



Curriculum vitae



Prof. Dr. Asmaa Mohammed Adil
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College of Agriculture and Forestry
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Education

Certificate	Specialization	Graduation Year	University
B. Sc.	Horticulture	1994	University Of Mosul / College of Agriculture and Forests / Iraq
M.Sc.	Horticulture / Ornamental Plants	1999	University Of Mosul / College of Agriculture and Forests / Iraq
Ph.D.	Horticulture & Landscape Design/ Ornamental Plants	2006	University Of Mosul / College of Agriculture and Forests / Iraq

My (M.Sc. and Ph.D.)

1. **M.Sc.** (Effect of planting date and method of breeding on the production of flowers of two cultivars of cloves)

تأثير موعد الزراعة وطريقة التربية في انتاج ازهار صنفين من القرنفل

2. **Ph.D.** (Effect of shading, gibberellic acid and microelements on the growth, chemical and anatomical composition of *Ficus elastica* Roxb. var. *decora* plants)

تأثير التظليل وحامض الجبرليك والعناصر الصغرى في النمو والتركيب الكيميائي والتشريحي لنبات المطاط

Ficus elastica Roxb. var. *decora*

Areas of Interest

- 1- **The specialty in which the teacher works:** Principles of Horticulture , Ornamental Plants , Plant Anatomy
- 2- **Specializations Within The Interest And Follow-Up Of The Teacher:** Plant Ecology , Landscape , Plant Growth Regulators , Botany
- 3- **Other Specializations Close To The Teaching Specialization:** Medicinal & Aromatic Plants , Plant Tissue culture

Professional Qualification/ Membership/ Affiliation

- 1- Registered as membership of Agricultural Engineers since 1994.
- 2- Member in the Teaching Association in Mosul/ Iraq 2006.
- 3- Member in the academic teaching union in Mosul/ Iraq 2006.
- 4- Member in Flower Galleries 200 - 2002
- 5- Member of the Committee for the Examinations 1999 . 2014 , 2015 & 2020 in the Faculty of Agriculture
- 6- Member of the Committee for the Examinations and Assist. supervisor in the Faculty of Agriculture / University of Kirkuk 2018-2019 in the Faculty of Agriculture and Forestry.
- 7- Member of the Committees for Continuing Education Courses for State Departments in the Department of Horticulture and Landscaping 2012
- 8- Member of the Quality Committee in the Department of Horticulture and Landscape Engineering since 2012-2014
- 9- Member of the Scientific Committee in the Department of Horticulture and Landscape Engineering 2020-2022.
- 10- Head Master Assistant of the Department of Horticulture and Landscape Architecture 2017-2019.
- 11- Head Master of the Department of Horticulture and Landscape Engineering 2022

Certificates of Appreciation

1. Certificate of passing the efficient use of the computer (the computer) and the different regulations in 1995 from the Center for Computer University of Mosul / Iraq.
2. Certificate of passing the living languages (English language) in 1998 & 2014 from the English Department / Faculty of Arts / University of Mosul / Iraq & Holding TOFIL certificate in 2007.
- 3- Certificate of Patent (design and manufacture of (AL-ARKAN) agricultural machine for potato lifting) on 2019
- 4- Certificate of Patent (Design And Manufacture Of A Natural Ventilation System To Control The Internal Environment Of The Plastic Greenhouse) On 2021.

Appointment

1. Appoint as Faculty membership 1994.
2. Appoint Assist Lecturer since 1999 , Lecturer since 2006 , Assist. Prof. since 2014 & Prof. since 2022.

