE YIELD IN SORGHUM (VAR.BOHOOTH 70)	H.A. Salih and H.K.H. Khrbeet	1805-1811
USING SOME SPECTRAL EVIDENCE TO STUDY THE HYDROLOGICAL PROPERTIES OF THE TIGRIS BASIN FROM THE BACK OF THE KUT DAM TO ALI GHARBI	Jawad Ali Falah and Mohammed Kareem Najm	1812-1817
THE EFFECT OF TOTAL AND PARTIAL SUBSTITUTION OF FERMENTED AND UNFERMENTED ECHINOCHLOA CRUS-GALLI SEEDS BY PLEUROTUS OSTREATUS INSTEAD OF YELLOW CORN CONTAMINATED WITH AFLATOXINS ON SOME PRODUCTIVE TRAITS OF BROILER MEAT	Thair J. Baqr Al-Shaam, Aqeel Y. Alshukri and Majeed M. Dewan	1818-1824
EFFECT OF SUPPLEMENTATION DIET WITH GARLIC POWDER (ALLIUM SATIVUM) AND ORGANIC ACID ON SOME HEMATOLOGICAL AND BIOCHEMICAL TRAITS IN BROILER	Zahraa Adnan Abd AL-Gabar and Mayada Fadil Mohammed	1825-1829
EFFECT OF ELECTROMAGNETIC WAVES EMITTED FROM CELLULAR PHONE ON SOME DILUTED SEMEN CHARACTERISTICS OF AWASSI RAM IN VITRO	Hayder Mohammed Hassan Habeeb, Ibrahim Hamza Yasser Al-Awadi and Dheyaa Hamza Yasser Al-Awadi	1830-1833
RESPONSE OF TWO CULTIVARS OF OKRA ABELMOSCHUS ESCULENTUS (L.) MOENCH TO SPRAYING WITH AMINO ACIDS ON SOME GROWTH AND YIELD PARAMETERS	Hayder Sadaq Jaafar and Shafaq Abdul Mohsen Gleikh	1834-1837
ISOLATION AND IDENTIFICATION OF BACTERIA FROM IRAQI WOMEN WITH RECURRENT URINARY TRACT INFECTION	Husein Mahmood Abbas and Harith Jabbar Fahad Al-Mathkhury	1838-1842
A REVIEW ON HELICOBACTER PYLORI INFECTION IN CHILDREN	Mostafa Mohammed Atiyah	1843-1848
STUDY OF LEVEL DRY LAND FERTILITY IN SUMBERKIMA VILLAGE, BULELENG REGENCY, BALI, INDONESIA	Made Sri Sumarniasih and Made Antara	1849-1853
RELATIONSHIP BETWEEN SOCIO-ECONOMIC AND PSYCHOLOGICAL CHARACTERISTICS OF THE PADDY GROWERS WITH THEIR EXTENT OF ADOPTION OF RECOMMENDED PADDY CULTIVATION TECHNOLOGIES	Jeremy Konsam and V. Sakthivel	1854-1856
FIELD EVALUATION OF SYNTHETIC PHEROMONE, ALLOMONE, PALM KAIRMONE AND ESTER IN CAPTURING ADULT RED PALM WEEVILS, RHYNCHOPHORUS FERRUGINEUS (OLIVIER) BY AGGREGATION PHEROMONE TRAPS IN DATE PALM PLANTATIONS	Olfat E. Arafa	1857-1862
OPTIMIZING THE VARIED LEVELS OF NITROGEN AND POTASSIUM ON YIELD OF SOIL-LESS CULTURE OF BRINJAL (SOLANUM MELONGENA L.) USING DIFFERENT MEDIA	G. Sajiv, A. Anburani, K. Sekar and K. Muthumanickam	1863-1865
GREEN LEAFY VEGETABLES USED BY SEVEN TRIBES OF ODISHA, INDIA	Sagarika Parida and Gyanranjan Mahalik	1866-1871
COMPARING THE APPLICATION OF VARIOUS FORMS OF FERTILIZER ON NUTRIENT UPTAKE OF EGGPLANT (SOLANUM MELONGENA L.) UNDER SOIL AND SOILLESS CULTURE	G. Sajiv, C. Muruganandam and P. Anusa	1872-1874
IDENTIFICATION AND ESTIMATION OF CARBOHYDRATE AND AMINO ACIDS CONTENTS OF MUCILAGE FROM CALLUS CULTURES OF <i>PLANTAGO LANCEOLATA</i> L.	Talfan Anad Ahmad, Muthana Muhamad Ibrahem and Zainab Mohammed Chloob	1875-1879
COMPARATIVE OF LOCALLY PREMIX (CARRIER <i>MEDICAGO HISPIDA</i> LEAFS MEAL) WITH IMPORTED PREMIXES IN DIETS ON THE BROILER PERFORMANCE	Amalbaneen Hussain Hadi Alhadad and Ali Mahmood Amer Alkassari	1880-1886
THE EFFECT OF SPRAYING NANO POTASSIUM, ARGININE AND TRYPTOPHAN ON SOME VEGETATIVE AND QUALITATIVE TRAITS OF EGGPLANT PLANT SOLANUM MELONGENA	Amer Murad Mohammed Al-Sultani and Aqeel Kareem Hasan Al-Tufaili	1887-1890
THE EFFECT OF GIBBERELLIN AND TRYPTOPHAN ON SOME VEGETATIVE AND QUALITATIVE CHARACTERISTICS OF SWEET BASIL	Noor Sabbar Kadhim AL-Shahmani and Aqeel Kareem Hasan Al-Tufaili	1891-1894
THE EFFECT OF HYDROXYTYROSOL (HXT) AND A LOCAL OLIVE OIL EXTRACT ON THE LEVEL OF HEPCIDIN HORMONE AND PATHOLOGICAL HISTOLOGICAL CHANGES WITH IRON DEPOSITION IN THE AORTA RESULTING FROM INDUCED HYPERLIPIDEMIA IN MALE RATS	Qays Assi Ahmed, Saleh M. Rahim and Aziz Khalid Hameed	1895-1902
EFFECT OF USING FIGS AND OLIVE LEAVES POWDER IN THE DIET ON PRODUCTIVE PERFORMANCE FOR BROILER CHICKENS (ROSS-308)	Basem Mandeel Malik Al Sharif and Saad Muhsin Kadhim Al-Jashami	1903-1907
INFLUENCE OF BRUCELLA MELITENSIS ON MDA OXIDATIVE STRESS AND COMET ASSAY DNA DAMAGE AND PATHOLOGICAL CHANGE IN THE INTERNAL ORGAN OF FEMALE RATS IMMUNIZED WITH REV-1 AND GOLD NANOPARTICLES	Ali Jalil Jihad and Eman Hashim Yousif	1908-1914
EXTRACTION AND ANALYSIS OF A. FLAVUS MYCOTOXINS WITH HISTOPATHOLOGICAL STUDY ON DIFFERENT ORGANS OF MALE RATS	Sadeq Obayes Kadhim and Inam Badr Faleh	1915-1923
A STUDY ON THE KNOWLEDGE EXTENT TO RECOMMENDED VEGETABLE CULTIVATION PRACTICES IN KANPUR DISTRICT OF UTTAR PRADESH, INDIA	Sharad Sachan	1924-1925

THE ROLE OF DIETARY SUPPLEMENTATION OF TOWN BINDING (TOXEGOWER POSTE) ON SOME PHYSIOLOGICAL PRANAETERS IN CONTROL OF CRUDE OIL STREET, CONTROL OF CRUDE OIL SUBJECT AND THE PROPERTY OF THE PR	TITLE	AUTHOR	PAGE NO.
SUBLETHAL DOSES OF WATER SOLUBLE FRANCINO OF CRUIDE OF THE SECONOMY OF SEC	THE ROLE OF DIETARY SUPPLEMENTATION OF TOXIN BINDING	Avub Vounie Anwar Sarbaz Ibrahim	
ROLE OF HEAT SHOCK PROTEIN IN SEED SCIENCE AND TICKNONCOCY, AREVIEW. 1938-1940 TECHNONCOCY, AREVIEW. 1941-1944 AND THE CONTRACT AREVIEW OF PLANT WITH CONTRACT AND AND THE PROPERTY METALS. ON LEAPY VEGETABLE (TRIGOWELLA AND AND THE PROPERTY METALS ON LEAPY VEGETABLE (TRIGOWELLA AND AND THE PROPERTY METALS). 1941-1944 AND CONTRACT AND CONTRACT AND AND THE PROPERTY METALS. 1941-1945 AND AND AND THE PROPERTY METALS. 1941-1946 AND	JUVENILE COMMON CARP CYPRINUS CARPIO EXPOSED OF	,	1926-1937
EFFECT OF HEAVY METALS ON LEAFY VEGETABLE (TRIGOVELLA Rajanelly Sangameshwar, Akhtar Rasool TRE-REPROLUSIONS OF DEVELOPMENT: BRICK KILNS A BOON (ECONOMY) OF DEVELOPMENT (ECONOMY) OF DEVELOPME	ROLE OF HEAT SHOCK PROTEIN IN SEED SCIENCE AND	Neha Thakur	1938-1940
THE REPERCUSIONS OF DEVELOPMENT: BRICK KILNS A BOON IECONOMY, OR BANE (ENVIRONMENT). AN OSSERVATION MAD A SET ALL STATES IN COORDINATE CONTROL OF THE WOOD RESOURCES AND INCOMINATION OF SOME AIR PARAMETERS AND ENVIRONMENT AND OSSERVATION AND ASSERVATION AND ASSERVATIVE A	EFFECT OF HEAVY METALS ON LEAFY VEGETABLE (TRIGONELLA		1941-1944
THEIR USE PATTERN IN RURAL, VILLAGES OF WESTERN HIMALAYA, INDIA MEDIGINAL PLANTS USED TO MANAGE CNS AND MEMORY.RELATED MEDICINAL PLANTS USED TO MANAGE CNS AND MEMORY.RELATED MEDICINAL PLANTS USED TO MANAGE CNS AND MEMORY.RELATED MEDICINAL PLANTS USED TO MANAGE CNS AND MEMORY.RELATED MEMORITHE PRESERVATIVES AND IRRIGATION LEVEL STANDARD LADAHULTI, INDIA. INFOLUNCE OF MOISTURE PRESERVATIVES AND IRRIGATION LEVEL STANDARD LADAHULTI, INDIA. INFOLUNCE OF MOISTURE PRESERVATIVES AND IRRIGATION LEVEL STANDARD LADAHULTI, INDIA. INFOLUNCE OF MOISTURE PRESERVATIVES AND IRRIGATION LEVEL STANDARD LADAHULTI, INDIA. INFOLUNCE OF MOISTURE PRESERVATIVES AND IRRIGATION LEVEL STANDARD LADAHULTI, INDIA. INFOLUNCE OF MOISTURE PRESERVATIVES AND IRRIGATION LEVEL STANDARD LADAHULTI, INDIA. INFOLUNCE OF MOISTURE PRESERVATIVES AND IRRIGATION LEVEL STANDARD LADAHULTI, INDIA. INFOLUNCE OF MOISTURE PRESERVATIVES AND IRRIGATION LEVEL STANDARD LADAHULTI, INDIA. INFOLUNCE OF MOISTURE PRESERVATIVES AND IRRIGATION LEVEL STANDARD LADAHULTI, INDIA. INFOLUNCE OF MOISTURE PRESERVATIVES AND IRRIGATION OF MOISTURE PRESERVATIVES AND IRRIGATION OF MOISTURE PRESERVATIVES AND IRRIGATION OF MOISTURE PRESERVATIVE STANDARD LADAHULT AND DATE OF MANAGEMENT STANDARD LADAHULT AND DATE OF MOISTURE PRESERVATIVE STANDARD LADAHULT AND DATE OF MOISTURE PRESERVATIVE STANDARD LADAHULT AND DATE OF MOISTURE PRESERVATIVE STANDARD LADAHULT AND DATE OF MOISTURE PRESERVATIVE OF	THE REPERCUSSIONS OF DEVELOPMENT : BRICK KILNS A BOON (ECONOMY) OR BANE (ENVIRONMENT). AN OBSERVATION MADE		1945-1948
PROBLEMS BY INDIGENOUS COMMUNITIES OF JAMMU & KASHMIR INFLUENCE OF MOISTURE PRESERVATIVES AND IRRIGATION LEVEL. ON GROWTH AND YIELD OF CUCLOMBER STUDY OF THE EFFECT OF PRUNING LEVEL, GROWTH REGULATOR CHARACTERISTICS OF VEGETATIVE GROWTH AND LEAF CONTENT ONE STUDY OF THE EFFECT OF PRUNING LEVEL, GROWTH REGULATOR CHARACTERISTICS (VITS VIMPERA L.) VAR. OLIVETTE ONE STUDY OF THE EFFECT OF PRUNING LEVEL, GROWTH REGULATOR COPPU AND THE ADDITION OF ORGANIC FERTILIZER ON THE CULALITATIVE AND CULANTITATIVE VIELD CHARACTERISTICS (VITS) WINDERA L.) VAR. OLIVETTE MODULATING EFFECT OF PRUNING LEVEL, GROWTH REGULATOR COPPU AND THE ADDITION OF ORGANIC FERTILIZER ON THE CULALITATIVE AND CULANTITATIVE VIELD CHARACTERISTICS (VITS) WINDERA L.) CULTUTE NOISE (FERTILIZER ON THE CULALITATIVE AND CULANTITATIVE VIELD CHARACTERISTICS (VITS) WINDERA L.) CULTUTE NOISE (FERTILIZER ON THE CULALITATIVE AND CULANTITATIVE VIELD CHARACTERISTICS (VITS) WINDERA L. MODULATING EFFECT OF GLYCYRRHIZIN ON PLASMA R. Kowsalya, A. Vinoth and M. ANTHARCENE INDUCED HAMSTER BUCCAL POUCH CARRIOGOENES ACTIVITY OF ETHYL. ACCETATE OF MIMOSOA PUDICAL LEAVES AGAINST PARACETAMOL INDUCED IN ALBINO CHARACTERISTICS OF MIMOSOA PUDICAL LEAVES AGAINST PARACETAMOL INDUCED IN ALBINO CHARACTERISTICS OF MIMOSOA PUDICAL LEAVES AGAINST PARACETAMOL INDUCED IN ALBINO CHARACTERISTICS OF MIMOSOA PUDICAL LEAVES AGAINST PARACETAMOL INDUCED IN ALBINO CHARACTERISTICS OF MIMOSOA PUDICAL LEAVES AGAINST PARACETAMOL INDUCED IN ALBINO CHARACTERISTICS OF MIMOSOA PUDICAL LEAVES AGAINST PARACETAMOL INDUCED IN ALBINO CHARACTERISTICS OF MIMOSOA PUDICAL LEAVES AGAINST PARACETAMOL INDUCED IN ALBINO CHARACTERISTICS OF MIMOSOA PUDICAL L	THEIR USE PATTERN IN RURAL VILLAGES OF WESTERN HIMALAYA, INDIA		1949-1958
INFLIENCE OF MOISTURE PRESERVATIVES AND IRRIGATION LEVEL ON GROWTH AND YIELD OF CUCUMBER STUDY OF THE EFFECT OF PRUNING LEVEL, GROWTH REGULATOR OF THE EFFECT OF PRUNING LEVEL, GROWTH REGULATOR OF INFLIENCE CONTROL OF ORGANIC FERTILIZER ON THE CHARACTERISTICS OF VEGETATIVE GROWTH AND LEAF CONTENT OF IRE OF THE EFFECT OF PRUNING LEVEL, GROWTH AND LEAF CONTENT OF THE EFFECT OF PRUNING LEVEL, GROWTH REGULATOR OF THE EFFECT OF GLYCYRHIZIN ON PLASMA QUYCOCONJUGATES STATUS IN 7, 12 DIMETHYL BEDEVALA ANTHRAGENE INDUCED HAMSTER BUCCAL POUCH CARCINGOGENES AGAINST VARIETY MODULATING EFFECT OF GLYCYRHIZIN ON PLASMA QUYCOCONJUGATES STATUS IN 7, 12 DIMETHYL BEDEVALA ANTHRAGENE INDUCED HAMSTER BUCCAL POUCH CARCINGOGENES AGAINST PARACETAMOL INDUCED IN ALBINO EXTENT OF IRAQI CONSUMER INTERESTED IN CHOOSING OF FOOD PRODUCTS BERAING QUALITY AND SAFETY CERTIFICATE IMMUNOHISTOPATHOLOGICAL AND IMMUNOLOGICAL EVALUATION OF INSTERBAND AND SAFETY CERTIFICATE IMMUNOHISTOPATHOLOGICAL AND IMMUNOLOGICAL EVALUATION OF INSTERBAND AND SAFETY CERTIFICATE IMMUNOHISTOPATHOLOGICAL AND IMMUNOLOGICAL EVALUATION OF INSTERBAND AND SAFETY CERTIFICATE IMMUNOHISTOPATHOLOGICAL AND IMMUNOLOGICAL EVALUATION OF INSTERBAND AND SAFETY CHROMES EFFECT OF HONEY IN THE STERILIZATION OF EXPLANT IN VITRO EVALUATION OF THE PREFORMANCE OF INTRODUCED VARIETIES EFFECT OF HONEY IN THE STERILIZATION OF EXPLANT IN VITRO EVALUATION OF THE PREFORMANCE OF INTRODUCED VARIETIES ENAMANA FRUIT PELS AS CAPPING AND REDUCING AGENTS TO CREATING CADMIUM OXIDE NANOPARTICLES AND EVALUATION ITS CREATING CADMIUM OXID	PROBLEMS BY INDIGENOUS COMMUNITIES OF JAMMU & KASHMIR		1959-1974
STUDY OF THE EFFECT OF PRUNING LEVEL, GROWTH REQULATOR CPPU AND THE ADDITION OF ORGANIC FERTILIZER ON THE CHARACTERISTICS OF VEGETATIVE GROWTH AND LEAF CONTENT OF (K.P.N.) FOR THE GRAPES (VITS VINVERAL L.) VAR. DUENTE NOIER OF THE GRAPES (VITS VINVERAL L.) VAR. DUENTE NOIER OF THE GRAPES (VITS VINVERAL L.) VAR. DUENTE NOIER OF THE GRAPES (VITS VINVERAL L.) VAR. DUENTE NOIER OF THE GRAPES (VITS VINVERAL L.) VAR. DUENTE NOIER OF THE GRAPES (VITS VINVERAL L.) VAR. DUENTE NOIER OF THE GRAPES (VITS VINVERAL L.) VAR. DUENTE NOIER CARRIAGE (VITS VINVERAL L.) VAR. DUENTE NOIER NOIER DUENTE NOIE NOIER DUENTE NOIE NOIE NOIE NOIE NOIE NOIE NOIE NOI	INFLUENCE OF MOISTURE PRESERVATIVES AND IRRIGATION LEVEL		1975-1980
