



المؤتمر الزراعي الدولي الرابع

10 - 11 كانون الثاني 2023

برنامج المؤتمر



المؤتمر الزراعي الدولي الرابع
4th International Agricultural Conference

جهة النشر



الجهات الداعمة



برنامج المؤتمر الزراعي الدولي الرابع

الإفتتاحية

الثلاثاء 10/كانون الثاني/2023

المكان	الفعالية	التوقيت
مسرح الجامعة 	التسجيل بالمشاركة بوقائع المؤتمر	9:30-9:00
	افتتاح المؤتمر بالنشيد الوطني	10:30 – 9:30
	تلاوة آيات من الذكر الحكيم	
	كلمة رئاسة جامعة الموصل	
	كلمة رئاسة المؤتمر	
	كلمة الجهة الداعمة للمؤتمر	
	عرض تقديمي عن كلية الزراعة والغابات/ جامعة الموصل	
	نشاط فلكلوري / كلية الفنون الجميلة	
تكريم المبدعين والفائزين بجائزة أفضل بحث لكل محور		

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مسرح الجامعة	11:00 – 10:30	رئيس الجلسة: أ.د. صائب يونس عبدالرحمن مقرر الجلسة: أ.د. علي فاروق قاسم الإدارة الإلكترونية: د. منتصر خيري خسرو
جهة الانتساب	عنوان البحث	اسم الباحث
William Smith University. RI. USA.	Impact of Global warming on Iraq food security.	Dr. Walid Sabry Nosir, Associate Professor,
Agricultural and Biological Research Institute. National Research Centre. Egypt	Applied of Climate Smart Agriculture Approach to active Sustainability of Agriculture in Arab Countries	Prof. Dr. Zakaria Fouad Fawzy
School of Integrative Plant Science, Cornell University, USA.	Overview of the Dynamic Controlled Atmosphere Storage of Fruit	Dr. Yosef Shahi Al Shoffe Senior Researcher

أنشطة على هامش المؤتمر

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مسرح الجامعة	استراحة شاي	1:00-12:30
المركز الثقافي	وجبة الغداء	2:30-1:00

اعداد البحوث المشاركة في المؤتمر وفق الجلسات والمحاور والقاعات


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قاعة 3	1	21	Extension technologies and agricultural economy
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<p>Topic 1-1: Plant production environment</p>		
 <p>← Click Here Or Scan It</p>	<p>رئيس الجلسة: أ.د.نمير نجيب فاضل مقرر الجلسة: أ.د. أسماء محمد عادل الإدارة الإلكترونية: م.م. احمد عبد الرحيم رابط المشاركة الإلكترونية: ZOOM Meeting ID: 841 3189 8881</p>	
ID	Paper Title	Names of Authors
4	Effect of Covering type and NPK Fertilizer Types in Vegetative and Flowering Characterizes of <i>Rosa damascena</i> Mill. Under protected Greenhouses Conditions	Abdulkhaliq Asaad Al-Zebary, Montaser Khairie Khessro and Ali F. Qasim
10	Impact of Immersion in Chitosan on the Storage Capacity of Two Cultivars Orange Fruits <i>Citrus sinensis</i> L.	Sabreen Mohammed Lateef, Mustafa Rasheed Majeed Alqaisi and Adib Jassim Abbas
26	Genotypic Response of Mung Bean (<i>Vigna radiata</i> L.) to Seed Inoculation, P and K Fertilization under Giza Ecological Conditions, Egypt	A. A. Kandil, M. A. Badawi, S.E. Seadh and KH. R. Ahmed
76	Effects of Applying Nano-NPK Fertilizer in the Components of some Vitale and Nutrients for Two Grape Cultivars (<i>Vitis vinifera</i> L.)	Nabil Mohammed Ameen Alimam and Sarah Ahmed Mokem Hasan
88	Effect of Organic Fertilizer and Foliar Application of Kinetin, Boron on Some Fruit Characteristics of Fig cv. White Adriatic	Abbas Mahmood Abdullah and Mahmood. F. L. Al-Douri
91	Effect of Humic Acid and the Level of Nano and Traditional Nitrogen on the Growth and Yield of Potato	Ahmad S. H. Al-Hayani and Mohammed Obed Sallume
102	Variability and Expectant Genetic Advance for Yield and its Components in Radish (<i>Raphanus sativus</i> L.)	Shamil Younis Hassan Al-Hamadany, Amer Abdullah Hussein Al-Jubouri and Wiam Yahya Rasheed Al-Shakarchy
103	The Effect of Using some Plant Extracts to Control Date Moth (<i>Barachedramydraula Meyrick</i>) on Date Palm	Wasen Fawzi Fadel Alpresem and Mohammed Abdulameer Hasan Alnajjar
118	Influence of Cultivars and Potassium Sulfate Spraying on Vegetative and Productivity Traits of <i>Vicia faba</i> L.	Hussein M. Al-Bayati, Fathel F. R. Ibraheem, Waleed B. A. M. Allela, Ali F. Qasim, Angham Talal M. Al-Chalabi, Eelaf Taha Al-Dur, Mohanad A. Almustafa, Mahmood N. Alirhaiym, Montaser K. Khessro, Ahmed Khairuldeen Abdulsalam, Firas K. Al-Juboori, Zohoor F. Abdaljabar, Nagham S. Salim and Muhannad Abdel Hamid Ahmed

ID	Paper Title	Names of Authors
121	Response of Two Potato Cultivars <i>Solanum tuberosum</i> L. to Spraying with Different Types of Fertilizers	Fathel F. R. Ibraheem, Hussien M. Al-Bayati, Waleed B. A. Allela, Firas K. Al-Juboori, Angham Talal M. Al-Chalabi, Eelaf T. Al-Dur, Mohanad A. Almustafa, Mahmood N. Alirhaiym, Montaser K. Khessro, Ahmed Khairuldeen Abd Ulsalam, Ali F. Qasim Zohoor F. Abdaljabar and Nagham S. Salim
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159	Effect of some Nano Elements on Growth and Yield of Cucumber Plants under Greenhouse Conditions	H. A. A. Mahdy, Z. F. Fawzy, Huda A. Ibrahim and Y. R. Abdel-Baky
167	Evaluating the Effect of β -Aminobutyric Acid in Alleviating Salinity Stress on Germination and Seedling Growth of Tomato (<i>Solanum lycopersicum</i> L.)	Ghadeer Alsulami, Hameed Alsamadany, Yahya Alzahrani and Abeer M. Kutby
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176	The Effect of Gibberellic Acid and Calcium Compound on Quality of the Cut Flowers of the <i>Chrysanthemum morifolium</i> Plant	Saja S. I. Allawii, Asmaa M. Adil, Abdullah M. S. Al-Dabbagh and Ammar O. Al-Atrakchii
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14	Effect Bio-Fertilizer and Spraying with Boron on the Vegetative Growth of some Green Bean Cultivars in the Spring Season	Othman Khalid Alwan, Abbas Fadel Ali and Yasmine Abdel Karim Najm

