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- 2006-2008 مدرس مساعد كلية الزراعة – جامعة ديالى
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الورش والندوات المختلفة:

- ندوة علمية – التلوث الكيميائي- قسم التربة كلية الزراعة – ديالى-25/4/2017 .
- المؤتمر العلمي الدولي الاول الافتراضي لكلية الزراعة ديالى-2020.
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البحوث والمؤتمرات العلمية:

AL-Janabi.M. A. A. AL-Hadithi,E. K. H., and Khalifa, H. G.2010. Consumptive water use for onion yield under conventional and strip drip irrigation. *Diyala Agricultural Sciences Journal* 2(2):138-144.<https://www.iasj.net/iasj/download/6563a2562336ccc9>.

Hameed.R. M. and Abod ,M. A. 2010. Effect of irrigation intervals flowering and nitrogen fertilizer levels on growth characters and yield in cotton(*gossypium hirsutum* L.). *Diyala Agricultural Sciences Journal* 2(2):177-186.
<https://www.iasj.net/iasj/download/91452b3b10600f64>.

AL-Ganabi.M. A. AL-Hadithi,E. K. and Al-Mersomi, H. G.2010. Effect of organic manure and soil cover under model drip irrigation on Salt and moisture distribution. *Anbar journal of agricultural sciences* 8(3):1-12. <https://www.iasj.net/iasj/download/b0bfef7f1a604efe>.

Jasim.A. A. and Abood ,M. A. 2010. Effect of common reed application as an organic matter on some properties of saline soil and growth of barley (*Hordeum vulgar* L.) *Diyala Agricultural Sciences Journal* 2(1):242-247.
<https://www.iasj.net/iasj/download/8bf6ae80d73537a1>.

Suhail .F. M. Abud,M. A. and Farhan, L. D.2010. The effect of interaction between *Azotobacter chroococcum* bacteria , organic matter and nitrogen fertilizer on growth of maize plant. *Anbar journal of agricultural sciences* 8(4 Special issue):172-181.
<https://www.iasj.net/iasj/download/5bbe04948dc358a6>.

- Suhal .F. M., Farhan, L. D. and Abud,M. A.** 2011. Effect of Type and level Salt in Soil on *Azotobacter chroococcum* bacteria Efficiency and growth of maize crop. Tikrit Journal for Agricultural Sciences 11(3):120-130.
<https://www.iasj.net/iasj/download/7ce70e19cd127637>.
- AL-Janaby.M. A. A. and Al-Sheikhly ,A. H.** 2012. Effect of organic manure and soil mulching on salt distribution under deficit drip irrigation system for potato. Diyala Agricultural Sciences Journal 4(1):152-165.
<https://www.iasj.net/iasj/download/65fe937fa35ed9dc>.
- Al-Sheikhly ,A. H. and AL-Janaby.M. A. A.** 2012. Effect of organic manure and mulching on soil moisture distribution under deficit drip irrigation system for potato. Diyala Agricultural Sciences Journal 4(1):166-180.
<https://www.iasj.net/iasj/download/807f37ee2a823ca3>.
- Hameed.R. M., Abod, M. A. and Bedewi,T. K.** 2013. Effect of irrigation intervals after flowering and Nitrogen Fertilizer levels in Yield and component of cotton (*Gossypium hirsutum* L.). Tikrit Journal for Agricultural Sciences 13(1):152-157.
<https://www.iasj.net/iasj/download/4452c686e12c3f97>.
- Abood,M.A,Jasim,A.A., and Fahmi,A.H.** 2013. Quality effect of organic fertilizers on some soil properties, growth and yield of garlic (*Allium sativum* L.). International Journal of Agricultural Science and Research3(5): 25-32. <http://www.tjprc.org/publishpapers--1385540534 5.%20Quality%20effect.full.pdf>.
- AI- Janaby,M.A.A.**2014. Effect of magnetized irrigation water and bio-fertilizer spraying on growth and yields of maize (*Zea mays* L.). Journal of Genetic and Environmental Resources Conservation2(1):10-15.
- Abood.M. A., Ahmed ,O. A. and Mehdi, A. S.**2014. Effect of potassium fertilizer, deficit irrigation and organic matter on cotton tolerance to drought. Diyala Agricultural Sciences Journal 6(1):202-214.
<https://www.iasj.net/iasj/download/12be6b19682bc2ff>.
- AI-Janaby,M.A.A.**2015. Impact of Tillage and Plastic Mulching on Some Soil Physical Properties in Relation with tomato Yield (*Lycopersicon esculentum* L.) International Journal of Current Research 7(2): 12638-12641.
<http://www.journalcra.com/sites/default/files/issue-pdf/7301.pdf>.
- AI-Juraisy.S. M.F., Al-janaby, M.A.A. and Alrawi, M.K.I.**2015. Effect of physiographic location on soil quality degradation in Iraqi Mesopotamian plain using GIS. Diyala Agricultural Sciences