CPPU AND THE ADDITION OF ORGANIC FERTILIZER ON THE UNLITHATIVE YIELD CHARACTERISTICS (WITS VINIFERA L.) OLIVETTE NOIER VARIETY MODULATING EFFECT OF GLYCYRRHIZIN ON PLASMA GLYCOCONUGATES STATUS IN 7, 12- DIMETHYL BENZ (A) LAISHMIPTIVA CHARACTERISTICS (WITS MODULATING EFFECT OF GLYCYRRHIZIN ON PLASMA GLYCOCONUGATES STATUS IN 7, 12- DIMETHYL BENZ (A) LAISHMIPTIVA CHARACTERISTICS (WITS ACTIVITY OF ETHYL ACETATE OF MIMOSA PUDICA LEAVES AGAINST PARACETAMOL INDUCED IN ALBINO WISTER RATS EXTENT OF IRAQI CONSUMER INTERESTED IN CHOOSING OF FOOD PRODUCTS BEARING QUALITY AND SAFETY CERTIFICATE EXTENT OF IRAQI CONSUMER INTERESTED IN CHOOSING OF FOOD PRODUCTS BEARING QUALITY AND SAFETY CERTIFICATE IMMUNOHISTOPATHOLOGICAL AND IMMUNOLOGICAL EVALUATION OF LISTERIANNOPARTICLE VACCINE DURING THE FIRST AND THIRD SEMESTER IN THE PREGNANCY RAT MODEL EVALUATION OF BIOLOGICAL SEED TREATMENTS FOR MAIXE UNDER DIFFERENT PLANTING DATES AND EVALUATION OF ROTYLENCHULUS REINFORMS EFFECT OF HONEY IN THE STERILIZATION OF EXPLANT IN VITRO EVALUATION OF THE PERFORMANCE OF INTRODUCED VARIETIES OF MAIZE UNDER DIFFERENT PLANTING DATES AND EVALUATION ITS AND EVALUATION OF THE PERFORMANCE OF INTRODUCED VARIETIES OF MAIZE UNDER DIFFERENT PLANTING DATES AND EVALUATION OF THE PERFORMANCE OF INTRODUCED VARIETIES OF MAIZE UNDER DIFFERENT PLANTING DATES AND EVALUATION ITS ACROST OF THE PERFORMANCE OF INTRODUCED VARIETIES OF SAMONEY OF PRIMING TECHNIQUES ON AMAZE UNDER DIFFERENT PLANTING DATES AND EVALUATION ITS ACROST OF PRIMING TECHNIQUES ON AMAZE UNDER DIFFERENT PLANTING THE PLANTING DATES AND EVALUATION OF SAMONEY OF PRIMING TECHNIQUES ON AMAZE UNDER DIFFERENT PLANTING THE PLA	STUDY OF THE EFFECT OF PRUNING LEVEL, GROWTH REGULATOR CPPU AND THE ADDITION OF ORGANIC FERTILIZER ON THE CHARACTERISTICS OF VEGETATIVE GROWTH AND LEAF CONTENT OF (K-P-N) FOR THE GRAPES (VITIS VINIFERA L.) VAR. OLIVETTE		1981-1991
GLYCOCONJUGATES STATUS IN 7. 12- DIMETHYL BENZ (A) ANTHRACENE INDUCED HAMSTER BUCGAL POUCH CARCINGENESIS ANTHRACENE INDUCED HAMSTER BUCGAL POUCH CARCINGENESIS EXTENT OF RACI CONSUMER INTERESTED IN CHOOSING OF FOOD PRODUCTS BEARING OUALITY AND SAFETY CERTIFICATE IMMUNOHISTORATHOLOGICAL AND IMMUNOLOGICAL EVALUATION OF LISTERIANANOPATHICLE VACCINE DURING THE FIRST AND THIRD SEMESTER IN THE PREGNANCY RAT MODEL EVALUATION OF BIOLOGICAL SEED TREATMENTS FOR MANAGEMENT OF ROTYLENCHULUS RENIFORMIS EYFECT OF HONEY IN THE STERILIZATION OF EXPLANT IN VITRO EVALUATION OF THE PERFORMANCE OF INTRODUCED VARIETIES OF MAZE UNDER DIFFERENT PLANTING DATES AND ENVIRONMENTS EVALUATION OF THE PERFORMANCE OF INTRODUCED VARIETIES OF MAZE UNDER DIFFERENT PLANTING DATES AND ENVIRONMENTS EVALUATION OF THE PERFORMANCE OF INTRODUCED VARIETIES OF MAZE UNDER DIFFERENT PLANTING DATES AND ENVIRONMENTS EVALUATION OF THE PERFORMANCE OF INTRODUCED VARIETIES OF MAZE UNDER DIFFERENT PLANTING DATES AND ENVIRONMENTS EVALUATION OF THE PERFORMANCE OF INTRODUCED VARIETIES OF MAZE UNDER DIFFERENT PLANTING DATES AND ENVIRONMENTS EVALUATION OF THE PERFORMANCE OF INTRODUCED VARIETIES OF MAZE UNDER DIFFERENT PLANTING DATES AND ENVIRONMENTS EVALUATION OF THE PERFORMANCE OF INTRODUCED VARIETIES OF MAZE UNDER DIFFERENT PLANTING DATES AND ENVIRONMENTS EVALUATION OF THE PERFORMANCE OF INTRODUCED VARIETIES OF MAZE UNDER DIFFERENT PLANTING DATES AND ENVIRONMENTS EVALUATION OF THE PERFORMANCE OF INTRODUCED VARIETIES OF MAZE UNDER DIFFERENT PLANTING DATES AND ENVIRONMENTS EVALUATION OF THE PERFORMANCE OF INTRODUCED VARIETIES OF MAZE UNDER DIFFERENT PLANTING DATES AND ENVIRONMENTS EVALUATION OF THE PERFORMANCE OF INTRODUCES ON BIOCHEMICAL CHANGES IN FRESH AND ROCCELERATED AGED SEPECT ON VARIOUS THROUGH AND CABLEBOARD ORDITARY OF THE PERFORMANCE OF INTRODUCES ON BIOCHEMICAL CHANGES IN FRESH AND ROCCELERATED AGED SECONOMY ON DETICAL BROWN ON COASTAL REGIONS OF NORTHERN THAT OF THE PERFORMANCE OF THE PERFORMANCE OF THE PERFORMANCE OF THE PERFORMANCE OF THE	CPPU AND THE ADDITION OF ORGANIC FERTILIZER ON THE QUALITATIVE AND QUANTITATIVE YIELD CHARACTERISTICS (VITIS VINIFERA L.) OLIVETTE NOIER VARIETY	J.N.AQ. Al-bayati and I.M.H. Al-bayati	1992-2000
PUDICA LEAVES AGAINST PARACETAMOL INDUCED IN ALBINO WISTER RATS EXTENT OF IRAQI CONSUMER INTERESTED IN CHOOSING OF FOOD PRODUCTS BEARING QUALITY AND SAFETY CERTIFICATE IMMUNOHISTORATHOLOGICAL AND IMMUNOLOGICAL EVALUATION OF LISTERIANANOPARTICLE VACCINE DURING THE FIRST AND THIRD SEMESTER IN THE PREGNANCY PART MODEL EVALUATION OF BIOLOGICAL SEED TREATMENTS FOR MANAGEMENT OF ROTYLENCHULUS RENIFORMIS EFFECT OF HONEY IN THE STERILIZATION OF EXPLANT IN VITRO EVALUATION OF THE PERFORMANCE OF INTRODUCED VARIETIES OF MAIZE UNDER DIFFERENT PLANTING DATES AND BANANA FRUIT PEELS AS CAPPING AND REDUCING AGENTS TO CREATING CADMIUM OXIDE NANOPARTICLES AND EVALUATION ITS ACTIVITY AGAINST E COLLAND C. ALBICANS SEEDS OF BABY CORN (ZEA MAYSL.) POST-HARVEST PATHOGENS AND DISEASE MANAGEMENT OF HORTICULTURAL CROP: A BRIEF REVIEW MULTIFACETED POTENTIAL OF EICHHORNIA CRASSIPES (WATER HYACINTH) LADENED WITH NUMEROUS VALUE AIDED AND TRADITIONAL REMEDIES AND COVID-19 : A QUALITATIVE EXPLORATION OF INDIGONOUS RESOURCES ZINC AND BORON MICRONUTRIENTS ON YIELD AND ECONOMICS OF SUNFLOWER GROWN ON COASTAL REGIONS OF NORTHERN TRADITIONAL REMEDIES AND COVID-19 : A QUALITATIVE CALLIFORM OF TAXUS FROM TIRTHAN VALLEY, HIMACHAL PROPERTY AND AND AND ANTIOXIDANT ACTIVITY OF RADITIONAL REMEDIES AND ANTIOXIDANT ACTIVITY OF READERS AND ANTIOX	GLYCOCONJUGATES STATUS IN 7, 12- DIMETHYL BENZ (A) ANTHRACENE INDUCED HAMSTER BUCCAL POUCH	, ,	2001-2005
PRODUCTS BEARING QUALITY AND SAFETY CERTIFICATE IMMUNOHISTOPATHOLOGICAL AND IMMUNOLOGICAL EVALUATION OF LISTERIANIANOPARTICLE VACCINE DURING THE FIRST AND THIRD SEMESTER IN THE PREGNANCY RAT MODEL VALUATION OF BIOLOGICAL SEED TREATMENTS FOR MANAGEMENT OF ROTYLENCHULUS RENIFORMIS EVALUATION OF BIOLOGICAL SEED TREATMENTS FOR MANAGEMENT OF ROTYLENCHULUS RENIFORMIS EVALUATION OF THE PERFORMANCE OF INTRODUCED VARIETIES OF MAIZE UNDER DIFFERENT PLANTING DATES AND ENVIRONMENTS BANANAR FRUIT PEELS AS CAPPING AND REDUCING AGENTS TO CREATING CADMIUM OXIDE NANOPARTICLES AND EVALUATION ITS ACTIVITY AGAINST E COLLAND C. ALBICANS EFFECT ON VARIOUS TYPES OF PRIMING TECHNIQUES ON BIOCHEMICAL CHANGES IN FRESH AND ACCELERATED AGED SEEDS OF BAY CORN (ZEA MAYSL.) POST-HARVEST PATHOGENS AND DISEASE MANAGEMENT OF HORTICULTURAL CROP: A BRIEF REVIEW MULTIFACETED POTENTIAL OF EICHHORNIN CRASSIPES (WATER HYACINITH) LADENED WITH NUMEROUS VALUE AIDED AND THERAPEUTIC PROPERTIES TRADITIONAL REMEDIES AND COVID-19: A QUALITATIVE EXPLORATION OF INDIGENOUS RESOURCES TRADITIONAL REMEDIES AND COVID-19: A QUALITATIVE EXPLORATION OF INDIGENOUS RESOURCES TRADITIONAL REMEDIES AND COVID-19: A QUALITATIVE EXPLORATION OF INDIGENOUS RESOURCES TRADITIONAL REMEDIES AND COVID-19: A QUALITATIVE EXPLORATION OF INDIGENOUS RESOURCES TRADITIONAL REMEDIES AND COVID-19: A QUALITATIVE EXPLORATION OF INDIGENOUS RESOURCES TRADITIONAL REMEDIES AND COVID-19: A QUALITATIVE EXPLORATION OF INDIGENOUS RESOURCES TRADITIONAL REMEDIES AND COVID-19: A QUALITATIVE EXPLORATION OF TAXUS FROM TIRTHAN VALLEY, HIMACHAL PRABESH, INDIA FOR CONSERVATION IN NON NATURAL ENVIRONMENT PRABEIN AND ADDITIONAL REPORT OF TAXUS FROM TIRTHAN VALLEY, HIMACHAL ENVIRONMENT PRABEIN AND ADDITIONAL REPORT OF TAXUS FROM TIRTHAN VALLEY, HIMACHAL ENVIRONMENT PROBEDIES OF BAY CORN OF CONSERVATION IN NON NATURAL ENVIRONMENT PROBEDIES OF BAY CORN OF TAXUS FROM TIRTHAN VALLEY, HIMACHAL PRABESH, HARIAGIUM MODIAN AND ACTIONAL TRADERS TRADITIONAL REMEDIES AND COVID-19 TRADITIONAL REMEDIES AND	PUDICA LEAVES AGAINST PARACETAMOL INDUCED IN ALBINO	R. Kowsalya and K.A. Sangeetha	2006-2011
IMMUNOHISTOPATHOLOGICAL AND IMMUNOLOGICAL EVALUATION OF LISTERIANANOPARTICLE VACCINE DURING THE FIRST AND THIRD SEMESTER IN THE PREGNANCY RAT MODEL EVALUATION OF BIOLOGICAL SEED TREATMENTS FOR MANAGEMENT OF ROTYLENCHULUS RENIFORMIS EVALUATION OF BIOLOGICAL SEED TREATMENTS FOR MANAGEMENT OF ROTYLENCHULUS RENIFORMIS EFFECT OF HONEY IN THE STERILIZATION OF EXPLANT IN VITRO EVALUATION OF THE PERFORMANCE OF INTRODUCED VARIETIES OF MAIZE UNDER DIFFERENT PLANTING DATES AND ENVIRONMENTS EVALUATION OF THE PERFORMANCE OF INTRODUCED VARIETIES OF MAIZE UNDER DIFFERENT PLANTING DATES AND ENVIRONMENTS BANANA FRUIT PEELS AS CAPPING AND REDUCING AGENTS TO CREATING CADMIUM OXIDE NANOPARTICLES AND EVALUATION ITS ACTIVITY AGAINST E. COLI AND C. ALBICANS EFFECT ON VARIOUS TYPES OF PRIMING TECHNIQUES ON BIOCHEMICAL CHANGES IN FRESH AND ACCELERATED AGED SEEDS OF BABY CORN (ZEA MAYSL.) POST-HARVEST PATHOGENS AND DISEASE MANAGEMENT OF HORTICULTURAL CROP: A BRIEF REVIEW MULTIFACETED POTENTIAL OF EICHHORNIA CRASSIPES (WATER HYACINTH) LADDENED WITH NUMEROUS VALUE AIDED AND THERAPEUTIC PROPERTIES TRADITIONAL REMEDIES AND COVID-19: A QUALITATIVE EXPLORATION OF INDIGENOUS RESOURCES ZINC AND BORON MICRONUTRIENTS ON YIELD AND ECONOMICS OF TAXUS FROM TIETHAN VALLEY, HIMACHAL PUDICA JACQ. (BRIDAL BOUQUET) COLLECTION OF TAXUS FROM TIRTHAN VALLEY, HIMACHAL PUDICA JACQ. (BRIDAL BOUQUET) COLLECTION OF TAXUS FROM TIRTHAN VALLEY, HIMACHAL PUDICA JACQ. (BRIDAL BOUQUET) COLLECTION OF TAXUS FROM TIRTHAN VALLEY, HIMACHAL PUDICA JACQ. (BRIDAL BOUQUET) COLLECTION OF TAXUS FROM TIRTHAN VALLEY, HIMACHAL PUDICA FOR CONSERVATION IN NON NATURAL ENVIRONMENT PHYTOCHEMICAL SCREENING AND ANTIOXIDANT ACTIVITY OF TRICHOSANTHES DIOICA ROXB. SEEDS POLLEN GRAINS TAXONOMY MATCHES DNA-BARCODING TAXONOMY IN DISCRIMINATION BETWEEN SOME CONVOLVULACEAETAXA DISCRIMATION OF LEAD AND CADMIUM POLLUTION FOR SOME SOILS		Mahmud Abdullah Jasim Alkhafaji	2012-2015
Akeel E. Mohammed, Wisam A. Aljuaifari and F.A. Al-Fadhal Omar H. Obaid, Hadi Abduljleel Naas Aljuaifari and F.A. Al-Fadhal Omar H. Obaid, Hadi Abduljleel Naas Aljuaifari and F.A. Al-Fadhal Omar H. Obaid, Hadi Abduljleel Naas Aljuashi and Mohammed Mehdi Muhsen Almasoody EVALUATION OF THE PERFORMANCE OF INTRODUCED VARIETIES OF MAIZE UNDER DIFFERENT PLANTING DATES AND ENVIRONMENTS BANANA FRUIT PEELS AS CAPPING AND REDUCING AGENTS TO CREATING CADMIUM OXIDE NANOPARTICLES AND EVALUATION ITS BANANA FRUIT PEELS AS CAPPING AND REDUCING AGENTS TO CREATING CADMIUM OXIDE NANOPARTICLES AND EVALUATION ITS BANANA FRUIT PEELS AS CAPPING AND REDUCING AGENTS TO CREATING CADMIUM OXIDE NANOPARTICLES AND EVALUATION ITS BANANA FRUIT PEELS AS CAPPING AND REDUCING AGENTS TO CREATING CADMIUM OXIDE NANOPARTICLES AND EVALUATION ITS BANANA FRUIT PEELS AS CAPPING AND REDUCING AGENTS TO CREATING CADMIUM OXIDE NANOPARTICLES AND EVALUATION ITS BANANA FRUIT PEELS AS CAPPING AND CACELERATED AGE DATE AND COLLEGANS EFFECT ON VARIOUS TYPES OF PRIMING TECHNIQUES ON ACCIDENCAL CHANGES IN FRESH AND ACCELERATED AGED AGED AND COST. ALBICANS EFFECT ON VARIOUS TYPES OF PRIMING TECHNIQUES ON AMAGEMENT OF POST-HARVEST PATHOGENS AND DISEASE MANAGEMENT OF HORTICULTURAL CROP: A BRIEF REVIEW MULTIFACETED POTENTIAL OF EIGHHORNIA CRASSIPES (WATER HYACINTH) LADENED WITH NUMEROUS VALUE AIDED AND THERAPEUTIC PROPERTIES MULTIFACETED POTENTIAL OF EIGHHORNIA CRASSIPES (WATER HYACINTH) LADENED WITH NUMEROUS VALUE AIDED AND THERAPEUTIC PROPERTIES SUNFLOWER GROWN ON COASTAL REGIONS OF NORTHERN TAMINADU, INDIA AN EYE-CATCHING AND COMPREHENSIVE REVIEW ON PLUMERIA PUDICA JACC. (BRIDAL BOUQUET) COLLECTION OF TAXUS FROM TIRTHAN VALLEY, HIMACHAL PRADESH, INDIA FOR CONSERVATION IN NON NATURAL PRAGABAL PRAGAB	IMMUNOHISTOPATHOLOGICAL AND IMMUNOLOGICAL EVALUATION OF LISTERIANANOPARTICLE VACCINE DURING THE FIRST AND		2016-2025
EFFECT OF HONEY IN THE STERILIZATION OF EXPLANT <i>IN VITRO</i> EVALUATION OF THE PERFORMANCE OF INTRODUCED VARIETIES OF MAIZE UNDER DIFFERENT PLANTING DATES AND ENVIRONMENTS BANANA FRUIT PEELS AS CAPPING AND REDUCING AGENTS TO CREATING CADMIUM OXIDE NANOPARTICLES AND EVALUATION ITS ACTIVITY AGAINST E. COLI AND C. ALBICANS EFFECT ON VARIOUS TYPES OF PRIMING TECHNIQUES ON BIOCHEMICAL CHANGES IN FRESH AND ACCELERATED AGED SEEDS OF BABY CORN (ZEA MAYSL.) POST-HARVEST PATHOGENS AND DISEASE MANAGEMENT OF HORTICULTURAL CROP : A BRIEF REVIEW MULTIFACETED POTENTIAL OF EICHHORNIA CRASSIPES (WATER HYACINTH) LADENED WITH NUMEROUS VALUE AIDED AND TREADITIONAL REMEDIES AND COVID-19: A QUALITATIVE EXPLORATION OF INDIGENOUS RESOURCES ZINC AND BORON MICRONUTRIENTS ON YIELD AND ECONOMICS OF SUNFLOWER GROWN ON COASTAL REGIONS OF NORTHERN TAMILINADU, INDIA AN EYE-CATCHING AND COMPREHENSIVE REVIEW ON PLUMERIA AN EYE-CATCHING AND COMPREHENSIVE REVIEW ON PLUMERIA PRADESH, INDIA FOR CONSERVATION IN NON NATURAL ENVIRONMENT PHYTOCHEMICAL SCREENING AND ANTIOXIDANT ACTIVITY OF TRICHOSANTHES DIOICA ROXB. SEEDS POLICE OR THE PERFORMANCE OF INTRODUCED VARIETIES JUNA AND HORD AND CABMIUN POLLUTION FOR SOME SOILS JUNC AND BORON MICRONUTRIENTS ON SEEDS JUNC AND BORON MICRONUTRIENTS ON YIELD AND ECONOMICS OF SUNFLOWER GROWN ON COASTAL REGIONS OF NORTHERN TAMILINADU, INDIA AN EYE-CATCHING AND COMPREHENSIVE REVIEW ON PLUMERIA PROBLEM AND CONTRIBUTION OF INDIA FOR CONSERVATION IN NON NATURAL PRADESH, INDIA FOR CONSERVATION IN NON NATURAL PRADESH INDIA FOR CONSERVATION IN NON NATURAL PRADESH INDIA FOR CONSERVATION BETWEEN SOME CONVOLVULACEAE TAXA AND MARKET AND JUNC AND CONTRIBUTION FOR SOME SOILS JUNC AND BORON MICRONUTRIENTO OF TEACH AND CADMIUM POLLUTION FOR SOME SOILS		Akeel E. Mohammed, Wisam A. Aljuaifari	2026-2030