Publications

- 1- Al Sawaf & Asmaa Mohammed Adil (2003). Effect Of Planting Date and Bringing Up Method On The Productivity Of Two Varieties Of Dianthus Caryophyllus L.. Tikrit Journal For Agricultural Sciences. Vol (3) No. (5) P.P.36-40.
- 2- Altmeme, Zeinab A. M.; Asmaa Mohammed Adil & Sabah G.Sh Bajlan (2008). The effect of Gibberlic acid and Kinetin on seed germination and seedling growth Acacia cynophylla L. . Al-Qadisiyah Journal of Pure Science, Vol. (1), No.(1), p.p 34-43.
- 3- Al-Layla, Asma'a M. A. ; Ammar O. Al-Atrakchii & Salim M. Al-S (2009). Effect Of Shading, Gibberellic Acid And Micronutrients On Anatomical Structure Of Ficus Elastica Roxb. Var. Decora Leaves. First Scientific Conference Of Biological Science, For the Period 22-23 April. p.p 5-16.

- 4- Al-Layla, Asma'a M. A. ; Ammar O. Al-Atrakchii & Salim M. Al-S (2010). Effect Of Shading, Gibberellic Acid And Micronutrients On Some Chemical Composition Characters Of Indian Rubber Plant *Ficus Elastica* Roxb. Var. Decora. *Mesopotamia Journal Of Agriculture*. Vol.(38), No.(1) , Pages 16-26.
<https://www.iasj.net/iasj/article/27740>
<https://www.iasj.net/iasj/download/64e8cca4f7d63ab6>
- 5- Al-Layla, Asma'a M. A. ; Ammar O. Al-Atrakchii & Salim M. Al-S (2010). Effect Of Shading, Gibberellic Acid And Micronutrients On Some Vegetative And Root Growth Characters Of Indian Rubber Plant *Ficus Elastica* Roxb. Var. Decora. *Mesopotamia Journal Of Agriculture*. Vol.(38), No.(1) , Pages 4-15.
<https://www.iasj.net/iasj/article/27741>
<https://www.iasj.net/iasj/pdf/6b3bd24673c2e6d9>
- 6- Adil, Asmaa Mohammed (2012).An Evaluation For Some Methods Of Measuring Leaf Area For A Group Of Ornamental Plants & Compare It With Traditional Methods. *Journal Of Kirkuk University For Agricultural Sciences*. Vol.(3),No.(1), Pages 1-7.
<https://www.iasj.net/iasj/article/33420>
<https://www.iasj.net/iasj/pdf/42fe75f546ae583f>
- 7- Al-Taae, Ali Kareem ; Huda Hazim Al-Taae & Asmaa Mohammed Adil (2013). Preliminary Study On Fressia Rot And Wilt. *Mesopotamia Journal Of Agriculture*. Volume (41), No(1) , Pages 303-313.
<https://portal.arid.my/en/Publications/Details/19083>
https://www.researchgate.net/publication/332910160_PRILIMINARY_STUDY_ON_FRESSIA_ROT_AND_WILT
- 8- Adil, Asmaa Mohammed & Jihan Yahya Kasim (2014). Effect Of Gibberellic acid, Spraying Micronutrient & Ascorbic acid in the Vegetative Growth & Flowering of *Freesia hybrida* L. cv. Prominence. *Journal Of Kirkuk University For Agricultural Sciences*. Vol.(5),No.(1), Pages 50-64.
<https://www.iasj.net/iasj/article/90519>
<https://www.iasj.net/iasj/download/a5eab1656512acf9>
- 9- Al-Atrakchii , Ammar Omer ; Hala Abdel-Rahman & Asmaa Mohammed Adil (2017). Response Of Snapdragon Plants *Anterhinum Majus* To Pinching, Spraying With Calcium And Boron. *Mesopotamia Journal Of Agriculture*. Volume (45), No(3) , Pages 97-108.
<https://www.iasj.net/iasj/article/187062>
<https://www.iasj.net/iasj/download/d3a750ea38388a3c>
- 10- Adil , Asmaa Mohammed (2014). Effect Of Spraying Gibberellic Acid And Different Levels Of Urea In Vegetative Growth And Chemical Content For *Ficus Elastica* Roxb. Var. Decora Plant. *Tikrit Journal For Agricultural Sciences*. Vol (XX) No. (XX) P.P. XX-XX.
- 11- Al Bakkar , Alaa H. A.-Q. & Asmaa Mohammed Adil (2018). Effect Of Planting Date, Bulb Weight & Marine Algae Extract *Ascophyllum Nodosum* In The Growth Of *Narcissus* Bulbs. III International Scientific Conference for Agricultural Sciences – for the period 7-8 November . *Journal Of Kirkuk University For Agricultural Sciences*. Supplement vol. p.p.557-570.