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19	Study of some Vegetative and Chemical Indicators and Yield in Cucurbita pepo L. by the Effect of Spraying with Takimin Brix and Amino Acids	Hisham Aziz Amran, Manar Abd Falhe and Ahmed Shaker Al-Duhami
25	The Effect of the Combination of Organic Fertilizer and Spraying with Silicon and Calcium on the Growth and Production of Three Cultivars of Beet	Rawaa Galeb Mageed and Wafaa Ali Hussin
32	Effect of Spraying with Zinc and Ascorbic Acid on Concentration of Macroelements and Total Yield of Maize (Zea mays L.) Affected by Heat Shock	Aiyemen A. A. Al-Abassi, Nagham S. Abraham and Hussein A. Mohammed
39	Effect of Nitrogen, Phosphorus and Fermented Poultry Waste on Pigments Balance and Lettuce Plant Growth	J. A. Shamsullah, B. A. Hamid and W. F. Hassan
43	Impact of Humic Acid and some Pre and Post-Harvest Treatments in Improving Storage Behaviour of Hot Pepper Fruits (Capsicum annuum L.) Hybrid Barbarian F1	Laila Turki Fadala, Dhia Ahmed Taain and Fatima Ali Hassan
44	Response Growth and Yield Snake Cucumber under Plastic Houses Unheated Conditions to NPK Fertilizer Split Nano-Boron Spraying	Ali Razzak Jasim Mohammed Hraen and Aqeel Kareem Hasan Al-Tufaili
61	Response of the Moringa (Moringa Oleifera L.) Plant's Medicinal Constituents to Glutathione and Biofertilizer Spraying under Water Stress	Raad Abbas Khalaf and Kadum Mohammed Abdullah
66	Assessment of Genetic Stability in Two Cultivars of Callus Regenerated Potato Plantlets (Solanum tuberosum L.) Utilizing the Inter Simple Sequence Repeats (ISSR) Technique	Ali Annon
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77	Effect of Soil Mulching and Organic Fertilizer on Vegetative Growth Characteristics of Two Lettuce Varieties Grow under Unheated Plastic House Condition (Lactuca sativa L.)	A. M. A. Al-Ramadan and W. B. M. Al-Leela
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101	Impact of Pruning Severity, Chicken Manure, and Foliar Application of Kare Combi on Productivity and Quality of Zaitouni Grape Cultivar (<i>Vitis vinifera</i> L.)	Sh. M. M. Al-Atrushy and R. M. Ibrahim
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108	Effect of Foliar Fertilization with Humic Acid and Garlic Extract on Growth and Yield of Broccoli and its Content of some Secondary Metabolites	Baydaa Rasheed Hilo, Bayader Abd Aljabbar Ali and Haneen Mohammed Jasim
111	Determination of Enzyme Activity and Vitamin Content of Moringa Oleifera Lam. in Response to Glutathione and Biofertilizer under Water Stress	Raad Abbas Khalaf, Kadum Mohammed Abdullah, Ali Ahmed Hussein Almyali and Asaad Abbas Khalaf
116	Biochar Application Increases the Amount of Nitrogen, Phosphorus and Potassium in the Soil: a Review	Ahmed J. Hussain, Duraid K. A. Al-Taey and Haider J. Kadhum
125	The Allelopathic Effect of Root Exudates of Mungbean and Maize Plants Affected by Metabolic, Fertilizer and Mechanical Stress Factors on some Indicators of Germination of Cowpea Seeds	Abdullah Oda Alwan Al-Deliamy and Maha Ali Abdul-Ameer
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Topic 1-2: Crop Production and protection



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رئيس الجلسة: أ.د. عبدالستار اسمير جاسم الرجوب
مقرر الجلسة: أ.د. سهيل كوكب الجميل
الإدارة الإلكترونية: م.م. عمار راند
رابط المشاركة الإلكترونية: ZOOM Meeting ID: 868 2202 4191


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5	The Response of Three Cultivars of Sorghum Bicolor to Spraying with Gibberellins	Ahmed Hasan Fadhil and Mohammed Hassein Hamzay
7	Genetic Path Coefficient Analysis of Genotypes of Rice (<i>Oryza sativa</i> L.) Grown in Iraqi Conditions	Mustafa Eskander Zaid Al-Wardi, Saddam Hussein Abbas and Abdul-Kadhim Jawad Musa
13	Effect of Weed Control Treatments and Row Spacing on the Yield and its Components of Faba Bean and Companion Weeds	Azhar J. Jihad and Yas A. Mohammed

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17	The Effect of Planting Dates and Plant Density on the Growth and Productivity of Safflower	Mohammad A. S. Jubeir and Omar I. M. Al-Dulaimi
28	Genetic Parameters of some Traits of Maize by the Effect of Plant Density	Hadel Sabar Hamad, Zeyad A. Abdulhamed and Ahmed Shehab Abd-Allah Ramadan
31	Effect of Bentazon and Row Spacing on the Growth of Faba Bean and Companion Weeds	Azhar J. Jihad and Yas A. Mohammed
34	Impact Foliar Spraying of NPK Nano Fertilizer on Yield Traits of Two Varieties of Bread Wheat (<i>Triticum aestivum</i> L.)	Yahya Fawzi Yahya Alqasim and Salim Abdulla Younis Al- Ghazal
95	Effect of Planting Spaces and Basgran Herbicide on Growth and Yield of <i>Pisum sativum</i> L. and Weeds Accompanying It	A. I. Thanon, Z. M. Hussain and S. H. Antar
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3	Estimation of Selection Indexes and some Genetic Parameters in the Genotypes of the Rice Crop <i>Oryza sativa</i> L.	Mustafa Eskander Zaid Al-Wardi, Saddam Hussein Abbas and Abdul-Kadhim Jawad Musa
6	Effect of Different Levels of Nano-Fertilizer on Growth and Yield of Rice Genotypes	Sarah Nasser Anoun, Saddam Hussein Abbas and Abdulkadhim Jawad Musa
35	Effect of Spraying with Zinc and Ascorbic Acid on some Yield Attributes of Maize Plant (<i>Zea mays</i> L.) Affected by Heat Shock	Aiyemen A. A. Al-Abassi, Nagham S. Abraham and Hussein A. Mohammed
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58	Effect of Phosphorous and Biochar Levels on Phosphorous Concentration in Plants and some Growth Characteristics and Yield of Wheat (<i>Triticum aestivum</i> L.)	Raheem Alwan Halul and Marwa Haider Hassan
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100	Genetic Variability and Estimate some Genetic Parameters of Zea mays L.	Wiam Yahya Rasheed Al-Shakarchy, Mohammed Subhi Al-Taweel, Shamil Younis Hassan Al-Hamadany and Khalid Mohammed Dawod Al-Zubaidy
110	Genetic Stability for New Genotypes of Maize (Zea mays L.) under Different Fertilizer Combinations	Dhufur Abdel-Razzaq Farhan Al-Najmawi, Mohammad Subhi Al-Taweel, Zaid Alhabbar, Khalid Mohammed Dawod Al-Zubaidy and Hussein Abbas Muhammad Issa
135	Response of Safflower Plant to Planting Dates and Densities and Their Effect on Growth and Yield	Mohammed A. S. Jubier and Omar I. M. Al-Dulaimi
156	Effect of Seeding Rate on Growth and Yield of Two Flaxseed Varieties (Linum usitatissimum L.)	Rayan F. Ahmed, Abdullah K. Mohammad, Khaleel I. K. Al kikani and Mohammed A. Haji
157	Measuring the Traits of Yield and its Components for Two Cultivars of Bread Wheat (Triticum aestivum L.) According to Four Patterns of Field Inspection at High Rainfall Area and Supplementary Irrigation Area in Nineveh Province	Alrijabo Abdulsattar A., Ayman Taher Al-Hubaity, Salim Hammadi Antar and Islam Abdulsattar Asmair
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213	Evaluation of Yield and its Components of Durum Wheat (Triticum durum Desf.) Cultivars Grown Under Rain-Fed and Supplementary Irrigation Locations in Nineveh Province	Al-Ajrawy Y. H. Abdulrahman, Abdulsattar A. Alrijabo, Salim Hammadi Antar
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Topic 2: Sustainability of Food and Animal Resources				
		Click Here Or Scan It		رئيس الجلسة: أ.د. مازن محمد ابراهيم مقرر الجلسة: أ.د. مثنى محمد طيب الإدارة الالكترونية: السيد عدي عبدالهادي عداي رابط المشاركة الالكترونية: ZOOM Meeting ID: 889 6918 0164
محاضرة للجهة الداعمة: البدائل العلفية في ظروف الجفاف (الصبار الاملس) - السيد بهاء وعد دحام				
محاضرة للجهة الداعمة: تعزيز الجدوى الاقتصادية لإنتاج بيض المائدة من خلال سلالة دجاج وادي الرافدين - السيد عمر فارس				
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57	Replacing Milk Fat with Olive and Sesame Oil Enhanced with the Flavour of Milk Fat and Using it in the Manufacture of Yoghurt	Sumyia Khalaf Badawi and Raja Abdul Aziz Abdul Razzaq		
60	Effect of Flour Type and its Extraction Rate on Physiochemical, Rheological and Sensory Properties in Making Local Flat Bread	Abdullah M. Thannoun and Roqaya Fouad Lafy Al-Arajy		
85	The Effect of Adding Licorice Extract and Sodium Bicarbonate to Drinking Water on the Productive Performance of Broilers Raised under Elevated Temperatures	Faiyz Sami Al-Khateeb and Khaled Hadi Al-Sufi		
90	Effect of Adding Selenium Vitamin E to Feed Containing Acetic Acid on Milk Production and its Fat Content in Awassi Ewes	H. W. Kasim, M. N. Abdullah, I. H. Hamad and O. D. Almallah		
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114	Effect of Chitosan as a Packaging Material on the Chemical Properties of Local Walnut Pulp	Muhammad A. Al-Majed and Mazin Muhammed I. Al-Zubaidy		
115	Effect of Ration Type During 2- 6 Weeks of Age on Broiler Performance and Carcass Characteristics	Rafea M. Khulel and Mohammed S. Salem		
134	Ecological and Microbiological Quality of some Soft Drinks and Juices in the Iraqi Markets	Wameedh A. K. Al-Yasari, Hala F. A. Al-Jawahery and Bassam M. Al-Yaseen		
137	Effect of Feeding Soybean and Sesame Seed Meal on Semen and Blood Plasma Traits in Awassi Rams	Safwan L. Shihab, Omar D. Mohammed and Falah H. Ahmed		
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229	Effect of Adding Curcuma Longa L Powder on the Biochemical Characteristics and Growth of New-borns in Awassi ewe	Ahmed Abdulmohsen Al-Khafaf, Mohammed Najem Abdullah and Elham Abdulhmed El-Rawi
209	Effect of Partial Substitution of Soybean Meal by Sesame Seed Meal Treated by Adding Enzymes and Autoclave on Growth Criteria of Common Carp Cyprinus carpio L.	Saif Saadaldeen Saadi Al-Sufachi and Mahmoud A. Mohammad