OF MAIZE UNDER DIFFERENT PLANTING DATES AND ENVIRONMENTS BANANA FRUIT PEELS AS CAPPING AND REDUCING AGENTS TO CREATING CADMIUM OXIDE NANOPARTICLES AND EVALUATION ITS ACTIVITY AGAINST E. COLI AND C. ALBICANS EFFECT ON VARIOUS TYPES OF PRIMING TECHNIQUES ON BIOCHEMICAL CHANGES IN FRESH AND ACCELERATED AGED SEEDS OF DABY CORN (ZEA MAYS L.) POST-HARVEST PATHOGENS AND DISEASE MANAGEMENT OF HORTICULTURAL CROP: A BRIEF REVIEW MILLITAGE OF EICHHORNIA CRASSIPES (WATER HYACINTH) LADENED WITH NUMEROUS VALUE AIDED AND THEAPPEUTIC PROPERTIES INADITIONAL REMEDIES AND COVID-19: A QUALITATIVE EXPLORATION OF INDIGENOUS RESOURCES ZINC AND BORON MICRONUTRIENTS ON YIELD AND ECONOMICS OF NORTHERN TAMILNADU, INDIA AN EYE-CATCHING AND COMPREHENSIVE REVIEW ON PLUMERIA PRADESH, INDIA FOR CONSERVATION IN NON NATURAL PRADESH, INDIA FOR CONSERVATION IN NON NATURAL PRADESH, INDIA FOR CONSERVATION IN NON NATURAL PRADESH, INDIA FOR CONSERVATION BETWEEN SOME CONVOLVULACEAE TAXA OLD THE ARMEDIES AND CAPPING AND CADMIUM POLLUTION FOR SOME SOILS TAMILNADU, INDIA AN EYE-CATCHING AND AND CADMIUM POLLUTION FOR SOME SOILS AND TAMILNADU INDIA AN EXEMPLIES AND CAPPING AND ANTIOXIDANT ACTIVITY OF TRICHOSANTHES DIOICA ROXB. SEEDS POLLEN GRAINS TAXONOMY MATCHES DNA-BARCODING TAXONOMY IN DISCRIMINATION BETWEEN SOME CONVOLVULACEAE TAXA 2036-2045 Ballya Yasir Offi AI Jubory Sadiyha Yasir Offi AI Jubory Sadiyha Yasir Offi AI Jubory Sadiyha Yasir Offi AI Jubory Akash Bhargaw and Dnyaneshwar A. Akash Bhargaw and Pnyaneshwar A. Akash Bhargaw and Pnyaneshwar A. Akash Bhargaw	EFFECT OF HONEY IN THE STERILIZATION OF EXPLANT IN VITRO	juhashi and Mohammed Mehdi Muhsen	2031-2035
CREATING CADMIUM OXIDE NANOPARTICLES AND EVALUATION ITS ACTIVITY AGAINST E. COLI AND C. ALBICANS EFFECT ON VARIOUS TYPES OF PRIMING TECHNIQUES ON BIOCHEMICAL CHANGES IN FRESH AND ACCELERATED AGED SEEDS OF BABY CORN (ZEA MAYSL.) POST-HARVEST PATHOGENS AND DISEASE MANAGEMENT OF HORTICULTURAL CROP: A BRIEF REVIEW MULTIFACETED POTENTIAL OF EICHHORNIA CRASSIPES (WATER HYACINTH) LADENED WITH NUMEROUS VALUE AIDED AND THERAPEUTIC PROPERTIES TRADITIONAL REMEDIES AND COVID-19: A QUALITATIVE EXPLORATION OF INDIGENOUS RESOURCES ZINC AND BORON MICRONUTRIENTS ON YIELD AND ECONOMICS OF SUNFLOWER GROWN ON COASTAL REGIONS OF NORTHERN TAMILNADU, INDIA AN EYE-CATCHING AND COMPREHENSIVE REVIEW ON PLUMERIA PUDICA JACQ. (BRIDAL BOUQUET) COLLECTION OF TAXUS FROM TIRTHAN VALLEY, HIMACHAL PRADESH, INDIA FOR CONSERVATION IN NON NATURAL ENVIRONMENT PHYTOCHEMICAL SCREENING AND ANTIOXIDANT ACTIVITY OF TRICHOSANTHES DIOICA ROXB. SEEDS POLLEN GRAINS TAXONOMY MATCHES DNA-BARCODING TAXONOMY IN DISCRIMINATION BETWEEN SOME CONVOLVULACEAE TAXA EVALUATION OF LEAD AND CADMIUM POLLUTION FOR SOME SOILS	OF MAIZE UNDER DIFFERENT PLANTING DATES AND ENVIRONMENTS	,	2036-2045
BIOCHEMICAL CHANGES IN FRESH AND ACCELERATED AGED SEEDS OF BABY CORN (ZEA MAYSL.) POST-HARVEST PATHOGENS AND DISEASE MANAGEMENT OF HORTICULTURAL CROP: A BRIEF REVIEW MULTIFACETED POTENTIAL OF EICHHORNIA CRASSIPES (WATER HYACINTH) LADENED WITH NUMEROUS VALUE AIDED AND THERAPEUTIC PROPERTIES TRADITIONAL REMEDIES AND COVID-19: A QUALITATIVE EXPLORATION OF INDIGENOUS RESOURCES ZINC AND BORON MICRONUTRIENTS ON YIELD AND ECONOMICS OF SUNFLOWER GROWN ON COASTAL REGIONS OF NORTHERN TAMILNADU, INDIA AN EYE-CATCHING AND COMPREHENSIVE REVIEW ON PLUMERIA PUDICA JACQ. (BRIDAL BOUQUET) COLLECTION OF TAXUS FROM TIRTHAN VALLEY, HIMACHAL PRADESH, INDIA FOR CONSERVATION IN NON NATURAL ENVIRONMENT PHYTOCHEMICAL SCREENING AND ANTIOXIDANT ACTIVITY OF TRICHOSANTHES DIOICA ROXB. SEEDS POLLEN GRAINS TAXONOMY MATCHES DNA-BARCODING TAXONOMY IN DISCRIMINATION BETWEEN SOME CONVOLVULACEAE TAXA EVALUATION OF LEAD AND CADMIUM POLLUTION FOR SOME SOILS BRITGRAW and Dryaneshwar A. Madane ARASIN BRIGGRAW AND DRYANGEMENT OF Madane Winay Kumar and Neshat Iqbal 2054-2058 Anil K. Sharma, Varruchi Sharma, Vandana Sharma, J.K. Sharma and Raj Singh Amit Kumar Pandey, Rahul Gupta and Ajay Singh Rex Immanuel R., D. Saravanan, G.B. Sudhagar Rao and M. Thiruppathi Subba Rao Chamakuri, Ashish Suttee and Prasenjit Mondal Prageti Sahai and Vimlendu Bhushan Sinha 2076-2079 Rashmi Arora and Naresh Singh Gill 2084-2088 POLLEN GRAINS TAXONOMY MATCHES DNA-BARCODING TAXONOMY IN DISCRIMINATION BETWEEN SOME CONVOLVULACEAE TAXA EVALUATION OF LEAD AND CADMIUM POLLUTION FOR SOME SOILS	CREATING CADMIUM OXIDE NANOPARTICLES AND EVALUATION ITS ACTIVITY AGAINST <i>E. COLI</i> AND <i>C. ALBICANS</i>	Sadiyha Yasir Offi Al Jubory	2046-2050
HORTICULTURAL CROP : A BRIEF REVIEW MULTIFACETED POTENTIAL OF EICHHORNIA CRASSIPES (WATER HYACINTH) LADENED WITH NUMEROUS VALUE AIDED AND THERAPEUTIC PROPERTIES TRADITIONAL REMEDIES AND COVID-19 : A QUALITATIVE EXPLORATION OF INDIGENOUS RESOURCES ZINC AND BORON MICRONUTRIENTS ON YIELD AND ECONOMICS OF SUNFLOWER GROWN ON COASTAL REGIONS OF NORTHERN TAMILNADU, INDIA AN EYE-CATCHING AND COMPREHENSIVE REVIEW ON PLUMERIA PRADESH, INDIA FOR CONSERVATION IN NON NATURAL PRATOCHEMICAL SCREENING AND ANTIOXIDANT ACTIVITY OF TRICHOSANTHES DIOICA ROXB. SEEDS POLLEN GRAINS TAXONOMY IN DISCRIMINATION BETWEEN SOME CONVOLVULACEAE TAXA EVALUATION OF LEAD AND CADMIUM POLLUTION FOR SOME SOILS VALUE AIDED AND SHARE (WATER SINGH REVIEW SHAPE) ANII K. Sharma, Varruchi Sharma, Vandana Sharma, J.K. Sharma and Raj Singh ANII K. Sharma, Varruchi Sharma, Vandana Sharma, J.K. Sharma and Raj Singh ANII K. Sharma, Varruchi Sharma, Vandana Sharma, J.K. Sharma and Raj Singh Anii K. Sharma, Varruchi Sharma, Vandana Sharma, J.K. Sharma, Varruchi Sharma, Vandana Sharma, J.K. Sharma and Raj Singh Anii K. Sharma, Varruchi Sharma, Vandana Sharma, J.K. Sharma and Raj Singh Anii K. Sharma, J.K. Sharma, Varruchi Sharma, Vandana Sharma, J.K. Sharma and Raj Singh 2066-2069 2076-2069 2076-2079 2070-2075 Subba Rao Chamakuri, Ashish Suttee and Prasenjit Mondal 2076-2079 Pragati Sahai and Vimlendu Bhushan Sinha 2080-2083 Pragati Sahai and Vimlendu Bhushan Sinha 2080-2083 Hany S. Abd El-Raouf, Mohamed Helmy, Mohamed Awad and Ahmed M. El-Taher EVALUATION OF LEAD AND CADMIUM POLLUTION FOR SOME SOILS	BIOCHEMICAL CHANGES IN FRESH AND ACCELERATED AGED SEEDS OF BABY CORN (<i>ZEA MAYS</i> L.)		2051-2053
HYACINTH) LADENED WITH NUMEROUS VALUE AIDED AND THERAPEUTIC PROPERTIES TRADITIONAL REMEDIES AND COVID-19: A QUALITATIVE EXPLORATION OF INDIGENOUS RESOURCES ZINC AND BORON MICRONUTRIENTS ON YIELD AND ECONOMICS OF SUNFLOWER GROWN ON COASTAL REGIONS OF NORTHERN TAMILNADU, INDIA AN EYE-CATCHING AND COMPREHENSIVE REVIEW ON PLUMERIA PUDICA JACQ. (BRIDAL BOUQUET) COLLECTION OF TAXUS FROM TIRTHAN VALLEY, HIMACHAL PRADESH, INDIA FOR CONSERVATION IN NON NATURAL ENVIRONMENT PHYTOCHEMICAL SCREENING AND ANTIOXIDANT ACTIVITY OF TRICHOSANTHES DIOICA ROXB. SEEDS POLLEN GRAINS TAXONOMY MATCHES DNA-BARCODING TAXONOMY IN DISCRIMINATION BETWEEN SOME CONVOLVULACEAE TAXA EVALUATION OF LEAD AND CADMIUM POLLUTION FOR SOME SOILS Amit Kumar Pandey, Rahul Gupta and Ajay Singh Amit Kumar Pandey, Rahul Gupta and Ajay Singh Subha Rani Kumar Pandey, Rahul Gupta and Ajay Singh 2066-2069 2076-2079 2070-2075 Rex Immanuel R., D. Saravanan, G.B. Subhagar Rao and M. Thiruppathi 2070-2075 Subba Rao Chamakuri, Ashish Suttee and Prasenjit Mondal Pragati Sahai and Vimlendu Bhushan Sinha 2080-2083 Pragati Sahai and Vimlendu Bhushan Sinha 2080-2083 Rashmi Arora and Naresh Singh Gill 4084-2088 POLLEN GRAINS TAXONOMY MATCHES DNA-BARCODING MATCHES DNA-BARCO	HORTICULTURAL CROP : A BRIEF REVIEW	Vinay Kumar and Neshat Iqbal	2054-2058
TRADITIONAL REMEDIES AND COVID-19: A QUALITATIVE EXPLORATION OF INDIGENOUS RESOURCES ZINC AND BORON MICRONUTRIENTS ON YIELD AND ECONOMICS OF SUNFLOWER GROWN ON COASTAL REGIONS OF NORTHERN TAMILNADU, INDIA AN EYE-CATCHING AND COMPREHENSIVE REVIEW ON PLUMERIA PUBLICA JACQ. (BRIDAL BOUQUET) COLLECTION OF TAXUS FROM TIRTHAN VALLEY, HIMACHAL PRADESH, INDIA FOR CONSERVATION IN NON NATURAL ENVIRONMENT PHYTOCHEMICAL SCREENING AND ANTIOXIDANT ACTIVITY OF TRICHOSANTHES DIOICA ROXB. SEEDS POLLEN GRAINS TAXONOMY MATCHES DNA-BARCODING TAXONOMY IN DISCRIMINATION BETWEEN SOME CONVOLVULACEAE TAXA EVALUATION OF LEAD AND CADMIUM POLLUTION FOR SOME SOILS Amit Kumar Pandey, Rahul Gupta and Ajay Singh Amit Kumar Pandey, Rahul Gupta and Ajay Singh 2076-2069 Rex Immanuel R., D. Saravanan, G.B. Sudhagar Rao and M. Thiruppathi 2070-2075 Rex Immanuel R., D. Saravanan, G.B. Sudhagar Rao and M. Thiruppathi 2076-2079 Pragati Sahai and Vimlendu Bhushan Sinha 2080-2083 Pragati Sahai and Vimlendu Bhushan Sinha 2080-2083 Rashmi Arora and Naresh Singh Gill 2084-2088 Hany S. Abd El-Raouf, Mohamed Helmy, Mohamed Awad and Ahmed M. El-Taher 2089-2094	HYACINTH) LADENED WITH NUMEROUS VALUE AIDED AND		2059-2065
SUNFLOWER GROWN ON COASTAL REGIONS OF NORTHERN TAMILNADU, INDIA AN EYE-CATCHING AND COMPREHENSIVE REVIEW ON PLUMERIA PUDICA JACQ. (BRIDAL BOUQUET) COLLECTION OF TAXUS FROM TIRTHAN VALLEY, HIMACHAL PRADESH, INDIA FOR CONSERVATION IN NON NATURAL ENVIRONMENT PHYTOCHEMICAL SCREENING AND ANTIOXIDANT ACTIVITY OF TRICHOSANTHES DIOICA ROXB. SEEDS POLLEN GRAINS TAXONOMY MATCHES DNA-BARCODING TAXONOMY IN DISCRIMINATION BETWEEN SOME CONVOLVULACEAE TAXA EVALUATION OF LEAD AND CADMIUM POLLUTION FOR SOME SOILS 1070-2075 Sudhagar Rao and M. Thiruppathi 2070-2075 Subba Rao Chamakuri, Ashish Suttee and Prasenjit Mondal Pragati Sahai and Vimlendu Bhushan Sinha 2080-2083 ENABLY S. Abd El-Raouf, Mohamed Helmy, Mohamed Awad and Ahmed M. El-Taher 2089-2094			2066-2069
AN EYE-CATCHING AND COMPREHENSIVE REVIEW ON PLUMERIA PUDICA JACQ. (BRIDAL BOUQUET) COLLECTION OF TAXUS FROM TIRTHAN VALLEY, HIMACHAL PRADESH, INDIA FOR CONSERVATION IN NON NATURAL ENVIRONMENT PHYTOCHEMICAL SCREENING AND ANTIOXIDANT ACTIVITY OF TRICHOSANTHES DIOICA ROXB. SEEDS POLLEN GRAINS TAXONOMY IN DISCRIMINATION BETWEEN SOME CONVOLVULACEAE TAXA EVALUATION OF LEAD AND CADMIUM POLLUTION FOR SOME SOILS Subba Rao Chamakuri, Ashish Suttee and Prasenjit Mondal 2076-2079 Rashmi Arora and Vimlendu Bhushan Sinha 2080-2083 Rashmi Arora and Naresh Singh Gill 4084-2088 Phytochemical Prasenjit Mondal 4080-2083 Phytochemical Prasenjit Mondal 4080-2083 Prasenjit Mondal 4080-2083 Prasenjit Mondal 4080-2083 Prasenjit Mondal 4080-2083 4080-208	ZINC AND BORON MICRONUTRIENTS ON YIELD AND ECONOMICS OF SUNFLOWER GROWN ON COASTAL REGIONS OF NORTHERN	Rex Immanuel R., D. Saravanan, G.B.	2070-2075
COLLECTION OF TAXUS FROM TIRTHAN VALLEY, HIMACHAL PRADESH, INDIA FOR CONSERVATION IN NON NATURAL ENVIRONMENT PHYTOCHEMICAL SCREENING AND ANTIOXIDANT ACTIVITY OF TRICHOSANTHES DIOICA ROXB. SEEDS POLLEN GRAINS TAXONOMY MATCHES DNA-BARCODING TAXONOMY IN DISCRIMINATION BETWEEN SOME CONVOLVULACEAE TAXA EVALUATION OF LEAD AND CADMIUM POLLUTION FOR SOME SOILS POLLEN GRAINS TAXONOMY MATCHES DNA-BARCODING BETWEEN SOME CONVOLVULACEAE TAXA EVALUATION OF LEAD AND CADMIUM POLLUTION FOR SOME SOILS	AN EYE-CATCHING AND COMPREHENSIVE REVIEW ON PLUMERIA		2076-2079
TRICHOSANTHES DIOICA ROXB. SEEDS POLLEN GRAINS TAXONOMY MATCHES DNA-BARCODING TAXONOMY IN DISCRIMINATION BETWEEN SOME CONVOLVULACEAE TAXA EVALUATION OF LEAD AND CADMIUM POLLUTION FOR SOME SOILS Hasnimi Arofa and Naresh Singh Gill 2084-2088 Hany S. Abd El-Raouf, Mohamed Helmy, Mohamed Awad and Ahmed M. El-Taher 2089-2094	PRADESH, INDIA FOR CONSERVATION IN NON NATURAL ENVIRONMENT	Pragati Sahai and Vimlendu Bhushan Sinha	2080-2083
POLLEN GRAINS TAXONOMY MATCHES DNA-BARCODING TAXONOMY IN DISCRIMINATION BETWEEN SOME CONVOLVULACEAE TAXA EVALUATION OF LEAD AND CADMIUM POLLUTION FOR SOME SOILS Hany S. Abd El-Raouf, Mohamed Helmy, Mohamed Awad and Ahmed M. El-Taher 2089-2094		Rashmi Arora and Naresh Singh Gill	2084-2088
	POLLEN GRAINS TAXONOMY MATCHES DNA-BARCODING TAXONOMY IN DISCRIMINATION BETWEEN SOME CONVOLVULACEAE TAXA		2089-2094
		Wafaa Sahib Abbood Alawsy	2095-2100

TITLE	AUTHOR	PAGE NO.
