

## CURRICULUM VITAE

Name: Tahsein Abdulaziz Mohammadamein  
Position: Lecturer at Salahaddin University, College of Agriculture Engineering Sciences,  
Dept. of Plant Protection  
E- Mail: [tahsin.mohammad@su.edu.krd](mailto:tahsin.mohammad@su.edu.krd)  
Phone: 0750 7422500

### Academic degrees:

- 1988. PhD in Plant Pathology (Poznan/ Poland).
- 1984. Master of Science in Plant Pathology (Poznan/ Poland).
- 1981. Bachelor of Science /Plant Pathology/ (Alexandria/ Egypt).

**Title of PhD thesis:** “Etiology and ecology of root and stem base diseases of wheat”

**MSc thesis:** “Susceptibility of two seed- potatoes varieties to bacteria *Erwinia carotovora* ssp *atroseptica* infection and occurrence of other diseases”.

### Employment:

- Lecturer at Salahaddin University, College of Agriculture.
- Researcher at Swedish University of Agricultural Sciences (SLU). Sweden
- Researcher at Goteborg’s University. Sweden
- Researcher and project leader at The Mase laboratories (MASE – Microbial Activity for a Sound Environment) Research Company. Sweden
- Product development manager at Bio Agri AB. Research Company. Sweden
- Consultant and adviser private companies.

### Qualifications:

#### Teaching:

- Undergraduate and postgraduate teaching
- Responsible for postgraduate courses

#### Subjects:

- Field crop diseases.
- Microbiology.
- Advance Microbiology.
- Bacteriology.
- Phytobacteriology.
- Ornamental diseases.

**M. Sc. student's supervisor:**

1. Investigation and Biological Control of Wheat Fusarium- Diseases in Kurdistan Region (completed 2015).
2. Fire blight of Pear (*Erwinia amylovora*) in Kurdistan/ Erbil Province: Identification, Characterization, Geographical Distribution and its Control (2017).
3. Tomato bacterial spot disease (*Xanthomonas campestris pv. Vesicatoria*) in southern region of Kurdistan/Erbil province; Identification, Characterization, Geographical Distribution and Control (2018).
4. Identification of the most important pomegranate diseases in Kurdistan region and their biocontrol possibility

Committee member for M.Sc. and Ph.D. students' examination.

Member of committees in the Dept.:

- Department leadership comity
- Scientific comity
- Seminars comity
- Plant diseases comity
- Scientific examinations comity

**International collaboration experience**

- Participate in European Union (EU) project internationally during my work with EU- financed project (STOVE) "seed treatments for organic vegetable production" there beside researchers from different institutes and universities from five different member countries (Germany, the Netherlands, Great Britain, Italy and Sweden) also some seed companies were participated.
- Teacher's exchange (Erasmus program), Sweden - Poland