Hameed.Z. H., Salloum, M.O., Kadhim, A.A. and Fares,M.A.A. 2015. Effect of water stress and exogenous application of glycine and salicylic acid on the growth and production of eggplant (*Solanum melongena* L.). Anbar journal of agricultural sciences 13(2):61-69. <https://www.iasj.net/iasj/download/3e121ef2877fcfbc>.

AL-hamdani.S. A., Al-Janaby,M. A.A. and Al-Azzawi,G.S.M. S.2017. Effect of poultry manure fermentation and spraying with Tecamin Max on the vegetative growth characteristics of *Solanum tuberosum* L. Journal of Agricultural, Environmental and Veterinary Sciences 1(4):19-27. <https://drive.google.com/file/d/1UCiH7WmUEq57ED-uf9hLWvP2dcRwWj01/view>.

Al-Shammary, A.M.A., Abood, M.A., and Hamdi, G.J. 2017. Effect of Perlite on Reducing Water Stress for Three Genotypes of Tomatoes and its effect on some yield properties. Journal of Agricultural, Environmental and Veterinary Sciences 1(2):1-13. <https://www.ajrsp.com/journal/index.php/jaevs/article/view/1105/1051>.

Al-Shammary, A.M.A., Abood, M.A., and Hamdi, G.J. 2018. Tecamin Flower® Foliar Application to Alleviate Water Deficit Effects on Growth, Yield and Water Use Efficiency of Tomato. Journal of Agricultural Science Agrarteadus 2 * XXIX * 115–120. DOI: [10.15159/jas.18.10](https://doi.org/10.15159/jas.18.10).

Al-Shammary, A.M.A., Abood, M.A., and Hamdi, G.J. 2017. Effect of Perlite on Reducing Water Stress for Three Genotypes of Tomatoes *Solanum lycopersicum* L. 1. Vegetative growth. J. Plant Production, Mansoura Univ. 9(1):153-157. https://jpp.journals.ekb.eg/article_35274_fbffeecc2cbb1d2e00a06eaac06f1d67.pdf.

Aldulaimy .S. E. H. Al-Mehmady ,Sh. M. H., and Abood, M. A.2019. Evaluation of Used Exudative Irrigation Tubes and Drip irrigation For Some Soil Water Parameters and Consumptive Use of Cucumber. Iraqi Journal of Agricultural Sciences 49(5):180-130. DOI: [10.36103/ijas.v49i5.55](https://doi.org/10.36103/ijas.v49i5.55).

Ahmed .U. A., Abood, M. A. Bader,B. R. and Hamad,A.E. 2018. Effect of water stress and spray on Amino decanate of Eggplant plant *Solanum melongena* L. planted under the conditions of greenhouses. Tikrit Journal for Agricultural Sciences 18(Special issue):113-123. <https://www.iasj.net/iasj/download/9842181b77b9f9dd>.