 قاعة 2	الجلسة المسائية 6:30-3:30	اليوم الاول الثلاثاء 10/كانون الثاني/2023
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Agricultural Machinery Technology and Agricultural Sustainability in Soil and Water



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مقرر الجلسة: د. عمار يونس كشمولة
الادارة الالكترونية: السيد محمد رياض
رابط المشاركة الالكترونية: ZOOM Meeting ID: 873 9485 7955

محاضرة للجهة الداعمة: استخدام منظومات الطاقة الشمسية في الري لتعزيز الجدوى الاقتصادية للمشاريع الزراعية (الانسنة وسن وعد)

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22	The Effect of Dry Farming and Water Stress under Subsurface Drip Irrigation System on Water and Rice Productivity	Alaa S. Ati, Tareq K. Masood and Abdulrazzak A. Jasim
33	The Amount of Soil and Conveyor Length and Its Effect on Tubers	Galib A. A. Alkaabi, Firas S. Al-Aani, Ghofran S. Al-Azzawi and Arkan M. A. Seedeeg
52	Evaluation and Classification of Grand Water and its Use for Irrigation of some Wells in Al-Qayarah Area in Nainavah Governorate	Qahtan D. Al-Khafagi, Enas Moneer Al-Obaidy and Tamadhur Turki Khalaf
56	Effect of Adding Amendments on some Physical Properties of Gypsum Soils	Alaa Chali Fahd, Farhan M. Jasem and Huthaifa J. Mohammed
68	Assessment of Groundwater Quality and its Suitability for Irrigation in Rabia and Zummar within Nineveh Governorate	Khalid Ekhlaf N. Alhadidi, Abd Al-Kader A. Alhadede and Hazem M. Ahmed

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89	Study of the Working Process of the Yamz-236 Diesel Engine when Running on Emulsified Fuel	Al-Maidi A. A. H, Rodionov Yu. V., Lomovskikh A. E., Mitrofanova S. V. and Sviridov A. A.
92	Evaluation of Field Performance for Different Shapes of Subsoiler Plow Shanks Which Locally Manufactured	Abdullah Ayad A. Al-Hanosh and Mothana Abed Al-Malik N. Al-Jarrah
98	Evaluation Analysis of Thresher Mechanically Developed	Ayoub Abdel Aziz M. Al-Dawla and Adel Ahmed Abdullah Rajab
128	First Record of Saksenaea vasiformis Which Isolated From Soil in Karbala, Iraq	Zeinab A. M. Altememe, Sarah Abbas Ali Alghanmi, Manal Abd Alssirag and Lubna Abd Kamel
112	Effect of Ionic Composition in Copper Adsorption in Calcareous Soil	Layth J. Kareem Aldaini, Omar T. Alsalam and Abdul Baqi D. S. Al-Maamouri
12	Effect of Mycorrhizae Bio-Fertilizer and Foliar Application of Boron on the Growth and Yield of some Green Bean Cultivars Phaseolus vulgaris L.	Othman Khalid Alwan, Abbas Fadel Ali and Yasmine Abdel Karim Najm
24	Evaluate the Effect of Drip Irrigation System Parameters on Moisture Distribution in a Gypsiferous Soil	Sakar Mijbil Al-Jumaily and Awss M. Khairo
42	Effects of Foliar and Soil Applications of Silicic Acid (Silicon 0.8%) on the Growth and Yield of Tomato under Greenhouse Conditions.	Mohsin A. Desher, Husam H. Abdulali, Aqeel Adnan Alyousuf, Amin Nikpay and Henk-Maarten Laane
51	Effects of Adding Chelated Iron and Spraying Salicylic Acid on the Growth and Yield of Beans	Nawfal A. Sabry, M. N. A. Al-Falahi, Khaleel J. Farhan, Mohammed Obed Sallume, Basem Rahem Badr and Mohammed Ali Abood
64	Effect of Mineral Sulfur on the Intensity and Capacity Relationship of Copper in Different Calcareous Soils	Zakia Sh. Hamad Al-Obeidi and Mijbil Mohammad Al-Jumaily
74	Water Quality Analysis of Alwand Reservoir and its Suitability for Different Uses, Khanaqeen, Iraq	Abdulmutalib R. Sarhat, Aram H. Mohammed, Shagul A. Ali, Mohammed I. Khalil and Muhammad Mohsin
81	Growth and Yield of Three Soybean Cultivars by the Nutritional Effect of Zinc and Arginine	Basim Abid Salih Al-Fahdawi and Bashir Hamad Abdullah Al-Dulaimi
122	Weeds Intensity Associated with Chickpea Affected by Barnyard Manure and Dap Fertilizers under Rainfed Conditions	Guhdar S. Hussein, Fathi A. Omer, Dilsher Sh. Tahir and Ahmed S. Khalaf