INOCULATION ROLE OF PENICILLIUM PINOPHILUM TO DIVERSE SEED SIZES OF BROAD BEANS (VICIA FABA)	Dalal Tareq Al-Ameri, Muneer Saeed M. Al- Baldawy, Sarah Tareq Hasan and Ali Sabah Alhasan	2101-2104
STUDY OF HEPCIDIN LEVEL IN EGYPTIAN HCV INFECTED PATIENTS AND ITS CORRELATION TO FERRITIN	Atef Amer, Yousri Aboelmagd and Mohamed Sami	2105-2109
STUDY OF HEPCIDIN LEVEL IN EGYPTIAN HCV INFECTED PATIENTS AND ITS CORRELATION TO IRON AND TOTAL IRON BINDING CAPACITY	Atef Amer, Yousri Aboelmagd and Mohamed Elshahat	2110-2116
VITAMIN D STATUS AND VARIOUS PREDICTORS IN EGYPTIAN ADOLESCENT FEMALES	Azza E. Zidan, Mohamed A. El-Desouky, Azza O. Lotfy, H.K. Abdelhakim and Eman A. Sultan	2117-2121
IN VITRO REGENERATION OF THE BIOFUEL CROP JATROPHA CURCAS	Ghada A. Hegazi, Nashwa A. El-Hanafy, Ahmed M.A. Mohamed and Zakia A. Abu- Elkheir	2122-2127
MITIGATION OF HEAT STRESS EFFECTS USING AGRICULTURAL TREATMENTS ON GROWTH, YIELD AND FRUIT QUALITY OF WASHINGTON NAVEL ORANGE TREES GROWN IN EGYPT	Saied K.M. Abd El-Naby; M.H.M. Baiea; A. Abdelkhalek; O.A.E. Amin and R. KH.M. Khalifa	2128-2133
EFFECTS OF HEAVY METALS AND MICROBES ON LEAF SUGAR AND PROTEIN OF CHICKPEA: A TIME COURSE ANALYSIS	Prasann Kumar, Mohit Naik, Tapan Kumar	2134-2139
EFFECT OF SPRAYING WITH HUMIC AND ASCORBIC ACIDS ON THE GROWTH AND YIELD OF RICE	Abood W.A. Al-Esawi	2140-2143
THE RELATIONSHIP BETWEEN FINANCIAL PERFORMANCE AND MARKETING MIX IN CAPITAL MARKET (CASE STUDY: THE SUGAR INDUSTRY COMPANIES OF THE STOCK EXCHANGE IN IRAN)	Solmaz Nojavan, Alireza Karbasi and Hossein Mohammadi	2144-2150
IMPACT OF CLIMATE CHANGE ON SECONDARY AND MICRO NUTRIENTS STATUS IN KOLE LANDS, KERALA, INDIA	Latha A., Chijina K., Asha V. Pillai, Anasooya Sebastian and Bhavyasree R.K.	2151-2153
DYNAMICS OF PADDY LAND USE PATTERN IN KERALA : THREAT TO ITS SUSTAINABILITY	Sheeba Abraham	2154-2158
MICROTUBER AND MINITUBER MANIPULATION FOR POTATO PRE- BASIC SEED PRODUCTION UNDER EGYPTIAN CONDITIONS	M.M. Refaie, M.M. Merghany, M.M. Khalil and Farida F. Kabil	2159-2164
CONSTRAINTS IN THE ADOPTION OF ORGANIC FARMING PRACTICES AS PERCEIVED BY THE EXTENSION PERSONNEL IN KOLLI HILLS	K. Kanagasabapathi and V. Sakthivel	2165-2166
A STUDY OF AWARENESS AND ATTITUDE OF COLLEGE STUDENTS TOWARDS ENVIRONMENTAL POLLUTION	Gina K. Thomas, Glory George, Ashikha P. Hassan and Asha Gangadharan	2167-2171
COMPARATIVE STUDY ON WATER QUALITY INDEX OF LAKE VS. ADJOINING TIDAL FED SHRIMP FARMS ALONG VEMBANAD LAKE, A RAMSAR SITE, KERALA, INDIA	Rosewine Joy	2172-2176
INHERITANCE AND SEGREGATION PATTERN OF MUNGBEAN YELLOW MOSAIC VIRUS RESISTANCE IN BLACKGRAM (VIGNA MUNGO (L). HEPPER)	A. Bharathi, N. Mani Vannan and A. Karthikeyan	2177-2178
FOREIGN TRADE OF CUT FLOWERS IN EGYPT	Heba Abdelfatah, Ahlam A. Hassan, Laila M. El-sherif and Karima A. Mohamd	2179-2186
FUTURE VISION FOR AGRICULTURAL INVESTMENT IN EGYPT	Ahlam Ahmed Hassan Ismail	2187-2195
A COMPLETE PROTOCOL TO REDUCE BROWNING DURING COCONUT (COCOS NUCIFERA L.) TISSUE CULTURE THROUGH SHOOT TIPS AND INFLORESCENCE EXPLANTS	EL-Gioushy, S.F., Liu R. and Fan H.K.	2196-2204
COLD STRESS MITIGATION IN HORTICULTURAL CROPS RESPONSE OF RICE (ORIZA SATIVA L.) TO SOME	Manpreetkaur and Deepika Saxena	2205-2209
ANTITRANSPIRATIORS UNDER WATER STRESS IN NORTH NILE DELTA, EGYPT	El-Hadidi E.M.; A.M.I. Meleha, S.M.M. El- Tobgy and S.F. Abo El-Ezz	2210-2220
EFFICACY OF CERTAIN INSECTICIDES AGAINST WHITEFLY BEMISIA TABACI (GENN.) INFESTING TOMATO PLANTS AND THEIR ASSOCIATED PREDATORS	Mohamed F.M. Zawrah, Atef T. El Masry, Lokma Noha and Ahmed A.A. Saleh	2221-2228
THE STUDY OF THE PREVALENCE OF EXPRESSION OF ANGIOTENSIN II TYPE 1 RECEPTOR POLYMORPHISMS AND SUSCEPTIBILITY TO HYPERTENSION AMONG RENAL FAILURE AND CORONARY HEART DISEASE PATIENTS	Mohamed Amer, Amr E. Ahmed, Doaa ahmed and Abdou K.A.	2229-2241
POTENTIAL EFFECTS OF GLIMEPIRIDE AND A HERBAL MIXTURE ON HYPERGLYCAEMIA, HYPERCHOLESTEROLAEMIA AND OXIDATIVE STRESS	Bassant M.M. Ibrahim, Abeer A.A. Salama, Nemat A. Yassin, Sawsan S. Mahmoud, Amina A. Gamal El-Din, Nermeen A. Shaffie and Doha H. Abou Baker	2242-2248
PRESCRIBING PATTERN AMONG OUT PATIENTS OF DEPARTMENT OF OBSTETRICS AND GYNAECOLOGY IN A TERTIARY CARE HOSPITAL	Chinju Susan Chacko, Nandakumar U.P., Sharad Chand, Shravya Lakshmi S., M. Gnana Ruba Priya, Abhinaya M., Sara V.S. and Lihorila L. Sangtam	2249-2251
RESPONSE OF VALENCIA ORANGE TREES GROWN UNDER SANDY SOIL TO MITIGATION OF HEAT STRESS BY MELATONIN, GIBBERELLIN AND SALICYLIC ACID APPLICATION	Abd El-Naby S.K.M., A. Abdelkhalek, M.H.M. Baiea and O.A. Amin	2252-2258
MANAGEMENT STRATEGY OF BIOCHAR AND COMPOST FOR IMPROVING THE PRODUCTIVITY OF VALENCIA ORANGE GROWN ON SANDY SOIL	Abd El-Naby S.K.M., A. Abdelkhalek, M.H.M. Baiea, O.A. Amin and R.KH.M. Khalifa	2259-2264
IMPACT OF SPRAYING SOME CHEMICAL SUBSTANCES ON PROTECTING VALENCIA ORANGE TREES FROM HEAT STRESS INJURIES	Abd El-Naby S.K.M., A. Abdelkhalek, M.H.M. Baiea and O.A. Amin	2265-2270
SCREENING NEW SESAME LINES AT TWO LEVELS OF NACL COMBINED WITH ALGAE	Anter A.S. and Abo Elkar B.E.	2271-2276

TITLE	AUTHOR	PAGE NO.
MOLECULAR DOCKING STUDIES OF PHENOLIC COMPOUNDS FROM CITRUS SINENSIS AGAINST MULTIPLE TARGETS OF TYPE 2 DIABETES	Ajmer Singh Grewal, Neelam Sharma, Sukhbir Singh, Anil Bansal, Sakshi and Supriya Kumari Singh	2277-2284
REVIEW ARTICLE: PDE4 INHIBITION: AN EMERGING THERAPEUTIC STRATEGY IN LIVER DISEASES	Ajmer Singh Grewal, Komal Thapa, Neelam Sharma, Sukhbir Singh, Reetinder Singh, Kanwarjot Singh and Sandeep Arora	2285-2290
DEVELOPMENT AND VALIDATION OF UV-SPECTROSCOPY ANALYTICAL METHOD FOR ESTIMATION OF LAFUTIDINE IN SOLID NANO-DISPERSION	Sukhbir Singh, Kanika Garg, Neelam Sharma, Shweta Sharma and Sandeep Arora	2291-2297
REVIEW ARTICLE: NANO-STRUCTURED LIPID CARRIERS: A PROMISING STRATEGY AND CURRENT PROGRESS IN RHEUMATOID ARTHRITIS AND PAIN MANAGEMENT	Neelam Sharma, Shweta Sharma, Sukhbir Singh, Kanika Garg, Supriya Kumari Singh and Sandeep Arora	2298-2308
ANALYSIS OF HEAVY METAL LEAD (Pb) AND MERCURY (Hg) IN COASTAL CITY OF PREPARE, INDONESIA	Ayu Dwi Putri Rusman, Fitriani Umar, Haniarti, Makhrajani Majid, Usman, Henni Kumaladewi Hengky, Herlina, Dian Pratiwi Malik, Yuni Wulandari Sahdi and Rahmadi Tambaru	2309-2311
THE COMPOSITION OF THE TYPE AND BIODIVERSITY OF PLANKTON IN INTEGRATED FISHERY ACTIVITY IN WATER OF AWERANGE BAY BARRU DISTRICT SOUTH SULAWESI, INDONESIA	Andi Adam Malik, Muhammad Siri Dangnga, Andi Sitti Halima and Rahmadi Tambaru	2312-2318
THE EXISTENCE OF ESCHERICHIA COLI BACTERIA ON THE DRINKING SERVICE OF ICE TELLER	Henni Kumaladewi Hengky, Andi Nuddin, Makhrajani Majid, Fitriani Umar, Ayu Dwi Putri Rusman, Usman, Nurhuda and Tenri Esa	2319-2321
STOCK CONDITION EVALUATION USING POPULATION DYNAMIC PARAMETERS: CASE OF RED SNAPPER (<i>LUTJANUS GIBBUS</i>) AT ALOR WATERS, EAST NUSA TENGGARA, INDONESIA	Amap Pakro, Achmar Mallawa, Sudirman and Faisal Amir	2322-2326
WEEDS, EPIPHYTES AND ICE-ICE DISEASE ON GREEN-STRAINED KAPPAPHYCUS ALVAREZII (DOTY) IN TAKALAR WATERS, SOUTH SULAWESI IN DIFFERENT SEASONS AND LOCATIONS OF CULTIVATION	Badraeni, Radjuddin Syamsuddin, Haryati and Farid Samawi	2327-2332
GENETIC DIVERSITY OF EIGHT TYPES OF BAMBOO BASED ON RANDOM AMPLIFIED POLYMORPHIC DNA (RAPD) MARKERS	Muhammad Fadly Makmur, Siti Halimah Larekeng and Muh Restu	2333-2337
THE STRUCTURE, COMPOSITION AND UTILIZATION OF PLANTS AT LEMBANG BURI TONGKONAN GARDENS IN REMBON DISTRICT OF TANA TORAJA, INDONESIA	Afrisal Karaeng T., Baharuddin Nurkin, Budirman Bachtiar and Siti Halimah Larekeng	2338-2342
IN VITRO SHOOT INDUCTION OF BATIK BAMBOO USING BAP AND NAA	J. Hiswan, S.H. Larekeng, Gusmiaty, Wilda and S.D. Putri	2343-2349
TECHNIQUES FOR MASS DEVELOPMENT OF BAMBOO BETUNG (DENDROCALAMUS ASPER BACK.) USING BRANCH CUTTINGS	S.A. Paembonan, A. Umar, Siti Halimah Larekeng and Hermawanto	2350-2353
INCOME ANALYSIS OF SERICULTURE FARMERS (IMPORTED CHINESE SEEDS) IN PISING VILLAGE, DONRI-DONRI DISTRICT, SOPPENG REGENCY, INDONESIA	Sadapotto A., Ria Rahayu and Budiaman	2354-2360
STATUS OF TAMIL NADU GRAPE FARMERS IN ADOPTION OF DRIP IRRIGATION TECHNOLOGIES - A VIEW	R. Jayasankar, V. Sneha and R. Muthukumar	2361-2362
STUDY OF FAILURE OF FERTILIZATION IN DATE PALM (PHOENIX DACTYLIFERA L.) BARHI CV.	Salah A.M. Abd-Elhaleem, F.M. Abd El- Latif, H.E.M. El-Badawy, B.M. AbdAlla and S.F. El-Gioushy	2363-2368
RESPONSE OF NEW SESAME LINES (SESAMUM INDICUM L.) TO DEFICIT IRRIGATION UNDER CLAY SOILS CONDITIONS	Abdelraouf R.E. and Anter A.	2369-2377
DROUGHT STRESS EFFECTS ON THREE DIFFERENT OLIVE CULTIVARS	Islam F. Hassan, Abou Leila Bedour and Gaballah Maybelle	2378-2382
A RETROSPECTIVE STUDY ON THE DRUG USAGE PATTERN OF CEPHALOSPORINS IN THE GENERAL MEDICINE DEPARTMENT	Karukakulam Sandra Dominic, Nandakumar U.P. and Sharad Chand	2383-2387
TUDY OF ADAPTATION OF DUTCH FENNEL PLANTS TO IMPROVE GROWTH, YIELD AND PRODUCTION OF VOLATILE OIL CONTENT UNDER INFLUENCE OF HARVEST TIME AND DIFFERENT SOURCES OF POTASSIUM FERTILIZER	Salama Y.A.M. and Rania M.R. Khater	2388-2395
STUDY OF GENETIC PARAMETERS AND CLUSTER ANALYSIS FOR NEW GENOTYPES OF BREAD WHEAT (TRITICUM AESTIVUM L.)	Abdullah K. Mohammad and Muhammad S. Al-Taweel	2396-2402
EFFECT OF NANOPARTICLES AND ORDINARY ZINC OXIDE FERTILIZER AND HUMIC ACID ON ZINC AND PHOSPHOROUS AVAILABLY IN THE SOIL	Hawraa Talal Mohsen Al-Aaraji and Mohammed Abed Al-Rubaye	2403-2410
CHEMICAL CONSTITUENTS AND DESCRIPTIVE PROPERTIES OF SAPONARIA VACCARIA PLANT: A REVIEW	Hayder Yousif Falih, Suhad Y. Abed and Zahraa F. Shaker	2411-2414
EVALUATION EFFICIENCY OF PERFORMING FISH PRODUCTION PROJECTS IN ANBAR PROVENCE, IRAQ	Luna M. Abdullah, Hameed R. Abtan and Eskander H. Ali	2415-2424
LABORATORY INVESTIGATIONS OF URINARY TRACT INFECTIONS USING BACTERIOLOGICAL AND BIOCHEMICAL METHODS AND THEIR ANTIBIOTICS SENSITIVITY	Hammad Shihab Ahmed	2425-2430
IMPROVEMENT OF A-TOCOPHEROL ACCUMULATION IN ARGANIA SPINOSA SUSPENSION CULTURES BY PRECURSOR AND NANOPARTICLES FEEDING COMPARATIVE BOTANICAL STUDIES ON SOME SPECIES OF	Ghada A. Hegazi, Walaa M. Ibrahim, Mohamed H. Hendawy, Hanaa M. Salem and Heba E. Ghareb	2431-2437
CUPRESSACEAE AND TAXODIACEAE IN EGYPT	El-Taher A.M. and Fatema S. Mohamed	2438-2449
A REVIEW ON YIELD MAPPING: A DETAILED INTROSPECTION	Sambit Shome and Hina Upadhay	2450-2452

TITLE	AUTHOR	PAGE NO.
BALANCED FERTILIZATION OF MAJOR CROPS IN EGYPT : A REVIEW	Maybelle S. Gaballah, Hani A. Mansour and Osama A. Nofal	2453-2458
SHELF-LIFE OF LEMON FRUITS AS FUNCTION OF VARIOUS PACKAGING MATERIALS	Anmol and Shailesh Kumar Singh	2459-2462
BIOCHEMICAL STUDIES ON AGGLUTININ FROM ABRUS PRECATRIUS	Anuj Sharma, Karan Paul and Shelly Gupta	2463-2467
INFLUENCE OF SULFUR AND NITROGEN AVAILABILITY ON STORAGE PROTEIN ACCUMULATION AT DIFFERENT GROWTH STAGES IN MUNGBEAN [VIGNA RADIATA (L.) WILCZEK]	Arvind Kumar, Sruchi Devi, Sucheta Sharma, JS Sital, Sarvjeet Singh, Minhaj Ahmad Khan and Surender Jangra	2468-2475
RADICAL SCAVENGING ABILITY OF BLACK TEA INFUSIONS WITH OR WITHOUT MILK IN COMBINATION WITH OCIMUM GRATISSIMUM	Ahsan ul Haq and Amit Sehgal	2476-2480
TECHNOLOGY DEVELOPMENT FOR THE PRODUCTION OF SELF CARBONATED LESS ALCOHOLIC LEMON BEVERAGE	Richa Arora, Sweety Kaur	2481-2486
EFFICACY OF ANTI-BACTERIAL ACTION ON SEVEN MEDICINAL PLANTS EXTRACT AGAINST NEONATAL SEPSIS CAUSING BACTERIA-AN IN VITRO STUDY	Bijay Raj Pandit and Ashish Vyas	2487-2494
BIOTIC SYMBIOSIS AND PLANT GROWTH REGULATORS AS A STRATEGY AGAINST CADMIUM AND LEAD STRESS IN CHICKPEA	Prasann Kumar and Mohit Naik	2495-2500
DEVELOPMENT OF HERBAL TEA CONCENTRATE FROM KAHWA LEAVES	Daljeet Singh Dhanjal, Sohom Roy, Karan Vanni, Ayesha Farheen, Vidushi Sharma, Deepankar Singh, Reena Singh Chopra, Chirag Chopra	2501-2504
SCREENING OF TRICHODERMA AND PSEUDOMONAS ISOLATES AGAINST CORYNESPORA SP. AND ALTERNARIA SP. IN SARPAGANDHA AND THANKUNI UNDER IN VITRO CONDITION	Debjani Choudhury and Sumanbala Seram	2505-2508
MICROORGANISM BASED BIOSENSORS TO DETECT SOIL POLLUTANTS	Rabiu Garba Ahmad and Vineet Kumar	2509-2516
ANALYSIS OF SOCIO-ECONOMIC CHARACTERISTICS AND TECHNOLOGY ADOPTION BY CHICKPEA CULTIVATORS IN UTTAR PRADESH	A.K. Rajbhar, H.C. Singh, K.K. Jha and Sharad Sachan	2517-2521
A STUDY ON ECONOMICS OF GINGER CULTIVATION IN ASSAM- A CASE STUDY OF TINSUKIA DISTRICT	Namami Gohain, H.N. Atibudhi and Avinash Kumar	2522-2526
POST HARVEST LOSSES AND MARKETING TECHNOLOGIES OF AGRICULTURAL PRODUCTS IN KANPUR, UTTAR PRADESH, INDIA	Sharad Sachan, Roop Kumar and Subhash Kumar Jawla	2527-2531
COST BENEFIT ANALYSIS AND MARKETING OF MUSHROOM IN UTTAR PRADESH	Sharad Sachan and Roop Kumar	2532-2536
QUERCETIN AS AN IMPORTANT NUTRACEUTICAL AND MEDICINAL AGENT	Bijay Kumar Yadav, Jaskiran Kaur, Nitin Kumar, Manish Vyas, Roqia Bashary, Amit Mittal, Jamshed Haneef and Gopal L. Khatik	2537-2547
ISOLATION AND BIOCHEMICAL CHARACTERIZATION OF AN ALKALOPHILIC, COLD-ACTIVE CELLULASE FROM BACTERIA ISOLATED FROM BONIYAR REGION OF KASHMIR	Simran Kaur, Daljeet Singh Dhanjal, Saurabh Singh, Chirag Chopra, Reena Singh Chopra	2548-2553
APPRAISAL OF ANTIOXIDANT EFFECT OF FRESH AND DRIED LEAVES OF LEMONGRASS (CYMBOPOGON CITRATUS)	Khushboo Guleria and Amit Sehgal	2554-2557
LIGNIN ESTIMATION IN SORGHUM LEAVES GROWN UNDER HAZARDOUS WASTE SITE	Prasann Kumar and Padmanabh Dwivedi	2558-2561
OCCURRENCE AND TOXICITIES OF HEAVY METALS: AMELIORATION BY ASPARAGUS RACEMOSUS & URTICA DIOCIA	Mahendra P. Singh, Prasoon Priyadarsi, Shafali Jaiswal, Adity, Navdeep Singh	2562-2570
EXTRACTION OF SOYBEAN PEROXIDASE AND ITS APPLICATION IN THETREATMENT OF CONTAMINATED SUBSTANCES	Nidhi Mehta, Asmita Sehgal, Maina Mohammed Idriss	2571-2579
DRUG DESIGNING FOR β-SECRETASE: DEVELOPMENT OF A POTENTIAL THERAPEUTIC INHIBITOR FOR THE TREATMENT OF ALZHEIMER'S DISEASE	Nillohit Mitra Ray, Navneet Saini and Vikas Kaushik	2580-2585
SYNTHESIS AND ULTRASONIC INVESTIGATION OF GRAPHENE OXIDE NANOSUSPENSION WITH WATER	Alok Jain, K.C. Juglan	2586-2593
COMPARATIVE ASSESSMENT OF THE EFFECT OF DIFFERENT HERBICIDES ON WEEDS REPORTED IN CULTIVATION OF NATURAL SWEETENER PLANT: STEVIA REBAUDIANA BERTONI	Pooja Taak, Muhammad Sunusi Ahmad and Bhupendra Koul	2594-2599
APPLICATION OF SUSTAINABLE GREEN NANOMATERIAL FOR DESERT CULTIVATION	Alaa K.H. Al-Khalaf	2600-2604
THE EFFECT OF ADDING SOME ESSENTIAL OILS TO THE PHYSICOCHEMICAL PROPERTIES OF FROZEN BEEF SAUSAGE WITH DIFFERENT STORAGE PERIODS	Raed Mohammed Khalaf Al-Zaidi and Mahmoud Mohamed Ahmed	2605-2609
EFFICIENCY OF PLEUROTUS OSTREATUS IN BIO-SYNTHESIS OF SILVER NANO-PARTICLES AND PRODUCT EFFICACY AGAINST CANDIDA ALBICANS ISOLATES	Wifaq Ahmed Mahmood and Alaa Abd Ali Alkhffaf	2610-2615
EFFECT OF MORINGA LEAVES EXTRACTS AND LICORICE ROOTS ON SOME GROWTH CHARACTERISTICS AND YIELD OF GRAPE (VITIS VINIFERA L.) CV. HALAWANY	Bnar Fuad Jamal Alsalhy and Ali Muhi Aldeen Omar Aljabary	2616-2623
EFFECT OF DAYTIME AND NOCTURNAL BOUNDARY LAYERS HEIGHT ON SOME POLLUTANT GASES PROFILE OVER BAGHDAD CITY, IRAQ	Mays A. Ali and Ahmed F. Hassoon	2624-2630
EFFECT OF PETROLEUM POLLUTION AMOUNT ON BIOLOGICAL TREATMENT OF HYDROCARBON COMPOUNDS IN SANDY-LOAM SOIL	Wisam Abdul-Ameer Farid, Wasen Abdul- Ameer Ali and Aseel Nadum Al-Salman	2631-2635
GRAVITY WATER PURIFIER USING ACTIVATED CARBON FROM COCONUT SHELL FOR RURAL APPLICATION	Prashant Rathore and Ankit Kotia	2636-2640
HEAVY METALS TOXICITY AND DETOXIFICATION STRATEGIES IN PLANTS	Monika Sood, Mamta Pujari and Dhriti Kapoor	2641-2646
STUDY ON AQUATIC POPULATION DYNAMICS UNDER POLLUTION	Shreya and Preety Kalra	2647-2652

TITLE	AUTHOR	PAGE NO.