- Al-Shammary, A.M.A., Abood, M.A., and Hamdi, G.J.** 2018. Effect of Foliar Application of Tecamin Flower on Some Vegetative Growth Characters of Tomato Plant Under Water Stress Conditions. Syrian Journal of Agricultural Research 5(2):35-44. <http://agri-research-journal.net/sjar/wp-content/uploads/2018/07/v5n2p4.pdf>.
- Al-Shammary, A.M.A., Abood, M.A., and Hamdi, G.J.** 2018. Perlite affects some plant indicators and reduces water deficit in tomato. International Journal of Vegetable Science 24(5):490-500. doi:10.1080/19315260.2018.1439853.
- Alhamdany, S.A. Abood, M.A., and Al-Azzawi, M.E.A.** 2019. Effect of organic manure and plant density on yield of potato *solanum tuberosum* L. Fayoum J. Agric. Res,&Dev. 33(1B):80-89.
- Abdulkareem, A. M., Ali M. R, Mohamed A. H. and Mohamed A.A.** 2019. Characteristics and Classification of Soil Potential For Agriculture in the Tash District Within the Dry Agricultural Zone in Anbar Province of Iraq. Plant Archives 19(1): 859-869. http://www.plantarchives.org/PDF%20SUPPLEMENT%202019/138_859-869.pdf
- Aldulaimy .S. E. H. Salman ,A. K. H., , Abood, M. A. A. and Hamdi, G.J.** 2019. Influence of Moisture Depletion and Surface Drip Irrigation Style on Some Soil Hydraulic Properties and Potato Crop. Journal of Agricultural Science Agraarteadus 2 * XXIX * :63-68. DOI: 10.15159/jas.19.09.
- Abood, M.A., Al-Shammary, A.M.A., and Hamdi, G.J.** 2019. Foliar Application of Tecamin Max® to Alleviate Water Deficit Effects On Yield and Water-Use Efficiency (WUE) of okra. Acta Sci. Pol. Hortorum Cultus, 18(2) :15–20. DOI: 10.24326/asphc.2019.2.2.
- Abood, M.A., Al-Shammary, A.M.A., and Hamdi, G.J.** 2018. Foliar application of Tecamin flower® to alleviate water deficit on vegetative growth and yield of tomato. International Journal of Vegetable Science 25(4):394-299. doi: 10.1080/19315260.2018.1535463.
- Al-Shammary, A.M.A., Abood, M.A., and Hamdi, G.J.** 2018. Foliar application of Tecamin max® to alleviate water deficit on vegetative growth and yield of okra. International Journal of Vegetable Science 25(3):278-284. doi: 10.1080/19315260.2018.1509922.
- Al-Mehmdy, Sh. M. H., Aldulaimy .S. E. H. and Aljanabi, M. A. A.** 2019. Impact of surface drip irrigation manners and allowed moisture depletion percent on potato growth and yield, International Journal of Vegetable Science, 25:5, 503-510, DOI: 10.1080/19315260.2018.1547344.

- Essa,N.H.,Anjal,S.A., and Abood,M.A.**2019. Effect of Variety and Spraying With Seaweed and Color of Plastic Cover on Growth and Yield of Potato (*Solanum tuberosum* L.) on Autumn Lug. Journal of Agricultural, Environmental and Veterinary Sciences 3(4):1-17. <https://www.ajsrp.com/journal/index.php/jaevs/article/view/2013/1921>.
- Al-Mehmdy,Sh. M. H., Abood, M. A., and Alkhateb, B.A.A.H.**2020. Performance Field Evaluation of Drip Irrigation Systems Under Conditions of the Desert Region in Western Iraq. Iraqi Journal of Agricultural Sciences 51(1):392-400. <http://jcoagri.uobaghdad.edu.iq/index.php/intro/article/view/938/702>.
- Bader,B.R., Abood,M.A., Aldulaimy .S. E. H., Al-Mehmdy ,Sh. M. H., and Hamdi, G.J.**2020.Effect of water deficit and foliar application of amino acids on growth and yield of eggplant irrigated by two drip systems under greenhouse conditions. Journal of Agricultural Science Agraarteadus 2 * XXXI * :131-138. <https://doi.org/10.15159/jas.20.20>.
- Sallume, M.O., Abood, M. A., Hamdi, G.J., and Sarheed,B.R.** 2020. Influence of foliar fertilization of amino decanate® on growth and yield of eggplant (*Solanum melongena*) under water stress condition. Research on Crops 21(3) :557-562. [DOI : 10.31830/2348-7542.2020.087](https://doi.org/10.31830/2348-7542.2020.087).
- Al-Shammari, A.M.A., Abood, M.A., and Hamdi, G.J.** 2020. Improvement in Production, Fruit Quality and Water Use Efficiency of Three Tomato Cultivars by Foliar Application of Tecamin Flower® Under Water Deficit Conditions. Journal of Central European Agriculture 21(2): 379-385.[DOI: /10.5513/JCEA01/21.2.2604](https://doi.org/10.5513/JCEA01/21.2.2604).
- Fahmi, A.H. Sallume, M.O.,Aswad,H.A.,Abdulrahman,A.L., and Hamdi, G.J., Abood, M. A.**2020. Interaction effect of potassium fertilizer, humic acid and irrigation intervals on growth and yield of wheat. Research on Crops 21(1) :31-35. [DOI : 10.31830/2348-7542.2020.005](https://doi.org/10.31830/2348-7542.2020.005).
- Fahmi,A. H., Mohammed, K.G., Al-Esawi, G.SH.E. and Abood,M.A.** 2020. Using of Automation in irrigation Management and Climatic conditions for Plant Production . Global Journal of Multidisciplinary Scientific Research 1(3):92-98. <https://drive.google.com/file/d/1rVOrbQS4SeQScY74ezlgftH5UZeHz7sO/view>.
- Issa,N. H. Anjal,S. A., and Abood, M. A.**2020. Effect of variety and spraying with seaweed and plastic cover on some vegetative

growth properties and yield on autumn lug. Diyala Agricultural Sciences Journal 12(Special issue):121-135.
<https://www.iasj.net/iasj/download/d7b671280c099492>.