**IT qualifications:**

Microsoft Word  
Microsoft Excel  
Microsoft Power Point  
Internet

**Languages:**

Kurdish (mother tunge)  
Arabic  
English  
Polish  
Swedish

## Research publications:

- Raghad A. Othman, **Tahsein A.M. Amein** (2023). First report of (*Enterobacter cloacae*) causing the brown leaf spot disease on Pomegranate (*Punica granatum* L) in Erbil province. Tikrit Journal for Agricultural Sciences. Accepted
- Tahsein A.M. Amein**. (2023). Alternative seed treatment methods for control of *Septoria petroselini* on Parsley seed. International Journal of Phytopathology [IJPP]. Accepted
- Tahsein A.M. Amein**. (2023). Differences among three wheat cultivars in susceptibility to *Fusarium culmorum*, and the effect of a number of bacterial strains on infested seed germination. ZANCO Journal of Pure and Applied Sciences. Accepted
- Tahsein A. M. Amein**, Kamalaldeen M. Fatah. (2022). Evaluation of *Pseudomonas* and *Bacillus* Strains as Potential Biocontrol Agents against *Fusarium* Wilt of Chickpea. ZANCO Journal of Pure and Applied Sciences. ISSN (print):2218-0230, ISSN (online): 2412-3986, DOI: <http://dx.doi.org/10.21271/zjpas>.
- Frishta F. Abdurrahman., Khalid M. Ahamed., **Tahsein A. M. Amein**. (2020). Comparison among various control methods of Tomato Bacterial Spot disease (*Xanthomonas campestris* pv. *Vesicatoria*). Raf. J. Sci., Vol. 29, No.1, pp. 20-28.
- Tahsein A.M. Amein**., Ramadan Y. Mohamed., Aram N. Husein (2019). Investigation and detection of Fire Blight disease on Pear caused by *Erwinia amylovora* in Erbil province. Raf. J. Sci., Vol.28, 4, pp.22 – 28.
- Hussain. A., Mohammad R., **Amein T**. (2019). Biological control of Fire Blight Disease on Pear Caused by *Erwinia amylovora* in Erbil Province/Iraq. Tikrit Journal for Agricultural Sciences. 19 (3): 65 – 71.
- T. Amein**, S. A. I. Wright, M. Vikström, E. Koch, A. Schmitt, D. Stephan, F. Tinivella, M. L. Gullino, G. Forsberg, M. Jahn, S. Werner, S. J. Roberts, J. van der Wolf, S. P. C. Groot. (2011). Evaluation of non-chemical seed treatment methods for control of *Alternaria brassicicola* on cabbage seeds. Journal of Plant Diseases and Protection, 118 (6), 214–221).
- Eckhard Koch, Annegret Schmitt, Dietrich Stephan, Carola Kromphardt, Marga Jahn, Hermann Josef Krauthausen, Gustaf Forsberg, Sigrid Werner , **Tahsein Amein**, Sandra A.I. Wright, Federico Tinivella, Maria L. Gullino , Steven J. Roberts , Jan van der Wolf, Steven P.C. Groot. (2010). Evaluation of non-chemical seed treatment methods for the control of *Alternaria dauci* and *A. radicina* on carrot seeds. European J. of Plant Pathology. 127: 99 – 112.
- A. Schmitt, E. Koch, D. Stephan, C. Kromphardt, M. Jahn, H.-J. Krauthausen, G. Forsberg, S. Werner, **T. Amein**, S.A.I. Wright, F. Tinivella, J. van der Wolf & S. P.C. Groot (2009). Evaluation of non-chemical seed treatment methods for the control of seed-borne infections by *Phoma valerianellae* on lamb`s lettuce. Journal of Plant Diseases and Protection, 116, 200 - 207.
- Federico Tinivella, Lucia M. Hirata, Mikael A. Celan, Sandra A. I. Wright, **Tahsein Amein**, Annegret Schmitt, Eckhard Koch, Jan M. van der Wolf, Steven P. C. Groot, Dietrich Stephan, Angelo Garibaldi and Maria Lodovica Gullino (2009). Control of seed-borne pathogens on legumes by microbial and other alternative seed treatments. European J. of Plant Pathology. 123: 139 – 151.
- T. Amein**, Z. Omer and C. Welch (2008). Application and evaluation of *Pseudomonas* strains for biocontrol of wheat seedling blight. Crop Protection 27, 532–536.
- S. Wright, **T. Amein**, G. Forsberg and M. Wikström (2007). Behandling av köksväxtfrö. Potatis & Grönsaker, 20: 32-33.