AND GLOBAL WARMING: MATHEMATICAL REVIEW		
DECLINE IN DISSOLVED OXYGEN DUE TO INCREASING TEMPERATURE AND ALGAL BLOOMS: MATHEMATICAL MODEL	Shreya and Preety Kalra	2653-2659
INTEGRATED CROP RESIDUES MANAGEMENT FOR A SUSTAINABLE AGRICULTURE: ONLY ANSWER TO THE STUBLE BURNING-A REVIEW	Premasis Sukul and Kaushal Kumar	2660-2664
ENHANCED ANTIOXIDANT AND PHYTOCHEMICAL PROPERTIES OF <i>IN VITRO</i> GROWN <i>ASPARAGUS RACEMOSUS</i>	Sushant Kumar, Nahid Akhtar and Prabhjot Singh Jassal	2665-2669
STRUCTURAL CHARACTERIZATION OF POLYANILINE PREDICTION OF BIO-OIL PRODUCTION FROM BIOMASS BY USING	Anil Kumar and Harish Mudila	2670-2672
EXPERIMENTAL PYROLYSIS TECHNIQUE AND THEORETICAL ESTIMATION BY USING MACHINE LEARNING TECHNIQUES	A.P.Singh Chouhan, S.P.Singh	2673-2677
GREEN SYNTHESIS OF COPPER NANOPARTICLES USING THUJAORIENTALIS AND ITS LARVICIDAL POTENTIAL AGAINST MALARIAL VECTOR	Amaninder Kaur Riat and Gulshandeep Kaur	2678-2682
ABIOTIC ELICITATION: A TOOL FOR PRODUCING BIOACTIVE COMPOUNDS	Biji A Varghese, Nisha Kumari, Sruchi Devi, Minhaj Ahmad Khan, Surender Jangra, Arvind Kumar	2683-2689
MICROBIAL STUDY OF CONJUNCTIVITIS IN IRAQI PATIENTS	Mohammed A.M. Al-Mishhadani, Jasim M. Karhoot, Fakryi M. Al-Hadithi and Sudad J. Mohammed	2690-2693
THE INFLUENCE OF ADDING RAISINS FLOUR WITH OR WITHOUT PROBIOTIC FOR REDUCING HEAT STRESS IMPACTS IN IRAQI AWASSI LAMBS	Atheer Salih Mahdi, Ali Hussein Mohammed, Zaid Emad Zaini and Hamza M. Al-Khuzai	2694-2696
THE EFFECT OF ADDING NANO CONCENTRATIONS OF HYDROGEN PEROXIDE TO THE DILUTED SEMEN OF IRAQI LOCAL ROOSTERS ON SOME LABORATORY CHARACTERISTICS AFTER COOLING AND CRYOPRESERVATION	Ahmed A.J. Al-Mhanawi and Waleed K.A. Al-Hayani	2697-2703
EVALUATING PERFORMANCE OF CLEANING THE DIESEL ENGINE LUBRICATION SYSTEM FROM POLLUTION	D.A.Y. Al-Saadi, V.V. Ostrikov, S.N. Sazonov and A.V. Zabrodskaya	2704-2707
PREDICTED VOLTINISM FOR SACCHARICOCCUS SACCHARI (COCKERELL) (HEMIPTERA: PSEUDOCOCCIDAE) ON SUGARCANE IN EGYPT	Ebieda Ahmed M.M., K.M. Mohanny, Ghada S. Mohamed, R.O.H. Allam and Marwa A.A. Sadan	2708-2714
PLANT SPACING AND INTEGRATED NITROGEN MANAGEMENT EFFECTS ON YIELD AND ECONOMICS OF DIRECT SPOT SEEDED RICE IN COASTAL TAMILNADU, INDIA	Rex Immanuel R., M. Thiruppathi, G.B. Sudhagar Rao and S. Sanjai Gandhi	2715-2721
SEROPREVALENCE OF ENZOOTIC ABORTION AND BORDER DISEASE IN SMALL RUMINANTS IN AL-BASRA PROVINCE, IRAQ	Tamadhir A. Al-Ahmed and Sufian S. Salman	2722-2727
COMPARISON OF THE ROLE OF GROWTH REGULATORS AND ITS IMPACT ON YIELD AND YIELD COMPONENTS OF RICE UNDER SALINE STRESS	Saad F. Hadi and M. Mubarak Ali Abdul- Razak	2728-2732
EPIDEMIOLOGICAL STUDY OF CUTANEOUS LEISHMANIASIS IN KIRKUK PROVINCE, IRAQ	Huda M. Taher, Shihab A. Mohammed and Ayhan R. Mahmood	2733-2736
THE INFLUENCE OF FOLIAR APPLICATION OF WHEY AND PERIODS OF CUTTING ON DRY MATTER YIELD AND FORAGE QUALITY IN SORGHUM (VAR.BOHOOTH 70)	H.A. Salih and H. KH. Khrbeet	2737-2745
CONSUMER AWARENESS TOWARDS PESTICIDE RESIDUES AND SOURCING PRACTICES: CEREALS AND PULSES	Vidisha Tomer, Sonika Sharma and Jaswinder Kaur Sangha	2746-2750
PRESERVATION OF FOOD AND NUTRITION BY OSMOTIC DEHYDRATION TECHNOLOGY	Anis Mirza and J. Singh	2751-2757
ISOTHIOCYANATES; SOURCES, PHYSIOLOGICAL FUNCTIONS AND FOOD APPLICATIONS	Mudasir Yaqoob, Poonam Aggarwal, Mukul Kumar, Neha Purandare	2758-2763
INVESTIGATION OF ANTICANCER AND ANTITUBERCULAR ACTIVITY OF SOME MEDICINAL PLANTS	Tanu Bansal, Harpreet Kaur, Sandeep Kaur and Dr. Satwinder Kaur	2764-2768
AN OVERVIEW OF PREPARATION, CONSUMPTION PATTERN AND QUALITY ATTRIBUTES OF GHEWAR: A TRADITIONAL SWEET OF HARYANA, INDIA	Varun Batra, Vikas Kumar, Jaspreet Kaur, Rasane Prasad, Yogesh Gat, Sheenam Suri	2769-2780
HERBAL INTERVENTIONS IN MANAGING DIABETES MELLITUS: A REVIEW	Jyoti Singh Jatinder Singh and Simranjeet Kaur	2781-2791
ULTRASONIC AND VISCOMETRIC INVESTIGATION OF TERNARY LIQUID MIXTURES OF GLYCOLS IN METHANOL SOLUTION OF METHYLPARABEN AT DIFFERENT TEMPERATURES	Ashima, K.C. Juglan	2792-2800
ULTRASONIC BEHAVIOUR OF AQUEOUS SODIUM SALT OF ETHYLPARABEN WITH ETHYLENE GLYCOL AND PROPYLENE GLYCOL AT 298.15 K TEMPERATURE	Ashima and K.C. Juglan	2801-2807
PREDICTION OF ANTICANCER ACTIVITY OF POTENTIAL ANTICANCER COMPOUNDS USING PASS ONLINE SOFTWARE	Linu Dash, Neha Sharma, Manish Vyas, Rajan Kumar, Rakesh Kumar, Sanchit Mahajan, Navneet Khurana	2808-2813
SAFE DISPOSAL OF MEDICATION PRACTICES	Harpreet Kaur and Jashanpreet Singh	2814-2819
ROLE OF GROWTH REGULATORS AND MICROBES FOR METAL DETOXIFICATION IN PLANTS AND SOIL	Mohit Naik, Prasann Kumar	2820-2824
ULTRASONIC INVESTIGATION OF DICHLOROMETHANE WITH ETHANOLAMINE AT VARIOUS TEMPERATURES	Nabaparna Chakraborty, Monika Rani and K.C. Juglan	2825-2829
EFFECT OF USE OF DIFFERENT CONCENTRATIONS OF CINNAMOMUM CASSIA POWDER IN SOME CARCASS AND BLOOD CHEMICAL TRAITS OF BROILERS	Adnan Shakor Ahmed Al-perkhdri and Rekawt Majeed Muhammed	2830-2832

TITLE	AUTHOR	PAGE NO.
BENINCASA HISPIDA IS AN ANTIOXIDANT OF POSSIBLE PHYSIOLOGICAL IMPORTANCE: A COMPARATIVE REVIEW	Sarmad Abdul Razak Abood Alsaadi and Kasim Sakran Abass	2833-2838
STUDY OF THE EFFECT OF FOLIAR SPRAY WITH NANO FERTILIZER AND BIOLOGICAL FERTILIZATION IN SOME CHARACTERISTICS OF VEGETATIVE AND ROOT GROWTH OF ORANGE SEEDLINGS	Mohammed Hussein Hamza and Akram Abdal-Kadhim Hadi	2839-2844
INVESTIGATION OF SOME HEAVY METALS IN WATER AND PRUSSIAN CARP <i>CARASSIUS AURATUS</i> (L.) IN AL-CHABAISH MARSH IN THI-QAR PROVINCE, SOUTH IRAQ	Imad S. Oudah, Ahmed J. Mohammed and Abdul Sahib K. Ali	2845-2851
REALISTIC EVALUATION OF GREEN SPACES AND FALLING DUST RATE IN THE CITY CENTRE OF HOLY KARBALA, IRAQ	Jaafar Hussain Hamad Al-Hamd and Nawal Mahmoud Alwan	2852-2858
PREPARATION AND IDENTIFICATION OF NEW DERIVATIVE OF ACETAMINOPHEN AND STUDY ITS APPLICATION IN THE DETERMINATION OF CU (II) USING SPECTROPHOTOMETRIC METHOD	Khdeeja Jabbar Ali and Thekrayat Joodi Jassim	2859-2865
ESTABLISHMENT OF IRAQI CAMELS REFERENCE INTERVALS OF IRON STATUS PARAMETERS	Laith S. Ghali and Majida A.J. Al-Qayim	2866-2870
RESPONSE OF SUGARCANE SACCHARUM OFFICINARUM L. VARIETIES TO SEEDLING TECHNIQUE	Wissam M. Dawood and Nidhal Y.A. Alghargan	2871-2879
OFF-SEASON WEED FLORA-A PROSPEROUS FORAGING SOURCE FOR MELIPONICULTURE IN HIGH RAINFALL AGRO-CLIMATIC ZONE OF TAMILNADU, INDIA	Rex Immanuel, R and A.M. Amala Hyacinth	2880-2884
EFFECT OF DIFFERENT LEVELS OF POSTBIOTIC ON GROWTH PERFORMANCE, INTESTINAL MICROBIOTA COUNT AND VOLATILE FATTY ACIDS ON QUAIL	Karwan Yaseen Kareem	2885-2887
STAKEHOLDER PERSPECTIVES ON CLIMATE CHANGE IN THE THRISSUR KOLE WETLANDS, INDIA	Aravindh Panikkaveettil, Aiswarya Vijayakumar and S. Harikumar	2888-2893
CLIMATE CHANGE AND HUMAN HEALTH : QUANTIFYING WILLINGNESS TO PAY FOR AVERTING MORBIDITY IN KERALA, INDIA	P.K. Baby	2894-2899
ISOLATION AND DIAGNOSIS OF FUNGI ASSOCIATED WITH GECKO (EUBLEPHARIS MACULARIUS) AND THEIR CONTROL	Majid Kadhim Alshibly and Ihsan Ali Al Zamily	2900-2904
DETERMINATION OF GENETIC MUTATIONS THAT EFFECT UMOD GENE IN CHRONIC RENAL FAILURE AT NINEVEH CITY, IRAQ	Eyman T. Al-Ali and Muna H. Jankeer	2905-2910
ISOLATION OF <i>CRYPTOSPORIDIUM</i> SPP. FROM RABBITS IN BAGHDAD CITY, IRAQ	Israa N. Hussein Al-Dahhan and Zainab R. Zghair	2911-2914
MOLECULAR IDENTIFICATION <i>OF CRYPTOSPORIDIUM</i> SPP. FROM RABBITS IN BAGHDAD CITY, IRAQ	Israa N. Hussein Al-Dahhan and Zainab R. Zghair	2915-2917
EFFECT STUDY OF SEASON, AGE AND GENDER ON THE PREVALENCE OF TICKS IN CAMELS (CAMELUS DROMEDARIUS) IN MIDDLE AND SOUTHERN IRAQ	Hamed A.H. Aljabory, Nooralhuda W. Abdulredha, Ahmed Hamzah Mosa and Hassanin H.N. Alautaish	2918-2920
EFFECT OF FERTILIZATION AND IRRIGATION BY MIXED INDUSTRIAL DRAINAGE WATER ON GROWTH OF JATROPHA	Sabreen K. Pibars, Hani A. Mansour and Maybelle S. Gaballah	2921-2928
THE POSSIBILITY OF COMBINING EARLINESS WITH HIGH SEED YIELD IN F ₁ GENERATION OF SESAME (SESAMUM INDICUM L.)	Anter A.S.	2929-2933
EFFECT OF RAW COW MILK KEFIR ON SOME SEMEN TRAITS IN IRAQI RAM LAMBS	Rafid Jawad Kadhim and Tamara N. Dawood	2934-2939
THE PROTECTIVE EFFECTS OF THE ORGANIC SELENIUM (HIGH- SELENIUM YEAST) ON THE OXIDATIVE STRESS CAUSED BY METHANEDIENONE ON THE BRAIN OF MALE RABBITS	Sabea Khamees Abed and Tahani S.S.Al- Azawi	2940-2947
SODIUM THIOSULPHATE SHOWS PROMISING ANTI-INFLAMMATORY ROLE AGAINST DOXORUBICIN-INDUCED RENAL INJURY DEPENDING ON TLR4 PATHWAY INHIBITION	Ali Khames, Amany M. Gad, Ola M. Abd Elraouf, Mohamed Ahmed Kandeil, and Marwa M. Khalaf	2948-2958
EFFECT OF DIFFERENT NPK NANO-FERTILIZER RATES ON AGRONOMIC TRAITS, ESSENTIAL OIL, AND SEED YIELD OF BASIL (OCIMUM BASILICUM L. CV DOLLY) GROWN UNDER FIELD CONDITIONS	Ali Sabah Alhasan	2959-2962
OPTIMIZATION OF PRODUCTION AND PARTIAL PURIFICATION OF TANNASE FROM LOCAL ISOLATE OF <i>BACILLUS LICHENIFORMIS</i> HJ2020 MT14171.1	Hameed Abbood Jebur	2963-2968
REVIEW ON HEALTH PROMOTING BIOLOGICAL ACTIVITIES OF MUNGBEAN: A POTENT FUNCTIONAL FOOD OF MEDICINAL IMPORTANCE	Nirmala Sehrawat, Mukesh Yadav, Sunil Kumar, Sushil Kumar Upadhyay, Manoj Singh and Anil Kumar Sharma	2969-2975
EFFECT OF COOKING METHOD ON THE CONTENT OF HEAVY METALS IN RICE THAT AVAILABLE IN LOCAL MARKET	Raafat A. Abu-Almaaly	2976-2981
CADMIUM ADSORPTION IN SOME IRAQI CALCAREOUS SOILS ACCORDING TO THERMODYNAMIC EQUILIBRIUM CONCEPTS	Mohammed Malik Hamid and Kadhim Makke Naser	2982-2988
THE EFFECT OF TEMPERATURE ON CADMIUM ADSORPTION AND DESORPTION IN SOME IRAQI CALCAREOUS SOILS	Mohammed Malik Hamid and Kadhim Makke Naser	2989-2995
REVIEW ARTICLE: THE ROLE OF AGRICULTURAL EXTENSION AGAINST THE CHALLENGES THAT FACING FARMERS WITHIN THEIR AGRICULTURAL ACTIVITIES	Mithal Abdulateef Salman	2996-3001
COMPRISAL EFFECT OF PROBIOTIC AND ANTIBIOTICS ON BIOFILM FORMING COAGULASE NEGATIVE STAPHYLOCOCCI CLINICAL ISOLATES	Marwa A. Al-Asady, Jasim H. Makhrmash and Ahmed M. Taqi	3002-3009
BIOLOGICAL TREATMENT OF CONTAMINATED WATER IN MINERAL ELEMENTS BY USING MIXING OF <i>DODONAEA</i> SP. AND <i>ARUNDO</i> SP. PLANTS	Ibtisam Fareed Ali Karm, Nibras Mohammed A. alsaffar and Yehya Kamal AL-Bayati	3010-3013
ROLE OF INTERLEUKIN-6 AND INTERLEUKIN-25 IN THE	Bashayir Naser Hasoon and Talib Abdullah	3014-3017

TITLE	AUTHOR	PAGE NO.