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144	Response of Pea Plants to Spraying with Boron and Sugar Alcohol (mannitol) and Their Effect on Chemical Traits of the Crop	Noor Shaker Rashid and Monam Fadel Mosleh

 قاعة 3	الجلسة المسائية 6:30-3:30	اليوم الاول الثلاثاء 10/كانون الثاني/2023
Extension technologies and agricultural economy		
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ID	Paper Title	Names of Authors
62	Estimation of the Optimal Resource Mix for Breeding and Fattening Calves in the Northern Plain-Nineveh Governorate for the Year 2021	Ghadeer Ghanim Farhan, Emad Abdulazeez Ahmad, Mohammed Hamid Ahmed Aljreisy and Waleed Ibrahim Sultan
73	The Reality of the Extension Services Provided to Olive Growers in the Village of Al-Fadhiliya, Bashiqa District/ Iraq	Talal Saeed Hameed and Anhar Mohammed Ali Hasan
78	Awareness of Vegetables Farmers about the Medical Benefits and Side Effects of Watercress Plant, in Rabia Area/ Nineveh/ Iraq	Abdulaziz Hamed Midhas, Maher Ibrahim Dawood, Hafsa Fatah Hade
79	Export Performance and its Impact on Economic Growth (a Case Study for Selected Developing Countries) for the Period (1990 – 2020)	Okba Mohammed Nori and Zwaid Fathy Abd
133	Measuring the Impact of Water Losses on the Irrigated Agriculture for some Agricultural Crops in Iraq for the 2021 Hydroponic Season	Amena A. H. Alhasoon and Aswan Abdel Qader Zaidan
141	The Level of Application of Scientific Recommendations by Tomato Growers in Nimrud District	Rayan Ryad Kadhum and Ali Tariq Hameed
150	Estimating the Economic Efficiency of Wheat Mills in Nineveh Governorate for the Year 2021	Eman Faisal M. Alzubaidi, Alaa Mohammed A. Almullah and Abdel Moneim T. Abd
152	The Level of Awareness of Rural Women in Hammam Al – Alil District/ Nineveh Governorate of Preventive and Remedial Measures of Covid-19	Mohammed Ahmed Mahal
153	The Reality of the Work of Agricultural Extension Workers in Nineveh Governorate	Abbas Ali Ahmed
155	The Level of Job Performance for Agricultural Extension Workers in Nineveh Agriculture Directorate/ Iraq	Dhoha M. Abd Al-Faraje
169	An Econometric Analysis of the Most Important Factors Affecting the Wheat Gap in Selected Arab Countries for the Period (1996 – 2020)	Ahmed Hashim Ali Al-Mshhdani, Waleed Ibrahim Sultan and Salah Fahmi Shaba

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188	Economic and Environmental Feasibility Study for a Dairy Cows Breeding Project in Al-Hamdaniya District/ Nineveh Governorate	Eman Younis Mahmoud Al-Najjar and Kays Nadhem Ghazal
193	The Level of Cognitive and Skillful Behavior of Rural Women According to Scientific Recommendations in the Field of Family Care in Iraq	Majeed Hadi Salih Al-Hamdany, Mona A. Q. A. Najm and Anhar M. A. Hasan
186	The Investment Environment for the Iraqi Agricultural Sector, Reality and Solutions	Ramia Amer Khalil Al-Allaf and Iman Mustafa Rashad
268	The Leadership Skills of the Agricultural Employees in the Nineveh Agriculture Directorate and Their Relationship to the Work Environment	Wisam Yako Aziz Masso and Luma Monther Adres Al-Basso
237	The Economic Feasibility of use Laser Leveling and Different Methods of Weed Control in the Corn (Zea Mays. L) Crop	Hassan Abdulkareem Aqeel, Nofel Issa Muhaimid and Adnan Hussein AlWagaa
37	Economic Analysis for Measuring the Economic Efficiency and Affecting Factors of the Barley Farms in Iraq-Wasit Governorate Al-Suwaira District, an Applied Model for the Year 2020	Hawraa Jaafer, S. H. Ali and Ali S. Shukr
129	Assessment of the Decision to Invest in Hydroponics Using Decision Tree Analysis	Eskander A. H. Ali, Sura Saael Abd and Diana Majed Khalel
196	Proposed Interactive Digital Platform for the Agricultural Extension by Taking Advantage of the Standard Website (Facebook) and at the Level of Districts and Sub-Districts in Dhi Qar Governorate	A. O. Zuweid
236	Role of Social Media in Diffusion Smart Farming Techniques from the Point of View of Agricultural Researchers in Nineveh Governorate/ Iraq	Abbas Ali Ahmad, Luma Monther Idress and Roaa Mohammed Hamed

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ID	Paper Title	Names of Authors	
40	The Role and Importance of Pollen Grains in Taxonomic Studies: A review	Haecs S. J. Al- Jowary, Faieza A. Rashid, Hamid M. Ibraheem and Anwer Noori Mohammed	
50	Effect of Soaking Periods in Hot Water and Chilling on Seed Germination and Seedling Growth of Melia azedarach L.	Hamid Muhammed Ibraheem	

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53	Stand Structure Dynamic of <i>Pinus brutia</i> Ten. Grown Natural in Atrush Region	Muzahim S. Younis, Ammar J. Mohammed and Shaymaa D. Ali
65	The Biological Effect of Total and Partial Extracts of Leaves of Two Species of Poplar Trees on <i>Chaitophorus Versicolor</i> nymphs	Samer Ameer Alshaby and Hanan Ghanim Alallaf
84	The Effect of the Electric Current Intensity and its Exposure Duration on the Germination Ratio and some Morphological Qualities of the <i>Albizia</i> Seedlings <i>Albizia lebbek</i> L. Benth	Mohammed Sameer Idrees and Omar Mudhaffar Omar
94	First Report of <i>Polyporus squamosus</i> on <i>Langestrum</i> sp. Trees in Mosul and Its Control in Vitro	Anwer Noori Mohammad Al-Khero, Hanan Ghanim Saadallah Al-Allaf and Muhannad Hamid Younis Al-Obaidi
145	<i>Jatropha</i> Green Petroleum Tree	Shahla Abdulrazzaq Basheer, Sumood Hussain Ali and Anwer Noori Mohammed
163	Assessment of Cloud Cover Distribution with Sunspot and Cosmic Rays of the Iraq Region	Raghda S. Al-Awadi, Sundus A. Abdullah and Osama T. Al-Taai
189	Evaluation of the Efficiency of <i>Nerium oleander</i> in the Phytoremediation of Lead Pollution by using Humic Acid	Muhand Kamal Mustafa and Ammar Fakhri Khudair
230	Assessment the Impact of Climate Changes on Snow Cover Area Using Landsat Data in Sulaymaniyah City, Iraq	Doaa G. Altemimi, Alaa M. Al-Lami and Bassam M. Hashim
232	Taxonomic Value of Leaf Epidermal Characters of the Genera <i>Rosa</i> L. and <i>Rubus</i> L. (Rosaceae) in Iraq	Zeravan Abdul Khaliq Sadeeq Al-Doskey
262	Seed Productivity of Natural Vegetation at UoD Campus as Affected by Mowing Frequency	Khalid Ismail Saleem, Ahmed M. H. Mustafa, Khaleda Haji Abdullah, Bilnd J. H. Hambi and Direen J. M. Albaibony
279	Effect of Soaking in Sulfuric Acid and Hot Water in Seeds Germination and Growth of <i>Sesbania punicea</i> Seedlings	Sumood Hussain Ali Al-hadidy, Shahla Abdulrazzaq Basheer and Mohammed Sameer Idrees
292	Using Multiple Techniques for the Best Harvesting Decision in Zakho Poplar Stands	Hishiar Saeed Abdi and Zeki Matti Akrawee
257	Aerosols Optical Properties Over Different Regions Over Iraq	Khawla N. Zeki, Ali M. Al-Salihi and Alaa M. Al-Lami
36	Study and Evaluation of Soil Contamination with some Heavy Metals According to International Standards for Pollution	Mortada Jabr Hussein Al-Mashhadi and Luma Abdalalah Sagban Alabadi
49	The Effect of Morphological and Physiological Characters of Three Oak Species on their Susceptibility to Infection by <i>Euproctis melania</i> Staudinger (Lymantriidae: Lepidoptera) in the Mountain Gara Region in Northern Iraq	Mustafa Mudher Alshareef and Samer Ameer Alshaby