<https://www.iasj.net/iasj/article/160286>
<https://www.iasj.net/iasj/download/f808b4bb125c8e53>

12- J., Aytan J. Shaker, Asmaa M. Adil & Osamah I. Ahmed (2019). Effect Of IBA and Pine Bark As Media On The Rooting Of Neruim Oleander. Journal of kirkuk University for Agricultural Sciences .Vol (10) No. (1) p.p. 62-74.

<https://www.iasj.net/iasj/download/013519e58811b916>
<https://www.iasj.net/iasj/article/160637>

13- Ahmed, Osamah Ibrahim, Asmaa Mohamed Adil & Aytan Jaleel Jalal (2019). Effect of IBA and Pine Bark as Media on the Rooting and Growth of Ficus Nitida. CPQ Nutrition J. Vol. (3) No.(3), page 1-9.

<https://www.cientperiodique.com/journal/fulltext/CPQNN/3/3/56>

14- Hameed, Raghad L. & Asmaa M. Adil (2019). Effect Of Wounding, Auxins And Cinnamon Extract On The Rooting And Vegetative Growth Characteristics Of Bottle Brush Plant (*Melaleuca Viminalis* L.) Cuttings. Scientific J. Flowers & Ornamental Plants, 6(2):105-111.

doi: [10.21608/sjfop.2020.70777](https://doi.org/10.21608/sjfop.2020.70777)
https://sjfop.journals.ekb.eg/article_70777.html

15- Hameed, Ragad .L. & Asmaa M. Adil (2019). Study The Effect Times Of Planting And Different Root Solution Of Auxin On Rooting Cutting Bottle Brush (*Melaleuca Viminalis* L.). Mesopotamia Journal Of Agriculture. Volume 47, Supplement Issue 2 , Pages 138-150

<https://www.iasj.net/iasj/download/690646154f70b0ec>

16- Hamza, Manar Abdullah; Asma Mohamed Adel & Osama Ibrahim Ahmed (2020). The effect of spraying with nan iron and gibberellic acid on the chemical traits of Moringa oleifera seedlings growing in two agricultural medium. Euphrates Journal of Agriculture Science-12 (2): 456-472.

<https://search.emarefa.net/en/detail/BIM-1221304-the-effect-of-spraying-with-nan-iron-and-gibberellic-acid-on>

17- Osman, Alaa Sabah & Asmaa Mohammed Adil (2021). The Role of Proline and Nano-Fert in Growth of Pelargonium (*Pelargonium graveolens* L.) Under Different Irrigation Period. East African Scholars J Agri Life Sci, 4(1), 15-24.

DOI:[10.36349/easjals.2021.v04i01.003](https://doi.org/10.36349/easjals.2021.v04i01.003)
https://www.easpublisher.com/media/features_articles/EASJALS_41_15-24_FT_c_0WhkBm0.pdf

18- Hameed, Ragad .L. & Asmaa M. Adil (2021).The Evaluation of Auxins level in Plant Bottle brush (*Callistemon viminalis* L.) cuttings. International Journal of Agricultural and Statistical Science. Vol. (17) No. (1), 103-111.

DOI: [10.21608/SJFOP.2020.70777](https://doi.org/10.21608/SJFOP.2020.70777)
https://sjfop.journals.ekb.eg/article_70777.html

19- Adil, Asmaa Mohammd; Ebtisam Esmaael Ahmed; Angham Talal Al-Chalabi & Ali Farouq Al-Ma'athedi (2021). The effect of planting time and corms treatment with gibberellic acid on growth, flowering, and vase life of *Freesia hybrida* 'Corona'2219. Journal of Horticultural Research. Vol. (29) No. (2), 23-30.