DEVELOPMENT OF RESPIRATORY ALLERGY THAT AFFECTED BY HOUSE MITES ALLERGEN IN IRAQ	Hussein	
CLINICAL STUDY WITH INVESTIGATION OF POLYMORPHISM TGF-β4 GENE IN IRAQI CHICKEN	Sura Faris Hasan and Abbas F. Sadiq	3018-3021
IMPACT OF CULTURE MEDIUM AND 2,4-D ON DIRECT SOMATIC EMBRYOGENESIS IN RED CABBAGE (<i>BRASSICA OLERACEA</i> VAR. CAPITATA FORMA RUBRA)	Ghassan Muhammed Al- Hardan, Magida AL-Shamari and Magid Ali Hanshil	3022-3026
HISTOLOGICAL AND SCANNING STUDY ON THE EMBRYO LIVER OF THE WHITE SWISS MICE (MUS MUSCULUS)	AL-Zubaidi K.A., Ali Thoulfikar Abdul Imeer, Ahmed Ali KHirallah	3027-3031
HEPATOPROTECTION BY NATURAL PRODUCTS: A RECENT UPDATE	Neha Morya, Ahmad Farid Habibyar, Manish Vyas, Sazal Patyar, Navneet Khurana, Neha Sharma	3032-3040
INDIAN HORTICULTURE RESEARCH TRENDS: A STUDY OF PHD RESEARCHES CONDUCTED IN INDIAN UNIVERSITIES AND INSTITUTIONS	Shiv Singh, Neha Munjal, Agnibha D. Majumdar, Harsha Rana and Kehar Singh	3041-3047
PHARMACOLOGICAL ACTIVITIES OF AZELAIC ACID: A RECENT UPDATE	Neha Sharma, Nishtha Tiwari, Manish Vyas, Navneet Khurana, Arunachalam Muthuraman, Puneet Utreja	3048-3052
AN OVERVIEW OF THERAPEUTIC EFFECTS OF VANILLIC ACID	Neha Sharma, Nishtha Tiwari, Manish Vyas, Navneet Khurana, Arunachalam Muthuraman, Puneet Utreja	3053-3059
PLANT-MICROBE INTERACTION FOR INCREASED PLANT PRODUCTIVITY	Rohan Samir Kumar Sachan, Arun Karnwal	3060-3064
TOWARDS A MOBILE APP TECHNOLOGY-ENABLED SUSTAINABLE AGRICULTURE IN INDIA	Neeta Raj Sharma, Shashi Sharma, Deepansh Sharma	3065-3071
SMART FERTILIZERS IN FRUITS-LIMITATIONS AND CHALLENGES	Jatinder singh	3072-3078
THERMO PHYSICAL PROPERTIES OF SOME THIOCYANATES IN BINARY AQUEOUS MIXTURES OF ACETONITRILE AT FIVE EQUIDISTANT WORKING TEMPERATURES	R.C.Thakur, Ravi Sharma and Vishali	3079-3082
STUDY ON TRANSPORT PHENOMENON OF SOME DIVALENT TRANSITION METAL SULPHATES AND MAGNESIUM SULPHATE IN BINARY AQUEOUS MIXTURES OF DIETHYLENE GLYCOL (DEG)	Ramesh Thakur	3083-3088
INVESTIGATION ON TEMPERATURE-DEPENDENT VOLUMETRIC AND ACOUSTICAL PROPERTIES OF HOMOLOGOUS SERIES OF GLYCOLS CONTAINING D-PANTHENOL	Nabaparna Chakraborty, KC Juglan, Harsh Kumar	3089-3102
RADIOACTIVITY ASSESSMENT WITH DIFFERENT SAMPLES (SOIL, SEDIMENT) SELECTED FROM AL-BASRA GOVERNORATE, IRAQ	Ali Saud Hadi Al-Hamdani and Mohammed Abdul Kadhim Hadi Al-Sadi	3103-3110
MONTHLY CHANGES OF SOME PHYSICO-CHEMICAL PROPERTIES FOR TIGRIS RIVER WATER AND EVALUATION OF ITS CONTAMINATION BY SOME HEAVY METALS	Abeer Faiq Harby and Kadhim Makke Naser	3111-3117
BIOTECH TECHNIQUES FOR ACCELERATED BREEDING OF SAFFLOWER (<i>CARTHAMUS TINCTORIUS</i> L.) RESISTANT TO <i>FUSARIUM OXYSPORUM</i> SCHLECHT	E.A. Kalashnikova, R.N. Kirakosyan, Nagham M. Al-Azawi, S.K. Temirbekova, Yu. V. Afanasyeva and I.M. Kulikov	3118-3121
EFFECT OF SPRAYING ORGANIC FERTILIZER, NANO PROCESSOR WITH BORON IN THE GROWTH AND PRODUCTIVITY OF CITRUS LIMON L. TREES	Hussein Mohammed Shimran AL-Akaishy, Abbas Mohsen Salman Al-Hamidawi and Ghaleb Bhew Abod AL-Abbasi	3122-3125
A NEW AND INNOVATIVE METHOD FOR SAVING WATER, ENERGY, FERTILIZERS, REDUCING OF SOIL SALTS ACCUMULATION AND WEEDS GROWTH UNDER GREENHOUSES CONDITIONS	El-Shawadfy, M.A.; Abdelraouf, R.E.; El-Shafie, A.F. and Marwa, M.A.	3126-3137
EFFECT OF DEFICIT IRRIGATION SCHEDULING AND MINIMUM TILLAGE ON THE WATER STRESS, WATER APPLICATION EFFICIENCY, YIELD AND WATER PRODUCTIVITY OF BARLEY UNDER SANDY SOIL CONDITIONS	El-Shawadfy, M.A.; Abdelraouf, R.E.; Marwa, M.A. and El-Shafie, A.F.	3138-3148
EFFECT OF CHITOSAN AND CALCIUM CHLORIDE APPLICATION ON TUBER YIELD AND VEGETATIVE PARAMETERS AGAINST POTATO GANGRENE UNDER FIELD CONDITIONS	Sabah R. Mohammed, Ivan D. Eskov and Elsayed M. Zeitar	3149-3153
A REVIEW ON ROLE OF BIO-FERTILIZERS IN FRUIT CROPS	Lakhwinder Singh and Ramesh Kumar Sadawarti	3154-3158
POSSIBILITY OF DECREASING CONSUMPTION OF CHEMICAL FERTILIZERS WITH USING PHOSPHOROUS AND POTASSIUM SOLUBILIZING BACTERIA INOCULATION ON FENNEL	El-Saied R.M., Abd Elhamed R.S. and Hassanein W.A.	3159-3169
PESTICIDES: INTRODUCTION, TYPES AND TOXICITY	Simranjeet Singh and Joginder Singh	3170-3174
ASSOCIATION BETWEEN DIABETES AND THYROID DISORDERS	Abdur Rahim Abidi and Pranav Kumar Prabhakar	3175-3182
BIOREACTOR STRATEGIES TO INCREASE THE ENGINEERED PROTEIN PRODUCTION IN LACTOCOCCUS LACTIS	Pranav Kumar Prabhakar	3183-3191
A REVIEW ON EDARAVONE AS POTENTIAL ANTIOXIDANTS	Chhavi, Praveen Kumar Sharma and Viraj Hanumantrao Mankar	3192-3198
STUDY OF THIAZINES AS POTENTIAL ANTICANCER AGENTS	Puneet Chaucer and Praveen Kumar Sharma	3199-3202
FUNCTIONAL PROPERTIES, AND IN VITRO MINERAL BIOAVAILABILITY OF DEFATTED CUCUMIS MELO AND CITRULLUS VULGARIS SEED FLOURS	Prince Chawla, Aarti Bains	3203-3207
EFFECTIVE REMOVAL OF CADMIUM IN WATER USING POWDERED ORANGE PEEL	S. Ravichandran	3208-3210
EMISSION CHARACTERISTICS STUDIES ON BIODIESEL DERIVED FROM VEGETABLE OIL AND ANIMAL FAT	S.Ravichandran and S.Ramabadran	3211-3214

TITLE	AUTHOR	PAGE NO.
EXPLORATION OF ANTICANCER POTENTIAL OF PHYTOCONSTITUENTS AND ITS NANO APPROACHES	Pallavi Nayak, Manvendra Singh, Vijay Mishra	3215-3220
HERBAL APPROACHES FOR THE TREATMENT OF DIABETES MELLITUS	Manvendra Singh, Pallavi Nayak, Vijay Mishra	3221-3228
EFFECT OF PRETREATMENTS, DRYING THICKNESSES AND METHODS ON DRYING CHARACTERISTICS OF ONION SLICES	Anuj Yadav, Shusheel Kumar and Ankit Kumar	3229-3237
SYNTHESIS, CHARACTERIZATION AND ANTI-TUBERCULAR ACTIVITY OF SELENOSEMICARBAZONES CONTAINING FUSED AROMATIC RINGS	Rinku Malhi and Rekha Sharma	3238-3243
RESPONSES OF SEVEN MAIZE GENOTYPES DURING FLOODING STRESS AND IDENTIFICATION OF CULTIVARS MOST TOLERANT TO FLOODING CONDITIONS	Rohini Lama, Nishika Jaishee, Usha Chakraborty, & Ayan Roy	3244-3249
BIOLOGICAL ASSESSMENTS OF SUBSTITUTED BENZOTHIAZOLE DERIVATIVES IN STREPTOZOCIN INDUCED DIABETES RATS	Sunil Kumar, Abhilasha Mittal, Ashish Pathak, Sanjeev K. Sahu	3250-3253
SEED GERMINATION TEST USING IMAGE PROCESSING	Angelina Gill, Jatindar Singh	3254-3258
STUDY OF THE EFFECT OF PEPPERMINT EXTRACT ON SALMONELLA SPP, ISOLATED FROM BLOOD SPECIMEN	Rabab J H AL-Hasseny	3259-3261
FOOD HABITS OF MATANO MEDAKA, <i>ORYZIAS MATANENSIS</i> (AURICH, 1935) AT LAKE TOWUTI, SOUTH SULAWESI, INDONESIA	AthiraRinandha, Sharifuddin Bin Andy Omar, Joeharnani Tresnati and DewiYanuarita	3262-3265
EFFECT OF IRRIGATION SYSTEM AND IRRIGATION INTERVALS ON THE WATER APPLICATION EFFICIENCY, GROWTH, YIELD, WATER PRODUCTIVITY AND QUALITY OF SQUASH UNDER CLAY SOIL CONDITIONS	Okasha E.M.; Fadl A. Hashem and El- Metwally I.M.	3266-3275
IN VITRO CULTURE OF ARGANIA SPINOSA AND INFLUENCE OF NANOPARTICLES ON GROWTH IMPROVEMENT	Ghada Abd El-Moneim Hegazi, Walaa Mohamed Ibrahim, Mohamed Hamed Hendawy, and Hanaa Mohamed Salem	3276-3283
A COST EFFECTIVE RP-HPLC METHOD FOR SIMULTANEOUS QUANTITATIVE ANALYSIS OF SAXAGLIPTIN AND METFORMIN HYDROCHLORIDE	Amit Kaushal, Sukhbir Singh, Sandeep Arora and Neelam Sharma	3284-3291
ECONOMICS OF PINEAPPLE CULTIVATION UNDER CLIMATE VARIABILITY IN KERALA, INDIA	Laisa Thomas and Vidya Dinesh	3292-3295
AIR POLLUTION AND NUTRITIONAL TRANSITION AS RISK FACTORS FOR NON-COMMUNICABLE DISEASES: THE EMERGING TRENDS IN HEALTH SCENARIO OF KERALA, INDIA	Anju Susan Thomas	3296-3300
GEO-SOCIOLOGICAL ACTIVITIES WITH FLORA ON BAHAG BIHU BY TIWA TRIBE OF MORIGAON DISTRICT, ASSAM, INDIA	Pallabi Deka and Ratumoni Das	3301-3303
SOCIO-CULTURAL FISHING ACTIVITY OF TIWAS, MORIGAON DISTRICT, ASSAM, INDIA	Pallabi Deka and Ratumoni Das	3304-3307
STUDIES ON THE USE OF PLANTS AND PLANT PARTS BY THE TRIBALS OF MALKANGIRI DISTRICT, ODISHA FOR DIFFERENT RITUALS AND MEDICINAL USES	Sujan Kumar Bala, Sagarika Parida and Gyanranjan Mahalik	3308-3312
SHOREA ROBUSTA GAERTN. F: A MULTI-THERAPEUTIC POTENTIAL INDIGENOUS DRUG	Neeraj Bainsal, Pradeep Goyal and Jitender Singh	3313-3322
LIPOSOMAL DRUG DELIVERY SYSTEMS FOR PROSTATE CANCER THERAPY: AN UPDATED REVIEW	Neelam Sharma, Sukhbir Singh, Saurabh Shukla, Alpesh Yadav and Sandeep Arora	3323-3335
PLANT SECONDARY METABOLITES AND THEIR USES	Shivi Badyal, Hemender Singh, Arvind Kumar Yadav, Sandeep Sharma and Indu Bhushan	3336-3340
DEVELOPMENT AND VALIDATION OF HPTLC METHOD FOR ESTIMATION OF URSOLIC ACID AND OLEANOLIC ACID IN METHANOLIC EXTRACT OF <i>DRAGEA VOLUBILIS</i>	Amit Sharma and Naresh Gill	3341-3345
GROWTH, YIELD AND NUTRITIONAL STATE OF PEA PLANT AS AFFECTED BY PHOSPHORUS FERTILIZATION AND FULVIC ACID	Heba S. El-Batran, Yasser A. El-Damarawy, Sahar M. Zaghoul and A. A. Yassen	3346-3349
AUGMENTATION OF VASE SOLUTION WITH SILVER NANO-PARTICLES AND ESSENTIAL OILS TO PROLONG THE LIFE OF <i>LILIUM ORIENTALIS</i> L. CV. SANTANDER CUT FLOWERS	Safia, H., El-Hanafy; Amal, A.M., Nasr; Magda, M., Kandil and Mayada, M., El- Sabwah	3350-3360
HYPERSPECTRAL INDICES FOR DISCRIMINATING PLANT DIVERSITY IN WADI AL-AFREET, EGYPT	Eman Gamal, Ghada Khdery, Amal Morsy, Mahmoud Ali, Ahmed Hashim and Hend Saleh	3361-3371
INHIBITORY EFFECT OF ETHANOL EXTRACT OF OCIMUM SANCTUM ON LUNG CANCER CELLS: AKT ACTIVITY, CELL PROLIFERATION, AND VIABILITY STUDIES	Shashank Garg	3372-3377
PHYTOTOXICITY AND EFFECT ON ALLIUM CEPA OF THE PERMEATE OBTAINED AFTER THE PHYSICO-BIOLOGICAL TREATMENT OF CONGO RED BY PHYSICO-BIOLOGICAL TREATMENT	Shilpa Nandi, Sujata Das, Shalini Singh, Reema Verma	3378-3384
BIOTIC ELICITATION: A TOOL FOR PRODUCING BIOACTIVE COMPOUNDS	Nisha Kumari, Biji A. Varghese, Minhaj Ahmed Khan, Surender Jangra, Arvind Kumar	3385-3391
EFFECT OF VARIOUS ENZYMES ON MINERALIZATION OF SOIL ORGANIC MATTER	Thounaojam Thomas Meetei, Yumnam Bijilaxmi Devi and Khaidem Jackson	3392-3395
INVESTIGATION OF FAST PYROLYSIS OF BIOMASS IN AN ABLATIVE SCREW REACTOR TO OBTAIN PYROLYSIS GAS AND BIO-OIL	T.O. Antoshchuk, V.I. Zubenko, V.K. Sharma and D. Buddhi	3396-3399
NUTRITIONAL AND MEDICAL IMPORTANCE OF CITRULLUS COLOCYNTHIS - A REVIEW	Aparajita Bhasin, Dr. Sanjay Singh and Rajesh Garg	3400-3406
ESTIMATION OF BIOCHEMICAL CHANGES IN SUGARCANE DUE TO	Seweta Srivastava, Pavithra G and	3407-3411

TITLE	AUTHOR	PAGE NO.
POKKAH BOENG DISEASE	Meenakshi Rana	
IMPACT OF SEED PRIMING WITH INORGANIC CHEMICALS ON RICE SEEDLINGS (ORYZA SATIVA L.) UNDER SALINE CONDITION	Prathap M., S. Vennila, R. Elangaimannan and P. Karthikeyan	3412-3415
EFFECT OF DIFFERENT CROP ESTABLISHMENT METHODS ON RICE (ORYZA SATIVA L): A REVIEW	M.S.Bhagavathi, G. Baradhan, S.M. Suresh Kumar and S. Arivudainambi	3416-3422
CADMIUM AND LEAD BEHAVIOUR AT THE PLANT-SOIL INTERFACE: IMPLICATIONS IN PHYTOREMEDIATION	Prasann Kumar, Mohit Naik, Tapan Kumar	3423-3429
CADMIUM INDUCED ALTERATION IN LEAF NUMBER, STEM GIRTH AND BRANCH NUMBER OF CHICKPEA	Prasann Kumar, Mohit Naik, Tapan Kumar	3430-3435
This Paper is withdrawn due to Conflict of Interest	This Paper is withdrawn due to Conflict of Interest	3436-3439
EDARAVONE BASED ANTIOXIDANTS FOR CARDIOPROTECTION AND NEUROPROTECTION	Viraj H Mankar	3440-3445
INVESTIGATIONS ON ANTIBACTERIAL ACTIVITIES OF SOME CHROMONE DERIVATIVES AGAINST E. COLI	Priya and Gurpinder Singh	3446-3448
PREPARATION OF CuO-SnO₂ GAS SENSING ELEMENTS	Rajesh Kumar and Jyoti sheoran	3449-3450
LOW GI DIETS: NUTRITIONAL PERSPECTIVES AND HEALTH OUTCOMES	Anita Bains and Yogesh Gat	3451-3457
BIOPROSPECTING ANTIMICROBIAL POTENTIAL OF LIGNIN STREAM OF PADDY STRAW AGAINST FOOD-BORNE PATHOGENS	Punmeet Kaur, Sweety Kaur, Richa Arora	3458-3463
LAND SUITABILITY ASSESSMENT IN AGRICULTURE, USING GIS MODEL BASED ON FUZZY APPROACH: A CASE STUDY FOR COCOA CULTIVATION IN ENREKANG, INDONESIA	J.S Nurfadila, S Baja, R Neswati and D Rukmana	3464-3475
GROWTH PATTERN AND CONDITION FACTOR OF THE WHITE-SPOTTED RABBITFISH, <i>SIGANUS CANALICULATUS</i> (PARK, 1797) IN MARINE COASTAL WATERS OF LUWU, BONE BAY, SOUTH SULAWESI,INDONESIA	Suwarni, Joeharnani Tresnati, Sharifuddin Bin Andy Omar and Ambo Tuwo	3476-3479
ARBUSCULAR MYCORRHIZA FUNGI AND POLYAMINES IN MITIGATION OF RHIZOSPHERE SALTS: WITH SPECIAL REFERENCE TO LEAF PIGMENTATION	Mandala Harshavardhan, Prasann Kumar	3480-3486
BIOCHEMICAL ALTERATION OF MUSTARD GROWN UNDER TIN CONTAMINATED SOIL	Monika Sharma, Prasann Kumar	3487-3492
EVALUATION OF ANTIMONY INDUCED BIOCHEMICAL SHIFT IN MUSTARD	ChitraMani, Prasann Kumar	3493-3498
GLOBAL RESEARCH ON SCABIES: A SCIENTOMETRICS ASSESSMENT OF PUBLICATION OUTPUT DURING 2009–2018	Shiv Singh, Sanjay Kataria, Vijay Mohan Soni, Neha Munjal	3499-3506
RHEOLOGICAL PROPERTIES OF HOMEOPATHIC PREPARATION OF ANIMAL AND PLANT BASED SYNOVAIL MIMIC FLUID WITH MWCNT AND ALUMUNA NANOPARTICLES	Ankit Kotia, Krishna Chowdary and Anamika Kotiya	3507-3511
TRICHODERMA FUNGUS IN MITIGATION OF RHIZOSPHERE ARSENIC: WITH SPECIAL REFERENCE TO BIOCHEMICAL CHANGES	Poonam Kumari, Prasann Kumar	3512-3517
YIELD ATTRIBUTE SHIFT OF MUSTARD GROWN UNDER CADMIUM CONTAMINATED SOIL	Jagdish Chand, Prasann Kumar	3518-3523
EFFECT OF CONSUMING GARLIC AND YANSONE PRECIPITATES ON THE SOME BLOOD FEATURES AND WEIGHT OF LOCAL IRAQI SHEEP	Alyaa Jabbar Hamid and Rasha Ali Judi	3524-3527
IMPACT OF DIFFERENT IRRIGATION METHODS ON THE YIELD, WATER PRODUCTIVITY, QUALITY AND STORAGE LOSSES OF SOME ONION CULTIVARS IN THE NORTH MIDDLE NILE DELTA REGION, EGYPT	Geries, L.S.M., Okasha, E.M. and Moursi E.A.	3528-3538
CYTOXICITY AND ANTIMICROBIAL EFFICIENCY OF SELENIUM NANOPARTICLES BIOSYNTHESIZED BY SPIRULINA PLATENSIS	Heba Abbas, Doha Abou Baker and Entesar Ahmed	3539-3547
EFFECT OF TILLAGE DEPTH DIVISION AND VIBRATION ON SUBSOILER PERFORMANCE	Meselhy A.A.	3548-3567
AMELIORATION PRODUCTIVITY OF POTATO CROP GROWN UNDER HIGH TEMPERATURE CONDITION SPRAYING WITH KAOLIN AND A-TOCOPHEROL	Mahmoud S.H., A.M.M. El-Tanahy and S.M. El-Sawy	3568-3575
DEVELOPMENT OF OLIVES HARVESTING MACHINE FOR SMALLHOLDINGS	Eid N. Abd El Rahman, Mohamed I. Ghonimy, Mohamed M. Ibrahim and Ahmed M. Hassan	3576-3583
APPLICATION OF BANANA COMPOST AS A SOURCE OF POTASSIUM IN COMBINATION WITH FOLIAR SPRAYING WITH POTASSIUM HUMATE ON GROWTH AND PRODUCTIVITY OF RED BEET (BETA VULGARIS L.)	Yassen A.A., Abou El-Nour E.A.A., Abou Seeda M.A. and Sahar M. Zaghloul	3584-3591
TRENDS IN FOODGRAINS PRODUCTION IN INDIA: ANALYSIS OF INDIA VIS-À-VIS NORTH INDIA	Amita Rani and Surender Mor	3592-3599
POLYPHASIC EVALUATION OF CYANOBACTERIAL COMMUNITY OF UNEXPLORED NORTH HILL REGIONS OF CHHATTISGARH, INDIA	Robin Anigo Minj, Kikku Kunui and Satya Shila Singh	3600-3612
EFFECTS OF SOWING DATES AND DIFFERENT MULCHES ON WEIGHT OF WEED AND YIELD IN CUCURBITA PEPO VAR. STYRIACA IN SANANDAJ	Bakhtiar Moradi, Khosro Mohammadi, Abdolrahman Rahimi, Asad Rokhzadi Sayd Farhad Saber Ali	3613-3617
INTEGRATED WEED MANAGEMENT IN WHEAT CROPS BY APPLYING SORGHUM AQUEOUS EXTRACT AND REDUCED HERBICIDE DOSE	Krmanj Y. Naby and Kawa A. Ali	3618-3623
STUDY THE ALLELOPATHIC EFFECT OF RADISH BY INCORPORATE INTO SOIL ON SOME POACEAE SPECIES	Saman A. Rasul and Kawa A. Ali	3624-3627
DETERMINATION OF KARYOLOGICAL STAINING METHOD FOR	Zohreh Jafari	3628-3630

TITLE	AUTHOR	PAGE NO.