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70	Evaluation of the Effectiveness of some Insecticides on Wasp Swelling of Eucalyptus Leaves <i>Ophelimus maskelli</i>	Ali Faisal Mohammed Ali and Samer Ameer Alshaby
149	Phenetic Discrimination of <i>Calotropis procera</i> (Aiton) Dryand and <i>Jatropha curcas</i> L. in Northern Nigeria	M. D. Abdulrahman, S. W. Hamad,, I. Labaran, A. A. Lema, B. S. Halliru, N. Sunusi, U. U. Uwais, M. T. Badamasi, A. Sulaiman, A. A. Mahamud and S. W. Bradosty
160	Study of some Physical and Chemical Parameters of the Water of some Wells in Kerbala	Wafaa S. H. Al-Nasrawi, Ayat Sh. Al-Yasssiry, Balqees H. Al-Musawi and Thoalfakar A. Alhamed
166	A study of the Effects of Type, Direction, and Some Environmental Factors on the Area and Percentage of Damage Caused by a Wasp Infestation with Swollen Eucalyptus Leaves <i>Ophelimus maskelli</i> (Hymenoptera: Eulophidae)	Ali Faisal Mohammed Ali and Samer Ameer Alshaby
222	Assessment the Air Pollution at the some Areas in Salahaddin Governorate - Iraq	Attalah Macedi Hameed-Ameen, Ahmed Ibrahim Alallawi and Waleed M. Sh. Alabdriba
235	Determine Canopy Gaps for Atrush Forest using Remote Sensing Data	Muhammad Youns Al-Allaf, Muzahim Saeed Al-Bek and Muhannad Abdel-Qader
240	The Use of Mathematical and Statistical Analysis in Selecting of Best Regression Equation for <i>Quercus infectoria</i> G.Olivier	Tariq K. Salih
246	The Influence of Green Cover in Term of Urban and Sub-Urban Areas on Uhi Phenomena in Baghdad Greater Area	A. R. Al-Totanje and S. N. Jasim
269	Comparison between linear and non-linear regression models in the prediction of the height of Gall Oak trees (<i>Quercus infectoria</i> Olive.) in Duhok Governorate	Tariq K. Salih, Glavesh Y. Saleem and Abdulaziz J. Younis
274	Administrative Plan for Reforestation of the Nineveh Forest for the Period 2019-2029	Muzahim Saeed Al-Bek and Faiza Ali Rashid
287	The Response of <i>Moringa oleifera</i> Lam. Nodes to Multiply on MS and WPM Media Supplemented with Different Concentrations of BA and Kin	Alaa Omar Ahmed Al-Hamidi, Ammar Zaki Amin Kassab Bashi and Sumood Hussan Ali Hadedy

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<p>Plant production environment</p>			
	<p style="text-align: center;">Click Here Or Scan It</p>	<p>رئيس الجلسة: أ.د. نبيل محمد امين الامام مقرر الجلسة: أ.د. بشار زكي قصاب باشي الادارة الالكترونية: م.م. احمد عبد الرحيم رابط المشاركة الالكترونية: ZOOM Meeting ID: 841 3189 8881</p>	
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187	Effect of N20 P20 K20 Nano-Fertilizer on Quantitative and Qualitative Yield of Two Potato Cultivars	Ragheed H. M. Al-Sultan, Fathel F. R. Ibraheem, Waleed B. A. M. Allela, Hussien J. M. Al-Bayati and Nagham Salah Salim	
190	Effect of Planting Season and Variety in some Growth Characters of Corn	Nisreen Sabbar Hasham, Khamael Ali Kareem, Aiyemen Ahmed Abdul-Kareem Al-Abassi and Abdelmonnem Sadalaha Kahle	
199	Effect of Foliar Feeding of Nano Fertilizers on Vegetative Growth and Nutrient Content on Broccoli (<i>Brassica oleracea</i> var. <i>italica</i> .)	Kurdistan Hassan Yousif, Hojeen Majid Abdullah and Mustafa Omar Mohammed	
204	Effect of Melatonin Spraying on some Growth Characters of Several Cotton Cultivars	Abdulsamad M. Dawood and Abdulsamad H. Noaman	
205	Onion Biofortification Using Selenium Bionanofertilizer and its Bulk Source under Sandy Soil Conditions	Abd El-Mohsin M. El-Bassiony, Hassan El-Ramady,, Sameh M. El-Sawy, Sami H. Mahmoud, Shaymaa I. Shedeed and Zakaria F. Fawzy	
208	A comparison of Nine Grape <i>Vitis vinifera</i> L. Cultivars Growing in Iraq's Kurdistan Region in Terms of Their Vegetative Growth and Physicochemical Traits	Sidiq A. Sidiq Kasnazany, Avin Noori Mirza, Anwar Mohammed Raouf Mahmood, Shex Sidiq Abdul Rahman, Jalil Shamsadden Hameed and Kosar Baqi Nasrulla	
210	Response of Vegetative Growth Traits of Several Soybean Cultivars to Spraying with the Growth Regulator Triacontanol (TRIA)	Ahmed A. Ahmed and Adil H. AbdulKafoor	
221	Effect of Dipping in Hot Water and Ascorbic Acid and Modified Atmosphere Packaging on Storability of Sour Orange	Nameer N. Fadhil, Shaymaa S. Mahdi and Badran S. Abdallah	
238	Response of POMELO and Grapefruit Seedlings to Fertilization with VIVITER Liquid Organic Fertilizer and ALGACIFO Seaweed Extract	Jassim M. Al-Araji, Ayad T. Shayal Alalam, Ayad H. E. Alalaf, Nosir W. S., Ahmad M. Maroff and Mousa H. Abuazizah	
250	Combination Influences of NPK Fertilizers and Bradyrhizobium Inoculation on the Yield, Chemical Constituents and Guar Production of Guar (<i>Cyamopsis tetragonoloba</i> , Taub.) Plant	Mahmoud A. A. Abdelgawad, A. A. Meawad and M. A. I. Abdelkader	