- T. Amein**, (2006). Soil- borne Pathogens Infecting Sugar Beet in Southern Sweden. *Plant Pathology Journal* 5(3): 356- 361.
- T. Amein**, C. H. B. Olsson, M. Wikström and S. A. I. (2006). First Report in Sweden of Downy Mildew on Parsley Caused by *Plasmopara petroselini*. *Plant Dis.* Vol.90. (1).
- Tinivella, F., Gullino, M.L., **Amein, T.**, Wright, S., van der Wolf, J., Schmitt, A., Koch, E. 2004. Evaluation of microorganisms, plant extracts and other agents of natural origin as seed treatments for vegetables in organic farming. *Mitteilungen aus der Biologischen Bundesanstalt für Land- und Forstwirtschaft* 396, p. 486-487.
- Schmitt, A., **T. Amein**, F. Tinivella. J. van der Wolf, S. Roberts, S. Groot, M. Lodiviac Gullino, S. Wright & E. Koch. 2004. Control of seed-borne pathogens on vegetables by microbial and other alternative seed treatments. In: E. Lammerts van Bueren, R. Ranganathan & N. Sorensen (ed). *The first world conference on organic seed: Challenges and opportunities for organic agriculture and the seed industry*: 121-123.
- Amein T.**, Weber Z. 2002. Seed treatment with strains of *Pseudomonas fluorescens* as potential biocontrol agents of wheat take-all. *Journal of Plant Diseases and Protection*.109 (6), 655 – 661.
- Weber Z., **Amein T.** 1990. Pathogenic fungi obtained from infected roots and stalks base of wheat. *Acta Mycol.* 26 (1): 109 – 117.
- Amein T.** 1989. Susceptibility of selected spring cereals variety to *G. graminis var. tritici*. *Hodowla Ros`lin i Nasiennistwo*. 2: 11 – 14.
- Amein T.** 1989. The effects of different factors on wheat root and foot infection by *G. graminis var. tritici* and species of *Fusarium*. *Postepy Nauk Rolniczych*. Nr. 4 / 5 / 6: 29 – 40.
- Amein T.** 1988. The effect of fore crop, it's irrigation and temperature on wheat root and Foot infection by *G. graminis var. tritici* and species of *Fusarium*. *Rocznik Nauk Rolniczych, Se. E, T. 18, Z. 2.* 131 – 151.
- Amein T.** 1988. Occurrence of soil fungi in wheat cultivation and their effects on *G. graminis var. tritici* in vitro conditions. *Rocznik. Nauk Rolniczych, Se. E, T. 18, Z. 2.* 153 – 160.
- Amein T.** 1988. Effect of chemical seed treatment on limiting wheat roots and stem base infection by *G. graminis var. tritici* and *Fusarium spp.* *Rocznik. Nauk Rolniczych, Se. E, T. 18, Z. 2* 161 – 169.
- Amein T.**, Weber Z. 1986. Susceptibility of two potato varieties to infection by bacteria *Erwinia carotovora ssp. atroseptica* and occurrence of other diseases. *Hodowla Ros`lin. (1 - 3).* S. 21 – 24.

### **Conferences & Workshops:**

- T. Amein**, K. Ahmed and F. Farhan. 2019. Study of Tomato Bacterial Spot disease (*Xanthomonas campestris pv. Vesicatoria*). in Erbil Province –Kurdistan Region. First International Conference of Agriculture sciences. Salahaddin University- Erbil, College of Acriculture Engineering Science. 6 – 7 November. Erbil. Kurdistan. Iraq.
- T. Amein**, N. Leelarasamee, A. Johansson and J. Meijer. 2012. Control of soilborne pathogens in oilseed rape by seed priming with plant growth promoting rhizobacteria (PGPR). Towards Integrated Biological Control. Centre for Biological Control (CBC) inauguration symposium. Uppsala, Sweden, April 19-20.
- Sarosh Bejai, Anna Johansson, Natthanon Leelarasamee, Dana Tarkowska, Miraslav Strand, **Tahsein Amein** and Johan Meijer (2012) Role of Brassinosteroids in beneficial bacteria mediated priming of plants for stress tolerance. CBC symposium (Towards Integrated Biological Control), Uppsala, Sweden, April 19 -20.