URTICA DIOICA ESTIMATION OF HERITABILITY AND GENETIC EFFECTS ON SOME MORPHOLOGICAL TRAITS AND FLINT MAIZE COMBINING ABILITY UNDER MOISTURE STRESS CONDITIONS	Zabihollah Mohammad Alipour and Meysam Rastegari	3631-3639
URMERIC SUPPLEMENTATION IN NONALCOHOLIC FATTY LIVER DISEASE: A RANDOMIZED DOUBLE BLIND CONTROLLED TRIAL	Durdana Husain, Maryam Jarahzadeh, Pezhman Alavinejad, Afshin Rezazadeh and Mohammad Haghighizadeh	3640-3647
QUALITATIVE AND QUANTITATIVE ANALYSES OF FILAMENTOUS FUNGI AND YEASTS AS POTENTIALLY PATHOGENIC SPECIES IN AN INTEGRATED FIXED FILM ACTIVATED SLUDGE (IFAS) SYSTEM	Mansour Fazelipour, Afshin Takdastan and Seyed Mehdi Borghei	3648-3652
A SURVEY ON PREVALENCE OF SALMONELLA ENTERITIDIS ISOLATED FROM ROSS 308 BROILER CHICKENS ON THE BASIS OF SEFA AND SPV GENES DETECTION IN GUILAN PROVINCE, IRAN	Naim Momeni, Khosro Issazadeh, Arash Chaichi Nosrati, Mohammad Faezi Ghasemi	3653-3658
IDENTIFICATION OF DIFFERENTIALLY EXPRESSED GENES BY CDNA- AFLP TECHNIQUE IN RESPONSE TO SALINITY STRESS IN BREAD WHEAT	Shabnam Kamyab, Khalil Alami-Saeid, Mohammadreza Eslahi, Reza Mamghani	3659-3663
THE EFFECT OF SALINITY STRESS ON GERMINATION AND GROWTH CHARACTERISTICS OF HALOXYLON APHYLLUM AND HALOTHAMNUS SUBAPHYLLUS	Mohammad Saghari, Vajiheh Khoshrou, Majid Jami Alahmadi, Hamed Foroughifar	3664-3668
EFFECTS OF FERTILIZER TYPES ON THE QUANTITATIVE AND QUALITATIVE ATTRIBUTES OF MUSKMELON (<i>CUCUMIS MELO</i> L. CV. AHLAM) UNDER DIFFERENT LEVELS OF DROUGHT STRESS	Abdolhamid Zahedyan, Abdolhossein Aboutalebi Jahromi, Abdolrasool Zakerin, Vahid Abdossi and Ali Mohammadi Torkashvand	3669-3677
EXTRACTION OF VARIOUS ALKALOIDS FROM IN VITRO CULTURES AND INTACT PLANTS OF LEUCOJUM AESTIVUM	Masoumeh Abedinimazraeh, Sepideh Kalatehjari and Banafsheh Darvishrohani	3678-3684
CYTOTAXONOMIC STUDY OF SOME SPECIES OF SECTION CYNAROIDES BOISS. OF THE GENUS CENTAUREA L. (ASTERACEAE) IN IRAN	Sorour Shamouni	3685-3695
INVESTIGATING THE USE OF RENEWABLE ENERGY IN IRAN'S VILLAGES TO IMPROVE PUBLIC HEALTH (CASE STUDY OF MEYBOD - YAZD)	Hamed Pourtalebi, Hossein Bakhoda and Morteza Almassi	3696-3700
IRON TRANSPORTATION AND ITS IMPACT ON NITRATE ASSIMILATION IN THE CYANOBACTERIUM ANABAENA SPHAERICA: A PROMISING BIOACCUMULATOR OF IRON	Kikku Kunui, Robin Anigo Minj and Satya Shila Singh	3701-3709
EFFECTIVENESS OF FOLIAR APPLICATION OF DIFFERENT CU- CHELATED FORMS ON GROWTH, YIELD AND NUTRITIONAL STATUS OF WHEAT PLANTS	Yassen A.A., Abou Seeda M.A., Abou El- Nour E.A.A. and El-Sayed A.A.	3710-3716
BIOCHEMICAL CHANGES OF MEDITERRANEAN BARLEY AS AFFECTED BY DROUGHT STRESS	Farid Hellal, Saied El-Sayed, Taha Z.K., S.F. Desouky and Chedly Abdelly	3717-3724
CLONING AND CHARACTERIZATION OF HEAT SHOCK FACTOR (BVHSF) FROM SUGAR BEET (BETA VULGARIS)	Roba M. Ismail, Abo Bakr Youssef, Salah El-Din EL-Assal, Mohamed S. Tawfik and Naglaa A. Abdallah	3725-3733
RELATIONSHIP BETWEEN OXIDATIVE STABILITY AND ANTIOXIDANT PROPERTIES OF GOAT CREAM BISCUITS SUPPLEMENTED WITH NATURAL ANTIOXIDANT	Safaa S. Abozed, Amal E. Abd El-Kader, Samah M.S. El-Shafei and E.M.M. Abdeen	3734-3740
PLANT PROTECTION PRACTICES BY USING BOTANICALS FOR SUSTAINABLE AGRICULTURE	Anjali Dhar	3741-3746
INCOME ANALYSIS OF SERICULTURE FARMERS (IMPORTED CHINESE SEEDS) IN PISING VILLAGE, DONRI-DONRI DISTRICT, SOPPENG REGENCY, INDONESIA	Sadapotto A., Ria Rahayu and Budiaman	3747-3753
EFFICACY ASSESSMENT OF PORTABLE AIR-PURIFIER FOR REGULATING MICROBIAL CONTAMINATION IN TWO KINDERGARTENS	Shailja Kumari, Amandeep Kaur, Daljeet Singh Dhanjal, Amandeep Kaur, Ramesh Kumar Gupta, Kanchan Bhardwaj and Harsh Kumar	3754-3757
ASSESSMENT OF ARKA ACTINO PLUS IN TOMATO IN DHARMAPURI DISTRICT, TAMILNADU, INDIA, THROUGH FARMERS PARTICIPATORY APPROACH	Indhumathi, K, P.S. Shanmugam and M. Sangeetha	3758-3761
ASSESSMENT OF HIGH YIELDING VARIETIES OF DOLICHOS BEAN (LABLAB PURPURIUS VAR. TYPICUS) IN DHARMAPURI, DISTRICT, TAMILNADU, INDIA	Indhumathi, K, P.S. Shanmugam and P. Ayyadurai	3762-3765
ELEMENTS CONTROLLING THE GRAPE GROWERS WITH THEIR ADOPTION LEVEL OF DRIP IRRIGATION TECHNOLOGIES IN INDIA	R. Jayasankar, V. Sneha and R. Muthukumar	3766-3769
SOCIO ECONOMIC IMPACT OF AMLA GROWERS - A CASE STUDY IN DINDIGUL DISTRICT OF TAMIL NADU, INDIA	R. Priyanka and R. Jayasankar	3770-3772
COMPARATIVE STUDIES ON FIFTEEN GENOTYPES OF OKRA (ABELMOSCHUS ESCULENTUS (L.) MOENCH) FOR VEGETATIVE CHARACTERS	Joshi J.L., Anbuselvam Y.A., Sri Ranganayaki S., Ajish Muraleedharan, R.Ebenesar Babu Rajan and C. Praveen Sampath Kumar	3773-3775
SCREENING OF OKRA GENOTYPES FOR YELLOW VEIN MOSAIC VIRUS DISEASE USING ISSR MARKERS	Joshi, J.L., Anbuselvam, Y.A., Sri Ranganayaki, S., Ajish Muraleedharan and C. Praveen Sampath Kumar	3776-3777
INFLUENCE OF SEED PELLETING ON GROWTH AND SEED YIELD PARAMETERS IN BRINJAL (SOLANUM MELONGENA L.)	Kannan. K and S. Padmavathi	3778-3781
EFFECT OF NANO SILVER, SUCROSE AND CITRIC ACID ON EXTENDING THE VASE LIFE OF CUT CARNATION CV. DOMINGO	Kumar, S., H. Srivarshini, K. Sanjeevkumar, AjishMuralidharan, S. Kamalakannan and R. Sudhagar	3782-3784
SEASONAL INFLUENCE ON QUANTITATIVE PROFILING OF PROTEINS	L. Murali Krishnan, A. Varadharajan, R.	3785-3788

TITLE	AUTHOR	PAGE NO.
IN BUFFALO (<i>BUBALUS BUBALIS</i>) OVARIAN FOLLICULAR FLUID	Gnanasekar and K.R. Saravanan	
CONSTRAINTS FACED BY THE PADDY GROWERS IN ADOPTING THE POST HARVEST TECHNOLOGIES	R. Muthukumar, R. Sindhuja and R. Jayasankar	3789-3790
KNOWLEDGE LEVEL OF PADDY GROWERS ABOUT THE POST HARVEST TECHNOLOGIES IN NAGAPATTINAM DISTRICT OF TAMIL NADU, INDIA	R. Muthukumar, R. Sindhuja and R. Jayasankar	3791-3793
BIO-EFFICACY OF AQUEOUS BOTANICAL EXTRACTS WITH PANCHAGAVYA COMBINATION AGAINST SHOOT AND FRUIT BORER, LEUCINODES ORBONALIS (GUENE) IN BRINJAL	Sowmiya, K., Pazhanisamy, M., Archunan, K. and S. Ezhilkumar	3794-3796
COMBINING ABILITY ANALYSIS FOR YIELD AND ITS ATTRIBUTING TRAITS IN BLACKGRAM THROUGH DIALLEL ANALYSIS	S. Abinaya, K. R. Saravanan, T. Sivakumar and L. Murali Krishnan	3797-3800
KNOWLEDGE LEVEL OF TOMATO GROWERS ON RECOMMENDED PRECISION FARMING PRACTICES	Shanmugaraja, P. and Sri Shanmuga Priyan, R.	3801-3804
BIO EFFICACY OF BIO-NEMATON (<i>PAECILOMYCES LILACINUS</i> 1.15%WP) AGAINST ROOT-KNOT NEMATODE (<i>MELOIDOGYNE INCOGNITA</i>) IN CUCUMBER CROP	T. Sivakumar, P. Balabaskar P. Renganathan and K. Sanjeevkumar	3805-3810
TO EVALUATE THE BIO-EFFICACY AND PHYTOTOXICTY OF POWDER FORMULATION OF BIODEWCON (AMPELOMYCES QUISQUALIS 2.00% WP) AGAINST POWDERY MILDEW (SPHAEROTHECA FULIGINEA) IN CUCUMBER CROP	T. Sivakumar, P. Balabaskar, P. Renganathan and K. Sanjeevkumar	3811-3815
STUDIES ON THE ROLE OF PLANT GROWTH PROMOTING RHIZOBACTERIA ON THE GROWTH AND YIELD OF CHILLI (CAPSICUM ANNUM.L.)	J. Sriman Narayanan and S. Madhavan	3816-3818
PREVALENCE OF RICE BROWN SPOT DISEASE INCIDENCE IN NORTHERN DISTRICTS OF TAMILNADU, INDIA AND OBSERVATIONS ON MORPHO PATHOGENIC VARIABILITY AMONG ISOLATES OF BIPOLARIS ORYZAE	S. Sudhasha, P. Balabaskar, K. Sanjeev Kumar and T. Sivakumar	3819-3825
EFFECT OF BIO REGULATORS ON HASTENING THE GROWTH OF MANGO ROOTSTOCK	Venkatesan, S and G. Yuvaraj	3826-3828
ASSESSMENT OF per se PERFORMANCE OF PARENTS AND HYBRIDS FOR YIELD AND ITS COMPONENT TRAITS IN UPLAND COTTON (GOSSYPIUM HIRSUTUM L)	S. Vennila, P. Siva Ranjani, T. Balakrishnan and K.R. Saravanan	3829-3832
A STUDY ON ARRIVALS AND PRICES OF BANANA IN YSR DISTRICT OF ANDHRA PRADESH, INDIA	Mehazabeen A and G. Srinivasan	3833-3835
EXPORT PERFORMANCE OF BANANA IN INDIA – A MARKOV CHAIN ANALYSIS	Mehazabeen A. and G. Srinivasan	3836-3838
GREEN TEA DERIVED SILVER NANOPARTICLES BOOSTED THE ANTIOXIDANT POTENTIAL OF GREEN TEA	Ruchika, Manish Vyas, Amit Sehgal	3839-3843
PATHOPHYSIOLOGY AND DIAGNOSTIC APPROACH OF COVID-19 - AN OVERVIEW	Jyoti Lakhanpal, Najitha Banu, Pranav Kumar Prabhakar	3844-3849
NOVEL METHOD FOR THE PURIFICATION OF WATER USING MOMORDICA CHARANTIA PEEL EXTRACT	Runjhun Tandon, Dipali, Nitin Tandon, Manish Vyas	3850-3853
PLANT EXTRACTS FOR PURIFICATION OF INDUSTRIAL WASTE WATER- A REVIEW	Runjhun Tandon, Dipali, Nitin Tandon Manish Vyas	3854-3873
PERFORMANCE, COST AND MARKET PROSPECTS OF TECHNOLOGIES USED FOR THE PRODUCTION, TRANSFORMATION AND EFFICIENT USE OF BIOMETHANOL	Donatella Barisano, Vinod Kumar Sharma, Giacobbe Braccio, Aman Singh and Dharam Buddhi	3874-3889
OPTIMIZATION OF THE WORKING PLANE FOR DAYLIGHT USE IN WINTERS THROUGH THE SOUTH FAÇADE WITH OVERHANG WIDTH VARIATION IN MID WESTERN INDIA	D. Buddhi, Mahendra Joshi and Aman Singh	3890-3895
GENETIC DIVERSITY IN AFRICAN MARIGOLD (TAGETES ERECTA L.) UNDER VELLORE CONDITIONS	Thirumalmurugan V., K. Manivannan and S. Nanthakumar	3896-3898
INTEGRATED NUTRIENT MANAGEMENT STUDIES ON BIOMASS, DYE YIELD AND QUALITY OF INDIGO (INDIGOFERA TINCTORIA L.)	Dhanasekaran D. and K. Sekar	3899-3901
FRICAN MARIGOLD (<i>TAGETES ERECTA</i> L.) FOR FLOWER YIELD AND XANTHOPHYLL CONTENT UNDER VELLORE CONDITIONS	Thirumalmurugan V., K. Manivannan and S. Nanthakumar	3902-3904
PARTIAL PURIFICATION OF CELLULASE PRODUCED BY AGROBACTERIUM TUMEFACIENS ISOLATED FROM PEACH TREES	Raghad N. Alzaidy and Shimal Y. Abdulhadi	3905-3913
MOLECULAR PREDICTION FOR THE IDENTIFICATION OF TANNINS IN A NUMBER OF GENOTYPES OF (VICIA FABA L.) AND THEIR DI ALLELES CROSSING AND COMPARE RESULTS QUANTITATIVELY	Rafea Z. Mukhlif Al-Sugmiany, Jasim M. Aziz AL-Joburi and Akeel H. Ali Al-Assie	3914-3921
THE IMPACT OF EL NINO AND LA NINA ON SOME CLIMATE ELEMENTS AT SULAYMANIYAH STATION IN THE KURDISTAN REGION OF IRAQ DURING THE PERIOD (2008-2018)	Nakhshan M.R. Palani	3922-3930
A REVIEW : MARIN MAMMALS TUBERCULOSIS CAUSED BY MYCOBACTERIUM PINNIPEDII	Nagham Mohammed Al-Gburi	3931-3934
EFFECT OF POLLUTION OF HEAVY METALS (LEAD, CADMIUM AND MERCURY) ON THE LEVEL OXIDATION OF MALONE DI ALDEHYDE (MDA) IN THE TISSUES CULTURE OF <i>CYPRINUS CARPIO</i> IN CAGES ON THE EUPHRATES	Mukhles Majeed Obaid and Hasan Ali Mutar	3935-3939
THE EFFECT OF SUBSURFACE DRIP IRRIGATION DESIGN ON WATER USING EFFICIENCY AND THE ALFALFA YIELD IN SOUTHERN IRAQ DESERT REGION	Jabbar S. Abdel Hamza and Nameer T. Mahdi	3940-3945
EFFECT OF ADDING ANASTROZOLE AS AN AROMATASE INHIBITOR ON THE PRODUCTIVE AND REPRODUCTIVE TRAITS FOR BROWN LOHMANN ROOSTER	Haider Majid Imran AL-Hisnawi, Saad muhsin Kadhim Al-Jashami and Emad Abdal Jabbar Ali	3946-3951

TITLE	AUTHOR	PAGE NO.