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251	Improving Yield Components and Fruits Quality of Hot Pepper (<i>Capsicum annuum</i> , L.) Plant by Utilizing NPK Fertilization and Lithovit	Mohammed A. I. Elgezary, A. A. Meawad and M. A. I. Abdelkader
252	Impacts of Magnetized Water on Groundwater, Sandy Soil Properties Fruit Quality and Productivity of Peach under Desert Conditions	A. H. Hamza, A. M. Menesi, A.H.E Aalaf and W.M.E. Fekry
263	Using Rooting Promoter (ROOT EX-4 UP) to Propagation the Plant Medical (<i>Rosmarinus officinalis</i> L.) by Stem Cuttings under Different Sowing Distances	Abeer Alrusly and Hiam Al-Noman
265	Effect of Phosphorus and Polyamine Fertilizers on Leaves N, P, K, Chlorophyll, Protein and Carbohydrates Concentrations of Kufi Apple Transplants	Afraa Esam Saad Alah and Jassim M. Alwan Al Aareji
266	Effect of Phosphorus and Polyamine Fertilizers on Kufi Apple Transplants Growth	Afraa Esam Saad Alah and Jassim M. Alwan Al Aareji
267	Influence of Chemical, Organic and Biological Fertilizers of Yield and Volatile Oil Production of Anise (<i>Pimpinella anisum</i> , L.) Plant	Mahmoud M. Y. Ahmed, A. A. Meawad and M. A. I. Abdelkader
276	Impact of Nano NPK Fertilizer and Humic Acid Application on Vegetative Growth of Three Strawberry Cultivars	Raghad Adnan Ali Al-Qady and Nabil Mohammad Ameen Alimam
289	Assessment of Potato Vegetation and Yield under Smart Irrigation	Tolba R. A., S. M. Abou-Shleel, M. A. El- Shirbeny and Z. F. Fawzy
311	Effect of Treatment with Growth Regulators Gibberellic Acid and CPPU on some Vegetative Traits and Yield of Three Potato Cultivars <i>Solanum tuberosum</i> L.	Abrar Akeel Naser and Harith Burhan Al-Din Abd-Alrahman
164	Performance New Entries of Broad Bean Under Supplementary Irrigation Conditions	Haitham Abdel Sattar Almamari and Mohammed Subhi Altaweel
180	Effect of Colchicine Concentration and Exposure Duration on the Growth and Flowering of <i>Petunia hybrid</i> L.	Adnan A. Abdul Khudair Al-Jubouri and Mustafa Rasheed M. Alqaisi
224	Effect of Planting Date and Spraying with Nutrients Containing Amino Acids in the Growth and Production of Dry Onions and the Production of its Seeds	Nihad Ahmed Hassan Al-Shammari and Hamid Salih Hammad Al-Obeidi
231	A taxonomic Environmental Study of some Dicotyledon Plant Species Growing Wildly in Western Iraq	Atheer Hashim Abdulmajeed, Alaa Hussein Hamad, Hisham Majeed Shlash, Ashwaq Talib Hameed and Zeyad M. Abdulrazzaq

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241	Effect of Mycorrhiza on the Vegetative Growth Traits and the Quantitative and Qualitative Yield of Two Sweet Pepper Cultivars <i>Capsicum annuum</i> L.	Ruaa Wahab Abdel Rahim, Ali Ibadi Manea and Rajaa Abdulrazzaq Abbas Al-Anbagi
242	The Effect of the Method and Date of Planting on the Growth and the Blooming of <i>Matthiola incana</i> L.	Zainab Abdulmunem Ahmed and Ali F. Qasim
245	Effect of Alar and Light Intensity on the Leaves Content of some Nutrients and Chemical Compounds of Juniper Plant (<i>Juniperus Sabina</i> L.)	Amir Abdulkadir Abbas and Alaa Hussien A. Q. Al-Bakkar
253	The Effect of Planting System and the Pot Size on the Growth and Flowering of <i>Matthiola incana</i> L.	Zainab Abdulmunem Ahmed and Ali F. Qasim
280	Evaluation of the Inhibitory and Antioxidant Activity of <i>Ceratonia siliqua</i> Leaf and Seed Extract	Shams Muwaffaq M. Al-Azzawi and Maha Muhammad Nafie A. Al-Azzawi
281	Effect of Spraying with Salicylic Acid and Okra Plant Extract on the Growth and Yield of Baashiqli Olive Trees	Raed jameel Agah Al-Mosawy and Ahmed Mohammad Hasan
282	Effect of the Amino Acid Tryptophan on some Physiological Characteristics on Growth and Flowering of Saffron Plant <i>Crocus sativus</i> L.	Lina Saadoun Abdul Majeed, Kefaia Ghazi Saeed and Mohsin Omar Muhammad
283	Mycorrhiza Dendritic Technologies as Biofertilizers and Anti-Transpiration Agents to Enhance Plant Growth and Chemical Properties	Ruaa Wahab Abdel Rahim, Rajaa Abdulrazzaq Abbas Al Anbagi and Ali Ibadi Manea
285	Impact of Different Concentrations of Pumpkin on Chemical and Biological Properties of Soil	Wasan Salih Hussain, Hiba Faris Ahmed and Abdullah Khder Mohammad
288	Effect of NPK Fertilizer and Growing Media on the Growth and Gel Production of Two Species of Aloe Plant (<i>Aloe vera</i> and <i>Aloe butteneri</i>)	Shireen Hasan Saeed and Yousif Hussien Hammo
294	Effect of Spraying with Some Plant Extracts and Copper Oxide Nanoparticles and their Interactions in Vegetative Growth, Mineral Content and Volatile Oils of Basil Plant <i>Ocimum basilicum</i> L.	Rajaa M. hasbullah and Taha S. Ahmed
295	Effect of Organic Mulching and Foliar Spraying by Licorice Root Extract on Vegetative Growth and Green Seeds Yield of Two Pea cultivars (<i>Pisum Sativum</i> L.)	Abduljebbar I. Saeid
304	Measuring the Percentages of Nitrate, Nitrite and TDS in Well Water on the Left Side of Mosul using a Field Test Kit	Ashraf Saddiek Alias

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310	The Effect of Planting Date, Home Garden Direction, and Fertilization with Compound Fertilizer (Hortifeeds) for Some Nutrient Elements and Compounds on the Leaves of Hybrid Carnation Plant (<i>Dianthus chinensis</i> x <i>barbatus</i>)	Mahast Samer Nouri and Alaa Hussien A. Q. Al-Bakkar

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رابط المشاركة الإلكترونية: 868 2202 4191

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259	Evaluation of Bread Wheat Varieties Performance of and their Stability at Levels of Seeds Fogging with Seaweed Extract Alga-600 and Types of Compound Fertilizers	Abdulsalam Rajab Ahmed Al-Jumaily, Yaser Hasan Saleh Al-Aaty, Khalid M. D. Al-Zubaidy, Anas J. Naeef and Farhan Raheem Saleem
177	Evaluation of Efficiency Different Concentrations of SURAGE Herbicides on the Growth and Yield of Two Varieties of Wheat (<i>Triticum aestivum</i> L.) and Associated Weeds	Saja Essam Abdel Wahab and Dheyaa Fathi Aljuburi
87	Anatomical Study of <i>Ornithogalum umbellatum</i> L. from the Asparagaceae Family in Iraq	Feryal Khalid Khalaf
107	Evaluation of some Control Factors in the Management Late Blight of Potato	Huda Z. Al-Taae, Ali K. Al-Taae and Hussein J. Al-Bayati
120	Effect of Different Beehives Materials on the Bioactivity of Honey Bees <i>Apis mellifera</i> L. in Winter	Mutassim Ibrahim Shamoan, Jumaa Taha Muhammad, Muhammed Khalil Ibrahim and Ahmed Thamer Hammadi
138	Toxicity of Milk Thistle and Safflower Seed Oils and some Insecticides for Adults and Larvae of Flour Beetles	Omer U. Ali Al-Hamdani and Emad Q. Mohammed Alebady
139	Seasonal Presence of White Fly Species on Jujube Trees in Nineveh Governorate	Haitham Mohieldin M. Al-Jalal and Manal Hussein H. Al-Dulaimy
170	The Role of Weeds in Spreading Infection with Tomato spotted wilt virus on Solanaceae Crops	Hameed Hamoud Ali and Ghaleb Mowafaq Saeed
212	Diagnosis of <i>Lysiphlebus fabarum</i> by PCR Technique in Nineveh Governorate	Renna Riadh Fahih Al-Sabie and Juhina A. M. Ali
260	The Effect of Honeybee for Increasing of Sunflower Productivity	Batol Abdulla Karso, Abdulla Hamad Dabash, and Saleh Mohammed Ali Bas
286	Isolation, Morphological and Molecular Characterization of <i>Albizia</i> Rot Seed Causal Agent	Huda Hazim Al-Taae, Asmaa Mansour Al-Hakeem, Ali F. Qasim and Asmaa Mohammed Adil