- Johan Meijer, Sarosh Bejai, Anna Johansson, Shashidar Asari, Natthanon Leelarasamee, **Tahsein Amein**, Adnan Niszi, Shahid Manzoor and Erik Bongcam-Rudloff. (2012). Improving stress tolerance of plants using beneficial bacteria. Towards Integrated Biological Control. Centre for Biological Control (CBC) inauguration symposium. Uppsala, Sweden, April 19-20.
- Johan Meijer, Anna Johansson, Shashidar Asari, **Tahsein Amein**, Ingrid Eriksson, Gunilla Swärdh, Natthanon Leelarasamee and Sarosh Bejai. 2012. Improving stress tolerance of plants using beneficial soil bacteria. Nordic Association of Agricultural Scientists. NJF Report • Vol 8 • No 2 • NJF Seminar 449- Biotic soil factors and plant growth, Uppsala, Sweden, 15-16 March 2012.
- Tahsein Amein** and Johan Meijer. 2011. Biocontrol of Oilseed Rape (*Brassica napus*) against Pathogens and Pests using *Bacillus amyloliquefaciens*. Poster. PR- proteins workshop 'PR-Proteins and Induced Resistance against Pathogens and Insects', University of Neuchâtel, Switzerland, 4 - 8 September 2011
- Amein, T.**, S.A.I. Wright, M. Wickström, A. Schmitt, E. Koch, J. van der Wolf, S.P.C. Groot, S. Werner and M. Jahn. 2006. Non- chemical methods of seed treatment for control of seed-borne pathogens on vegetables. In: proceedings of the European Joint Organic Congress, 30-31 May 2006 in Odense, Denmark. Eds. Andreasen C.B., L. Elsgaard, L. S. Soensen and G. Hansen. p 412-413.
- Robert, S. J., **Amein, T.**, Forsberg, G., Kromphardt, C., Koch, E., Schmitt, A. and Werner, S. (2006) Physical and biological seed treatments for control of bacterial diseases of carrots and brassicas caused by *Xanthomonas* spp. In *1<sup>st</sup> International Conference on Plant Pathogenic Bacteria, Edinburgh, 10-14 July 2006*.
- Schmitt, A., M., Jahn, C. Kromphardt, H.J. Krauthausen, S.J. Roberts, S.A.I. Wright, **T. Amein**, G. Forsberg, F. Tinivella, M.L. Gullino, M. Wikström, J. van der Wolf, S.P.C. Groot, S. Werner and E. Koch. 2006. STOVE: Seed treatments for organic vegetable production. In: proceedings of the European Joint Organic Congress, 30-31 May 2006 in Odense, Denmark. Eds. Andreasen C.B., L. Elsgaard, L. S. Soensen and G. Hansen. p 414-415.
- T. Amein**, Z. S.Omar and C. Welch (2005). Application of *Pseudomonas* spp. to winter wheat as biological control agents against *Microdochium nivale*. The Third International Conference of Plant Protection Research Institute. Cairo – Egypt. 26 – 29 Nov. 2005. (Poster).
- Robert, S. J., Koch, E., Schmitt, A. and **Amein, T.** (2005) Screening biocontrol agents for control of seedborne bacterial pathogens of carrots and brassicas. In *1<sup>st</sup> International Symposium on Biological Control of Bacterial Plant Diseases, Darmstadt, October 23 – 26, 2005*.
- Schmitt, A., **Amein, T.**, Wright, S.A.I., Tinivella, F., Gullino, M.L. Van der Wolf, J.M., Groot, S.P.C., Roberts, S., Jahn, M., Kromphardt, C., Forsberg, G., Werner, S., Wikström, M, Krauthausen, H.J. and Koch, E. 2005. Gemüsesaatgutbehandlungen für den Ökologischen Landbau. National Symposium for Phytomedicine and Plant Protection of vegetables, Wien, abstract.
- Schmitt, **T. Amein**, F. Tinivella, J. van der Wolf, S. Roberts, S. Groot, M. L. Gullino, S. Wright and E. Koch: 2004. Control of seed-borne pathogens on vegetables by microbial and other alternative seed treatments. IFOAM 1<sup>st</sup> World congress on organic seeds. 5<sup>th</sup> to 7<sup>th</sup> July, Rome, Italy.
- Tinivella, F., Gullino, M.L., **Amein, T.**, Wright, S., van der Wolf, J., Schmitt, A., Koch, E. 2004. Evaluation of microorganisms, plant extracts and other agents of natural origin as seed treatments for vegetables in organic farming. 54<sup>th</sup> German Plant Protection Conference. 20<sup>th</sup> - 23<sup>th</sup> September, Hamburg, Germany.

**Amein T.** 1999. Biological control of *Microdochium nivale* and *Fusarium* spp. In Turf grasses. (Poster), Xth Conference” Methods of estimation of biological agents in the protection of plants against soil- borne and leaf pathogens”. Skierniewice, Poland. 22 – 23 April.

### **Reports:**

**Amein T.**, Johnsson L. 2003. Biological means for controlling of leaf and ear diseases in cereals. Stiftelsen Lantbruksforskning. Report in Swedish. 15 p.

**Amein T** and Gerhardson B. 2001. Soil- borne diseases of sugar beet. Stiftelsen Lantbruksforskning. Report in Swedish. 16 p.

### **Funding and academic awards:**

- European Union (EU) project) “seed treatments for organic vegetable production” (Salary, fund for travel- meetings in participated countries and conference).
- Teacher’s exchange (Erasmus program) in Poland.