EFFECT OF SPRAYING WITH NANO SEAWEED EXTRACT AND QUALITY OF IRRIGATION WATER ON GROWTH OF VOLKAMER LEMON ROOTSTOCK SAPLINGS	Shawqi Nasser Yousssef Al-Naqeeb and Thamer Khudair Merza	3952-3954
EFFECT OF SOIL FERTILIZATION AND FOLIAR NANO-NPK ON GROWTH OF KEY LEMON CITRUS AURANTIFOLIA ROOTSTOCK SAPLINGS	Darar Ali Hussain Al-Jilihawi and Thamer Khudair Merza	3955-3958
EFFECT OF ADDING OF PROPOLIS AND VITAMIN B12 TO TRIS EXTENDER AND COOLING PERIOD ON THE SEMEN VIABILITY FOR SHAMI BUCKS	Bareq Alwan Abdul-Razzaq Al-Mayyahi and Ali Shihab Ahmed	3959-3964
LABORATORY BASED BIOEFFICACY OF SELECTED BIOPESTICIDES AGAINST THE ADULTS AND NYMPHS OF TWO-SPOTTED SPIDER MITE TETRANYCHUS URTICAE KOCH (ACARI: TETRANYCHIDAE)	Alyaa Abdul-Ridha Hanash, Mohammed J. Hanawi and Bassim S.H. Hamad	3965-3971
SEASONAL OCCURRENCE OF THE MEDITERRANEAN FRUIT FLY, CERATITIS CAPITATA IN SOME ORCHARDS OF CENTRAL AND SOUTHERN REGION OF IRAQ	Samira A. Khlaywi, Ayad A. AL-Taweel, Hussain F. Alrubeai and Ameera Alwan Mezban	3972-3976
ENHANCING THE ABILITY OF THREE DIFFERENT PLANT SEEDS TO GERMINATE UNDER ELEVATED CONCENTRATIONS OF OIL SLUDGE USING THREE DIFFERENT BACTERIAL ISOLATES	Osama Kosay Abdal-Satter, Khalid H. Alobaidi and Kadhim M. Ibrahim	3977-3980
MOLECULAR DIAGNOSIS OF SOME TYPES OF FUSARIUM ISOLATED FROM THE SOIL OF KARBALA GOVERNORATE, IRAQ	Muhsen A. Muhsen, Kazem H. Kazem and Majeed M. Dewan	3981-3987
ELECTROOXIDATION OF METHANOL USING FLUORINE-TIN OXIDE ELECTRODE MODIFIED WITH AU-PT BIMETALLIC NANOPARTICLES DISPERSED IN MONTMORILLONITE CLAY	Muhaned Mohammed Eteya	3988-3994
THE EFFECT OF BIOFERTILIZATION POTASSIUM SPRAY, WATER STRESS AND PROLINE LEAF CONTENT ON SOME CORN ZEA MAYS L. GROWTH CHARACTERISTICS	Mohammed Sallal Al Tememe and Russell Khudair Obaees	3995-4001
TEMPORAL AND SPATIAL CHANGES OF SOME CHEMICAL PROPERTIES OF THE WATERS AT THE NORTHERN PART OF SHATT AL-ARAB, IRAQ	Maha M. Al-Jawad, Dakhil R. Nedawi and Faiq Y. Al-Manssory	4002-4012
ROLE OF IRRIGATION IN WATER NEEDS IN EXPLOITING FARMLANDS IN QARADAGH DISTRICT, IRAQ	Jameel J.M. Ali and Izuldin J.D. Palani	4013-4019
PREPARATION OF SPATIAL DISTRIBUTION MAPS FOR SOME CHEMICAL PROPERTIES OF SOILS IN AL-KIFL REGION IN BABYLON GOVERNORATE USING GEOGRAPHICAL INFORMATION SYSTEMS	Amal Radhi Jubeir and Rand Waleed Madhi	4020-4024
EFFECT OF USING DIFFERENT OVARIES TRANSPORTATION SOLUTIONS IN OVARIAN FOLLICLES AND OOCYTES VIABILITY AND ABNORMALITY IN OVINE	Ali Abd Al-Jabbar Ibrahim, Waleed Sami J. AL-Bachry and Ahmed Younis Saieed	4025-4030
THE EFFECT OF NANO NITROGEN AND BIO-FERTILIZER TYPES ON NPK CONCENTRATION IN SOIL AND OKRA PLANT	Abdul Rahman A.B. Al Jabri, Raheem A.H. Jassim and Abdullah Kareem Jabar	4031-4037
EFFECT OF IBA GROWTH REGULATOR AND NITROGEN FERTILIZATION ON SOME TRAITS OF VEGETATIVE AND FRUIT GROWTH FOR TWO CULTIVARS OF ROSELLE PLANT (HIBISCUS SABDARIFFA L.)	Abd-kreem H. Romi, Rasha Abdul-Nabi Dheyaa and Dheyaa Zaeem Yasir ALfayyadh	4038-4045
DETECTION OF CLODINAFOP PROPARGYL AND TRIBENURON METHYL RESIDUES IN GRDARASHA AND MAMA JALKA SOILS AT ERBIL PROVINCE, IRAQ	Ismail A. Said and Dara M.A. Jaff	4046-4050
EFFECTS IN OVO INJECTION OF L-CARNITINE ON HATCHABILITY, PRODUCTIVE AND PHYSIOLOGICAL TRAITS OF JAPANESE QUAIL (COTURNIX JAPONICA)	Tariq Kh. AL-Jomaily and Ahmed T. Taha	4051-4055
AN ECONOMIC ANALYSIS TO ESTIMATE FUNCTION OF INDIVIDUAL DEMAND FOR FISH IN IRAQ FOR THE PERIOD (1985- 2017)	Sarmad Ali Hussein	4056-4061
REVIEW ARTICLE : MODERN AGRICULTURE PRACTICES: MICROWAVE SOLUTION	Vimlesh Singh, Priyanka Bansal, Sunita Verma, Sarthak Singhal and P.K Singhal	4062-4065
ANTIMICROBIAL EFFECT OF GRAPE SEED OIL, OLIVE OIL, AND SESAME OIL ON FOOD POISONING BACTERIA ISOLATED FROM RAW MEAT	Aseel, M.H. Abed AL-Rhada	4066-4068
RESPONSE YIELD OF FOUR CULTIVAR KOHLRABI (BRASSICA OLERACEA VAR. CAULORAPA L.) TO PLANT DENSITY AND FOLIAR NUTRITION OF SEAWEED	Aziz Mahdi Abd, Hassan H. Alalawy and Ayad Ahmed Hathal	4069-4076
DECIPHERED ENTITY OF EXTENDED SPECTRUM BETA LACTAMASE RESISTANT STAPHYLOCOCCUS AUREUS (ESBL) FROM COWS MASTITIS RAW MILK ECOSYSTEM IN BAGHDAD IRAQ	Jinan Sahib Abdulnabi Al-Naseri and Ali Hassan Ahmed Al-Shammary	4077-4088
REVIEW ARTICLE: OXIDATIVE STRESS: THE ROLE OF REACTIVE OXYGEN SPECIES (ROS) AND ANTIOXIDANTS IN HUMAN DISEASES	Omar Mohammed Ahmed and Mustafa Taha Mohammed	4089-4095
FEEDING PREFERENCE OF TERMITE FOR DIFFERENT WOODEN BLOCKS UNDER ARTIFICIAL AND NATURAL FORESTS CONDITIONS	Shaheen Abbas Mustafa, Zeynel Arslangundogdu and Erdem Hizal	4096-4104
REMOVAL OF SOME HEAVY METAL FROM AQUEOUS SOLUTIONS BY LACTIC ACID BACTERIA (WHOLE BACTERIA AND BIOFILM)	Srbeel Khalid Saheh and Asmaa Sabah Ahmaed	4105-4108
PERFORMANCE EVALUATION AND ANALYSIS STRESS (THEORETICAL AND PRACTICAL) OF AUXILIARY PARTS (COULTER KNIVES) LOCALLY MANUFACTURED FOR MOLDBOARD PLOW DURING TILLAGE	Ammar Wael Saleh, Adil Ahmed Abdullah and Hussain Th. Tahir	4109-4118
SURVEY OF THE INSECT PESTS FROM SOME ORCHARDS IN THE MIDDLE OF IRAQ	Hanaa H. Al-Saffar and Razzaq Shalan Augul	4119-4125
FACTORS AFFECTING PROLIFICACY AND FERTILITY TRAITS FOR LOCAL AWASSI SHEEP AND IRANIAN KARAKUL AND THEIR CROSSES	Murtada Abbas Hamad Al-Sharify and Hafed Mossa Ali Altaei	4126-4130
GENETIC ANALYSIS OF F_1 DIALLEL CROSS IN WHEAT (TRITICUM AESTIVUM L.)	Omar A. Ahmed Al-Timimi, Jasim M. Aziz Al-Jubori and A.A.A. EL-Hosary	4131-4137

TITLE	AUTHOR	PAGE NO.
IMPACT OF POTASSIUM HUMIC ACID ON GROWTH AND YIELD COMPONENTS OF SOME BREAD WHEAT (TRITICUM AESTIVUM L.) GENOTYPES	Omar A. Ahmed Al-Timimi, Layth Khudhair Hassan ¹ and Iman Sahib Salman	4138-4141
THE POSSIBLE PROTECTIVE EFFECTS OF GUM ARABIC IN KIDNEY INJURY INDUCED BY ADENINE	Athraa Shakir Dakhil and Layla Alhasan	4142-4149
REVIEW ARTICLE : OXIDATIVE STRESS : IMPLICATIONS ON SKIN DISEASES	Dhamiaa Fahad and Mustafa Taha Mohammed	4150-4157
TRADITIONAL STUDY AND SEROPREVALENCE OF <i>THEILERIA</i> SPP. IN CAMELS IN MIDDLE OF IRAQ (WASIT, AL-QADISIYAH AND AL-NAJAF ALASHRAF)	Haider Hadi Alsaadi and Azhar Ali Faraj	4158-4161
ENHANCED OIL SLUDGE BIODEGRADATION BY BACTERIAL STRAINS ISOLATED FROM CONTAMINATED SOIL NEARBY POWER STATIONS IN IRAQ	Osama Kosay Abdal-Satter, Kadhim M. Ibrahim and Khalid H. Alobaidi	4162-4170
SERUM LEVELS OF INTERLEUKIN-28B IN IRAQI PATIENTS WITH HEPATITIS C VIRUS INFECTION	Sahib A. Hussein and Raghad H. Al-Azzawi	4171-4173
EFFECT OF APPLICATION DIFFERENT LEVELS OF AZOLLA (AZOLLA FILICOIDES LAM.) IN SOME SOIL PHYSICAL PROPERTIES AND BARLEY (HORDEUM VULGARE L.) GROWTH INDICATORS.	Rabab Mutashar Naima Al-Hamdawi and Nuhad Shaker Sultan Al-Wally	4174-4182
GROWTH REGULATOR EFFECTS ON THE DEVELOPMENT AND YIELD OF ANTHURIUM ANDREANUM PLANTS CV. TROPICAL	Ajish Muraleedharan, K. Sha, G. Samlind Sujin, P.K. Karthikeyan, C. Praveen Sampath Kumar, J.L. Joshi and A.J. Nainu	4183-4186
ADAPTATION STRATEGIES FOLLOWED BY THE FARMERS OF NAGALAND STATE TO OVERCOME THE ADVERSE EFFECTS OF CLIMATE CHANGE IN AGRICULTURE IN NAGALAND, INDIA	Sesenlo Kath and K. Kanagasabapathi	4187-4189
GENETIC DIVERSITY, POPULATION STRUCTURE AND ASSOCIATION MAPPING OF MORPHOLOGICAL TRAITS IN SOME EGYPTIAN BREAD WHEAT LANDRACES UNDER HEAT STRESS	Amina A. Mohamed, Arab. S.A., M.H. El Shal and K.H. Radwan	4190-4201
MARKOV CHAIN ANALYSIS ON THE EXPORT PROSPECTS OF COCONUT IN INDIA	C. Prabakar	4202-4204
RAINFALL ANALYSIS OF DIFFERENT DISTRICTS AND TEHSIL OF CHHATTISGARH STATE	Sakha Ram Shori and H.V. Puranik	4205-4209
A REVIEW OF ANTITUBERCULOSIS DRUGS EMPHASISING ON PHYTOTHERAPEUTIC ASPECT	Javid Ahmad Malik, Komal Singh Suman and Monika Bhadauria	4210-4216
EVALUATION OF BIORATIONALS AGAINST THRIPS, SCIRTOTHRIPS DORSALIS (THRIPIDAE: THYSANOPTERA) INFESTING CAPSICUM	Sharanappa, C.H. Pramod Katti, Arunkumar, H. Sushila, N.B.K. Desai and Pampanna,Y.	4217-4220
EVALUATION OF ANTIASTHMATIC ACTIVITY OF <i>TINOSPORA CORDIFOLIA</i> ROOT EXTRACT AGAINST ACH AND CITRIC ACID INDUCED ASTHMATIC RATS	Syed Safiullah Ghori, Ishrath Fathima, Mohammed Shamim Qureshi and Fouzia Tehseen	4221-4223
EVALUATION OF ANTICONVULSANT ACTIVITY OF L-DEPRENYL IN ALBINO WISTAR RATS	Syed Safiullah Ghori, Fouzia Tehseen, Qurrath Ul Ain Sana and Syed Mustafa Fawal	4224-4226
FICUS DALHOUSIAE MIQ.: A RARE PLANT SPECIES OF MEDICINAL IMPORTANCE	Syed Safiullah Ghori, Asma Khanam, Mohammed Safwan Ali Khan and Mohammed Arifuddin	4227-4231
ROLE OF GUT MICROFLORA IN TOXICITY OF BACILLUS THURINGIENSIS SUBSPECIES GALLERIAE TO THE LARVAE OF SPODOPTERA LITURA (NOCTUIDAE: LEPIDOPTERA)	Yalashetti Sanjay, Rudrappa Onkarappa and Yandigeri Mahesh	4232-4235
ANTIOXIDANT ACTIVITY OF PATHYASHADANGAM KASHAYAM: A CLASSICAL AYURVEDIC FORMULATION AND ITS INGREDIENTS	Aji Abraham, Lizzy Mathew and Sarala Samuel	4236-4241
ENHANCEMENT OF THE NUTRIENTS EFFICIENCY AND PRODUCTIVITY OF TOMATO (<i>LYCOPERSICUM ESCULENTUM MILL.</i>) PLANTS BY USING NANO SILVER	Mahmoud M. Abbas	4242-4244
PEPTIDE PROFILE OF BUFFALO OVARIAN FOLLICULAR FLUID STUDIES ON GENETIC DIVERSITY IN RICE (ORYZA SATIVA L.)	L. Murali Krishnan K.R. Saravanan, M. Venkaesan, S. Venilla	4245-4250
UNDER SALINE ECOSYSTEM STUDIES ON CORRELATION AMONG YIELD AND YIELD ATTRIBUTING	and S. Suganthi Karthikeyan, P, V. Anbanandan, R. Elangaimannan, M. Venkatesan and P.	4251-4253 4254-4258
CHARACTERS IN RICE (ORYZA SATIVA L.) EFFECT OF ABIOTIC FACTORS ON THE GROWTH OF	Satheesh Kumar Kumaresan G., K. Sivakumar and Rajan L	
SPIRULINA PLATENSIS STRAINS IMPROVING PHOSPHORUS USE THROUGH CO-INOCULATION OF AM ELIBORITATION OF AM IMPROVING PHOSPHORUS USE THROUGH CO-INOCULATION OF AM IMPROVING PHOSPH	Fradlin Singh Sivakumar K, G. Kumaresan and N.	4259-4263
FUNGIAND PHOSPHATE SOLUBILIZING BACTERIA IN TOMATO (SOLANUM LYCOPERSICUM L.)	Sugapriya	4264-4267
STUDIES ON THE GROWTH AND YIELD OF TOMATO (SOLANUM LYCOPERSICUM L.) BASED ON BIOINOCULANTS AND INORGANIC FERTILIZERS	B. Suriya Sabarinath, C. Malarvizhi and K. Sivakumar	4268-4270
EFFECT OF BIO REGULATORS ON HASTENING THE GROWTH AND DEVELOPMENT OF MANGO ROOTSTOCK	Venkatesan S and G. Yuvaraj	4271-4274
THE INFLUENCE OF SALTS STRESS ON PLANT : A REVIEW	Samar Jasim Mohammed, Muthik Abd Muslim Guda and Israa Ibrahim Lazim	4275-4279
A STUDY OF ECONOMICS OF MILK PRODUCTION IN FIROZABAD DISTRICT OF WESTERN UTTAR PRADESH, INDIA	Kulshrestha R.K., Sharma V.K. and Sharma Amod	4280-4283
STATUS OF FARM BUSINESS ANALYSIS OF KISAN CREDIT CARD IN DIMAPUR DISTRICT OF NAGALAND, INDIA	Promela Bhattacharjee and Amod Sharma	4284-4288

TITLE	AUTHOR	PAGE NO.
EXTRACTION AND COMPARATIVE STUDY ON PHYSICO-CHEMICAL, PHYTOCHEMICAL ANALYSIS OF FRUITS OF TERMINALIA CHEBULA AND RHIZOMES OF CURCUMA LONGA	S. Asati, V. Chandel, and A. Choubey	4289-4294
EVALUATION OF <i>IN VITRO</i> ANTIUROLITHIATIC ACTIVITY OF <i>THUNBERGIA ERECTA</i>	V. Chandel, A. Choubey and S.Asati	4295-4299
CHEMO PROFILING OF METHANOLIC EXTRACT OF PHYLLANTHUS EMBLICA LINN FROM FIVE DIFFERENT LOCALITIES OF VINDHYA REGION IN INDIA	Shashi Kumar D., Deepak M., Azaz K. ² and Megha J.	4300-4307
PHARMACOLOGICAL EVALUATION OF ANTIASTHMATIC ACTIVITY OF FUMARIA OFFICINALIS EXTRACTS	R. Dutta, M. K. Sharma, and M. Jha	4308-4315
FABRICATION OF GELATIN FUNCTIONALIZED CARBON NANOTUBES SYSTEM FOR THE SITE-SPECIFIC DELIVERY OF CURCUMIN TOWARDS BREAST CANCER CELL	J. Tiwari, A. Garg, and A. P. Jain	4316-4325
REVIEW ARTICLE: GREEN SYNTHESIZED SILVER NANOPARTICLES AND THEIR POTENTIAL FOR ANTIBACTERIAL APPLICATIONS	S. Pharande, S. Baokar, A. Bhujbal, K. Mane, G. Patil, R. Patil, G. parkhe and V. Gupta	4326-4336
QUANTITATIVE ESTIMATION OF MARKER COMPOUND (LUPEOL AND DIOSGENIN) IN POLYHERBAL FORMULATION BY HPTLC METHOD	Naveen K. Choudhary, Karan Gupta, Amit K. Jain and Arti Pal	4337-4342
METHOD DEVELOPMENT AND VALIDATION FOR ESTIMATION OF QUERCETIN USING UV AND RP-HPLC IN BULK AND FORMULATION	M. K. Patel, S. K. Shah, C. K. Tyagi and Md. Rageeb Md. Usman	4343-4347
FORMULATION AND EVALUATION OF NANOMIEMGEL OF SAMADERA INDICA	S. Jaiswal and R. A. Gupta	4348-4351
REVIEW ARTICLE: A HERBAL APPROACH AND MOLECULAR MECHANISMS OF PATHOGENESIS ASSOCIATED WITH CARDIOVASCULAR DISEASE IN SARS-COV-2 INFECTION	A. Kumar and P. K. Bhoyar	4352-4357
PHYTOCHEMICAL INVESTIGATION AND IN-VITRO ANTIOXIDANT ACTIVITY OF BUTEA MONOSPERMA LEAVES	K. Kapse and S. Goyal	4358-4365
CHEMICAL CONSTITUENTS FROM DIFFERENT EXTRACTS OF LEAVES OF JASMINUM SAMBAC FOR THEIR ANTIOXIDANT ACTIVITY	K. Kapse and S. Goyal	4366-4373
DIVERSITY AND CYTOTOXIC ACTIVITY OF FUNGAL ENDOPHYTES OF AN ENDANGERED PLANT MAPPIA FOETIDA	Pooja. R, Y.L. Ramachandra, Chandrappa. C. P, Kumara Hegde. B. A.,G. Nagaraju and Mona	4374-4381
GCMS ANALYSIS OF A PATHOGENIC <i>DRECHSLERA SETARIAE</i> OF THE CAUSAL PATHOGEN IN LEAF SPOT/ LEAF BLIGHT OF BROWN TOP MILLET	Manjula. T, M. Krishnappa and Pooja. R	4382-4390