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261	Response of Growth and Yield Characteristics of Fenugreek to Spraying with Cytokinines and Licorice Extract	Doaa Mohamed Ahmed and Usama H. Mheidi
284	Growth Response and Yield of Maize (<i>Zea mays</i> L.) for Levels of Slow Nitrogen Release	Mohammed Ahmed Ibrahim Al-Asaf and Moyassar Mohammed Aziz
290	The Effect of Planting Distances and Foliar Fertilization with Zinc on Yield and its Components of Soybean Crop	Mamoun A. Hussein and Ismail A. Sarhan
305	Effect of Nitrogen Fertilization and Zinc Spraying on Growth and Yield of Flax	Waleed Khalid Shahatha Al-Juheishy, Salim Abdullah Younis and Hossam Mamdouh Hamid
21	Effect of Alkaline Well Water on the Stability of Emulsions of some Emulsified Chemical Pesticides and Their Reform using some Surfactants	Safaa Zakaria Baker and Emad Hadid Hashem
23	Effect of Hard and Alkaline Well Water and some Surfactants on the Effectiveness of some Emulsified Chemical Pesticides Against Corn Stalk Borer <i>Sesamia cretica</i> L. (Lepidoptera: Noctuidae)	Emad Hadid Al-Gharani and Safaa Zakaria Baker
45	Laboratory Evaluation of Efficiency of some Biocides and Pesticides in Controlling the Two-Spotted Spider Mites on Eggplant in Salah Al-Din Governorate	Mohammed Sh. Mansor and Talib E. Ali
67	Effects of <i>Trichoderma Harzianum</i> and <i>Trichoderma Asperellum</i> Against Egg of <i>Meloidogyne Incognita</i> under Laboratory Condition	Ghufran Ali Abdulla, Hamood M. Saleh and Asmaa Mansour Al-Hakeem
75	Effect of some Surfactants and Plant Oils on the Effectiveness of Bioformulation Antario KAB on Great Wax Moth <i>Galleria mellonella</i> L. (Lepidoptera: Pyralidae)	Mofeed Moneim Ahmed Al-Baldawi and Safaa Zakaria Baker
80	Seasonal Presence of <i>Ceroplastes rusci</i> L. (Hemiptera: Coccidae) on Fig Trees in Central Iraq	Anmar A. Hussein and Feryal H. Sadiq
185	Possibility of Controlling Red Two-Spotted Mite Acariformes: Tetranychidae ((Kock)) <i>Tetranychus Urticae</i> on Okra Plant by using Cinnamon Oil and the Chemical Pesticide Bifenthrin	Hussein Rasim Saboori Naji, Husham Rommel Meteab, Kawthar Rahi Dalloul and Salh Hussein Al-Thabhawi
207	Molecular Diagnostics of Trypanosomatidae: <i>Lotmaria passim</i> from the Honey Bee <i>Apis mellifera</i> in Iraq	Nawras Ketab Fodeal and Kamila Ward Shaher


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97	Evaluation the Effect of some Plant Extracts in Controlling the Oriental Hornet <i>vespa orientalis</i> Linnaeus, 1771 Near the Apiaries	R. S. Augul, H. H. Al-Saffar and I. J. Abed
233	Study of Morphological and Physiological Characteristics of some Types of Fungi (Pathogenic and Non-Pathogenic)	Lara Hashim Abdulmageed and Lena Jaffar Sultan
256	Effect Infestation by <i>Sesamia cretica</i> L. Insect in some Characteristics of Growth for Varieties of Yellow Corn	Mohammed Rakan Shallah, Abdul Jabar K. Ibrahim and Arqam Alomari
300	Genetic Studies for some Bean Traits in Relation to Stability and Insect Infestations	Abd El-Hady M. E. E., A. A. Hamed, M. A. I. Youssif and H. E. M. A. Ismail
298	Screening of Eight Varieties of Barley Against Barley Seed Gall Disease Caused by <i>Anguina funesta</i> in Nineveh Province Iraq	Yousef M. A. and Ali K. Al Taae
198	Effect of High Salt Concentrations on some Growth Characteristics and Feed Intake Rate of <i>Ctenopharyngodon idella</i>	Mohammad Shaker Al-Khshali, O. M. Abdulmageed and Ahmed S. Naser

	قاعة 1	الجلسة الصباحية 12:30-9:30	اليوم الثاني الاربعاء 11/كانون الثاني/2023
Sustainability of food and animal resources			
	Click Here Or Scan It	<p>رئيس الجلسة: أ.د. دريد ذنون يونس مقرر الجلسة: أ.د. عمر ضياء محمد الإدارة الإلكترونية: السيد عدي عبدالهادي رابط المشاركة الإلكترونية: ZOOM Meeting ID: 889 6918 0164</p>	

ID	Paper Title	Names of Authors
183	Effect of Adding Annatto Seed Powder (<i>Bixa orellana</i>) and Astaxanthin to the Diet in some Physiological Traits of Broiler (Ross-308)	Zakariya Abd Al-Ameer Al-Masoudi and Fadhil Rasool Abbas Al-Kafaji
206	Extraction of Chitosan, Biological Activity and its Application for Coating Fish Fillets	Inas M. K. Al-Aubadi and Wisam A. Khairi
211	Evaluation of the Efficiency of some Conditions for the Production of Lovastatin from a Local Isolate of <i>Aspergillus terreus</i>	Tarek N. Kalil and Mazin Muhammed I. Al-Zubaidy
214	Influence of Ewe's Body Weight and Panicum Feeding on Milk Production and Lambs Growth of Arabi Sheep	Adnan Heme Said Resol and Khalid Hassani Sultan
215	Influence of Some Processing Treatments and Storage on Different Properties of Tangerine Juice	Oday Hasan Ali Al-Jammaas, Mead Waleed Saadallah and Abdullah Fakhri Abd
223	Study of the Rheological Properties of Flour and the Quality of Bread Made from Wheat Flour Fortified with Germinated Wheat and Pumpkin Seeds	Aseel Mohamad Mizil, Wedad Fadhil Abas and Makarim Ali Mousa