Bader,B.R., Taban, S.K., Fahmi, A.H., Abood, M. A., and Hamdi, G.J.2021. Potassium availability in soil amended with organic matter and phosphorous fertiliser under water stress during maize (*Zea mays L*) growth. Journal of the Saudi Society of Agricultural Sciences 20(2021):390-394.
<https://doi.org/10.1016/j.jssas.2021.04.006>.

Gar, L.F., Bader,B.R., Al-Esawi,J.S.E., Abood, M. A., Sallume, M.O., and Hamdi, G.J.2021. Response of onion growth and yield grown in soils of semi-arid regions to foliar application of iron under water stress conditions. Journal of Agricultural Science Agraarteadus 1 * XXXII * :35-40. <https://doi.org/10.15159/jas.21.06>.

Sabri,S.M., Al-Hamdani,S.A. and Abood, M. A. 2021. Effect of water stress, ascorbic acid and compost seek in the growth and yield of cabbage (*Brassica oleraceavar capitata L.*). Indian Journal of Ecology 48(18):

Ahmed,U.A., Abood, M. A., and Najemalden, M.A.2021. Quality Assessment of Groundwater Using Water Quality Index In and around Kirkuk city, Iraq. International journal of agricultural and statistical sciences 17(1):985-991.
http://www.connectjournals.com/toc2.php?abstract=3456901H_985-991a.pdf&&bookmark=CJ-033252.

Ahmed,U.A., Fahmi, A.H., Abood, M. A., and Najemalden, M.A.2021. Assessment of pollution and heavy metals hazards in Kirkuk city. International journal of agricultural and statistical sciences 17(1):967-975.
http://www.connectjournals.com/toc2.php?abstract=3456701H_967-975a.pdf&&bookmark=CJ-033252.

Al-Mehmdy ,Sh. M. H., Gar, L.F., and Abood, M. A.2021. Effect of irrigation uniformity values on water depths for center pivot sprinkler irrigation system. International journal of agricultural and statistical sciences 17(1):1305-1309.http://www.connectjournals.com/toc2.php?abstract=3461001H_1305-1309a.pdf&&bookmark=CJ-033252.

Ahmed,U.A., Abood, M. A., and Najemalden, M.A.2021. Evaluation of Groundwater Wells of Kirkuk City in Kirkuk Governorate for Drinking, Irrigation and Industrial Uses. Indian journal of ecology 48 (13 Special Issue): 90-95.
http://indianecologicalsociety.com/society/wpcontent/uploads/2021/11/S_P-13-protected.pdf.

Al-Zubaidi,M.S.K, B.R.Bader,M.A.Abood,G.J.Hamdi and Al-

Afraji,H.R.J.2021. Effect of solid and liquid chelated iron on growth and yield of broad bean. Journal of Agricultural Science Agraarteadus 2 * XXXII * :188-194.
<https://dx.doi.org/10.15159/jas.21.42>

Aziz, A.F. and Abood, M.A.2022. Reducing the Effect of Water Stress Using Potassium Sulfate and Nano-Calcium and its Relationship to Selected Parameter of Eggplant Crop Growth and Yield. Indian journal of ecology 48(19):

Khudair, M.R. and Abood, M.A.2022. Effect of Irrigation Intervals and Type of Fertilizer on Some Growth and Yield Parameters of Mung bean (*Vigna Radiata L.*) Under The Drip Irrigation System. Indian journal of ecology 48(19):

Al-Zubaidi, M.S.K, Bader, B.R., AlAlawi, H.H, Abood, M.A., Al-Afraji,H.R.J. and Akram,Z.H.2022. Effect of Adding Antisaline and Marine Algae on the Vegetative Growth Characteristics of Cauliflower, Mica Cultivar. Latin American Journal of Biotechnology and life sciences.

• **عضوية الجمعيات والهيئات:**

- عضو جمعية علوم التربية
- عضو مركز الابتكار والإبداع العراقي (منتدى المخترعين)
- عضو نقابة المعلمين
- عضو نقابة المهندسين الزراعيين

الشهادات التقديرية وكتب الشكر:

- كتاب شكر عدد 3 من وزير التعليم العالي
- كتاب شكر عدد 10 من رئيس الجامعة
- كتاب شكر عدد 20 من عميد كلية

المهارات الأخرى:

- استخدام Microsoft Word, Excel, PowerPoint