DOI: [10.2478/johr-2021-0011](https://doi.org/10.2478/johr-2021-0011)

<https://sciendo.com/pdf/10.2478/johr-2021-0011>

- 20- Adil, Asmaa, Mohammmd &Alaa Hussein Abdel Qader Al-Bakkar (2021). Effect Of Some Treatments And Planting Dates On The Growth And Germination Of Iris Plant (*Iris Reticulatae*). Int. J. Agricult. Stat. Sci. Vol. 17, Supplement 1, pp. 1711-1721.

<https://connectjournals.com/03899.2021.17.1711>

[https://www.researchgate.net/profile/Asmaa-](https://www.researchgate.net/profile/Asmaa-Ma/publication/358875602_EFFECT_OF_SOME_TREATMENTS_AND_PLANTING_DATES_ON_THE_GROWTH_AND_GERMINATION_OF_IRIS_PLANT_IRIS_RETICULATAE/links/6219d8726051a16582f99e0a/EFFECT-OF-SOME-TREATMENTS-AND-PLANTING-DATES-ON-THE-GROWTH-AND-GERMINATION-OF-IRIS-PLANT-IRIS-RETICULATAE.pdf)

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- 21- Abd al-majeed, Dalal Kamal Al-deen &Asmaa, Mohammmd Adil (2021). Effect of growing media , fertilizer treatments and spraying with gibberellic acid on some of the chemical composition characters of *Ruscus hypoglossum* L.. Int. J. Agricult. Stat. Sci. Vol. 17, Supplement 1.

Conference Proceedings

- 1- National Conference on Plant Production (Horticulture) / College of Agriculture / University of Tikrit 2002.
- 2- The first scientific conference for life sciences / College of Science / University of Mosul 2009
- 3- The second scientific conference of the College of Agriculture and Forestry, Department of Plant Protection, University of Mosul / 2014
- 4- The Second International Conference on Horticultural Sciences at the University of Mosul / College of Agriculture and Forestry 2014
- 5- The Third International Scientific Conference for Agricultural Sciences at the University of Kirkuk from 7-8 November 2018
- 6- The Third International Agricultural Conference of the College of Agriculture and Forestry - University of Mosul, which was held in Dohuk from 2-3 October 2019.
- 7- The Fourth Agricultural International Conference for the period from 10-11 January/2023 Mosul University, Agricultural & Forestry Collage.

Supervisor for Students of M.Sc. and Ph.D.

- 1- **Aytan Jaleel Jalal Shaker (Msc.)**. (Effect of IBA and Some Growth Media On The Rooting And Growth Of *Ficus nitida* And *Nerium oleander*).
- 2- **Raghad L. Hameed (Msc.)**. (Effect of planting dates , wounding , auxins and cinnamon extract on the rooting of Bottle brush *Melaleuca viminalis* L.).
- 3- **Ala'a Sabah Osman Goyi (Msc.)**. (Effect of water stress, proline and nano fertilizer Optimus plus on growth of pelargonium plant *Pelargonium graveolens* L'Herit.).
- 4- **Manar Abdullah Hamza (Msc.)**. (Effect Of Nano Iron And Gibberllic Acid On Growth And Rooting Of Moringal Seedling *Moringa oleifera* Grown In two Growing Media).

- 5- Dalal Kamal Al-Deen Abd Al- Majeed (Msc.).** (Evaluation of growing media, gibberellic acid spraying and level fertilizer on growth of *Ruscus hypoglossum* L. plant)
- 6- Shereen Gazi Mahmood (Msc.).** (The effect of bio-fertilizer, aloe vera gel and corm size on the characteristics of vegetative and flowering growth and corm yield of *Freesia hybrid* L. plant)
- 7- Zaynab Mahmood Mohamed (Msc.).** (Effect of shading and compound fertilizer NPK & Gibberellic Acid in the characteristics of vegetative and flowering growth for *Celosia cristata* cv. Red Velvet)