ID	Paper Title	Names of Authors
227	Influence of Foliar Application with Yeast Extract on Growth and Active Components of Thai Basil <i>Ocimum basilicum</i> var. <i>thyrselflora</i>	Wurood Hantoosh Neamah, Fatima Ali Hasan and Jameel Hassan Haji
271	Effect of Replacing Sesame Industry by-Products for Soybean Meal on some Productive Traits of Quail	Nawaf G. Al-Tamee, Rafea M. Khulel and Wael Kamas
272	Reproduction Biology of the Arabian Yellow Fine Seabream (<i>Acanthopagrus arabicus</i>) in the Iraqi Marine Waters	Audai M. Qasim and Faleh M. Al-Zaidy
277	Effect of Using Slow-Release Urea on Food Compound Digestion Coefficient and some Rumen and Blood Fluid Traits in Awassia Lambs	Waseem A. Hashem and M. A. M. Tayeb
270	Mutagenicity of Kojic Acid Produced from Wild Type <i>Aspergillus oryzae</i>	Tariq Zaid Ibrahim, Salah Omar Ahmed, Younis Ali Younis and Michael Leonidas Chikindas
275	Food Security and Animal Products of Threatened Jordan Indigenous Livestock	Raed M. Al-Atiyat
301	Effect of Arginine Injection on the Level of some Sex Hormones and Biochemical Blood parameters of Male Shami Goats	Ali Shehab Ahmad, Mohamed Ali Ahmed and Yassen Taha Abdul-Rahaman
303	The Effectiveness of a Bilayer from Gelatin and Carboxymethyl Cellulose Supported with Zinc Oxide Nanoparticles on Microbial Load of Soft Cheese Storage at Refrigerator Temperature	Alaa Safi Abed and Karkaz M. Thalij
173	Study of the Sensory and Storage Characteristics to the Food Bars Manufactured from Milk Proteins	Sara H. J. Al-Shara, Jasim M. S. Al-Saadi and Ali F. M. Al-Saraj
175	Estimate Nutritional and Anti-Oxidation Properties to Protect the Protein of the Rabbits (<i>Lepidiumsativum</i> L.)	Issa Attia Mousa and Abdulkareem Abdulrazzaq Kareem
15	The Effect of Phytase Addition in Promoting Partial Replacement of Soybean Meal with Sesame Seed Meal on the Hematological and Biochemical Criteria of Common Carp Fish <i>Cyprinus carpio</i> L.	Tariq M. Muhsen and Mahmoud A. Mohammad
29	Microencapsulation of <i>Lactobacillus acidophilus</i> with Whey Protein Concentrates and its Usage in Manufacturing of Healthy Yoghurt	Hanan Daghim Rasham, Ali R. Mulakhudair and Jasim M. S. Al-Saadi
96	Identification of Fungi Associated with Hazelnuts and Determination of Their Mycotoxin	Khulod I. Hassan and Pari Hama Sharef
105	Effect of Thermal (Roasting) and Non-Thermal (Cold Plasma) Treatments on Reducing the Allergenicity of Hazelnut	Lanya S. Hussein and Khulod I. Hassan
132	The Relation of Obesity and the Health Status of University Students with Food Behaviors and Dietary Habits	Ali Flayeh M. Al-Saraj, Zahraa Reasan Kareem Shati and Mahdi Hassan Hussain

ID	Paper Title	Names of Authors
162	Comparative Study on Production Performances of the Laying White, Black and Desert Japanese Quail	Mohammed B. A. Al-Chikmakchy, Majid A. S. Alneemy and Arqam Al-Emari


	قاعة 2	الجلسة الصباحية 12:30-9:30	اليوم الثاني الاربعاء 11/كانون الثاني/2023
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Agricultural Machinery Technology and Agricultural Sustainability in Soil and Water

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ID	Paper Title	Names of Authors
143	Land Degradation Assessment of Soils in Different Land use of Southeast Nineveh Governorate	Shaymiaa Al-Taie and Khaled Anwer Khaled
195	Photovoltage Energy Exploitation in Iraq: Overview of Obstacles and Solutions	Shareef Ayed Mohammed, Rafea Abdulsattar Aljawadi and Montaser Khairie Khessro
197	Suitability Assessment of Agricultural Lands for Wheat Crop Cultivation in the Zummar District, Northwest of Nineveh Governorate, Iraq	Samara Saad Younus and Yousif Hassan Al-Naser
225	Reducing Maize Harvest Losses with Electronic Monitoring	Waleed A. H. Al-Shikh and Firas S. KH. Al-Ani
226	The Effect of Diesel Fuel Improvers on the Vibrations, Noise and Fuel Consumption of the Agricultural Tractor Engine During the Tillage Process	Ali A. Awwad, Yousif Y. Hilal and Raqeeb H. Rajab
247	Variation of some Water Quality Parameters with Fluctuation of Groundwater Table in Wana Sub-District Northern Iraq	Ghazwan Ghanem Al-Aarajy, Omar Nabhan Al-Azzo and Hazim Jumaa Mahmood
117	Effect of Zinc and Wheat Variety on Grain Content of (Zn, Fe, Cu and Mn) Grown in Calcareous Soil	Ammar Y. Kashmola and Sadullah N. Al-Niemi
123	Enhancing the Availability of Potassium in New Egyptian Soils using Biochar Produced from Olive Stone Waste	Muhammad Ayman and Zakaria Fouad Fawzy
296	Phosphorus Adsorption in Calcareous Soils of Different Agricultural Exploitation in Nineveh Governorate	Wamedh Satea Mdhafer Al-Rawe and Rana Saadallah Aziz Al-Abdaliy
312	Developing, Manufacturing and Testing a Combined Equipment to Perform Several Agricultural Purposes	Abdulrazzak Abdullatif Jasim and Shaimaa Sami Dowad
148	Evaluation and Determination of the Best Irrigation Methods Suitable for the Agricultural Lands of Abu Gharq in Babylon	Hendreen Adel Al-Hello and Amal Radhi Jubier

ID	Paper Title	Names of Authors
154	Effect of Ion Pairs on the Dispersion Parameters (SAR, MCAR, CROSS) of some Calcareous and Saline Soils in Nineveh Governorate	Majed M. Khaled and Hazim M. Ahmed
178	Variance, Heritability and Genetic Path Coefficient Analysis of Genotypes of Sorghum Cultivated under Iraqi Conditions	Hassan Ali Abd, Saddam Hussein Abbas and Safaa Abd Al-Hassan Al-Zubaidy
218	Effect of Sand Column on Sorptivity of Clay Soil under Surface and Sub Surface Drip Irrigation	Abdul Azeez A. Alhamed, Hesham M. Hassan and Lazim M. Aljawadi
273	Effect of Levels of Organic Matter on Adsorption and Liberation of Gypsum Soil	Yasir Hamod Algnaby and Hawazim Dyaa Aldawri
278	The Effect of Temperature and Calcium Chloride Extract on Zinc Desorption in Changed Calcareous Soils	Payizan Ihsan Ramadhan and Lazkeen Ahmed Merween Mehmedany
293	Determination the Wheat Weight and Volume: Mathematical Approach	Mohammed Salman Alamery and Samir B. Salman Al-Badri
217	Application of Water Quality Index [WQI] to Study of Tigris River in Mosul, North Iraq	Ihsan A.T. Al-Doski, Abdulazeez Y. T. Al-Saffawi and Salih A. Alrashidi
306	A study of some Indicators of the Locally Designed Seeder (Hadbaa 1) in the Cultivation of Wheat Crop	Fahad Saadallah Ahmed, Saad Abdal-Jabbar Al-Rajabo and Nofal Idris Hassan

	← المركز الثقافي	وجبة الغداء 2:00-12:30	اليوم الثاني الاربعاء 11/كانون الثاني/2023
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	← قاعة العمادة	الجلسة الختامية 3:00-2:00	اليوم الثاني الاربعاء 11/كانون الثاني/2023
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اجتماع رؤساء ومقرري الجلسات لإقرار توصيات المؤتمر قراءة توصيات المؤتمر الصور الجماعية			
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