# Dr. -Ing. Amer K. A. Al-Neama

*Lecturer*

## Education

**2018**
Dr.-Ing. in Agricultural Systems and Technology from Technische Universität Dresden (TU Dresden), Germany.

**2003**
M.Sc. Degree in Agricultural Mechanization from University of Baghdad College of Agricultural, Iraq.

**1990**
B.Sc. Degree in Agriculture Mechanization from University of Mosul College of Agricultural and Forestry, Iraq.

## Work Experience

**From 1/7/2021 to 31/8/2021:** Visiting Researcher at the Chair of Agricultural Systems and Technology (AST)/ Technical University of Dresden, Germany.

**From 2006 – Till now:** Lecturer at University of Diyala, Iraq

## Presentations

Seminar about the pumps used in the agricultural field.

## Publications


Al-Neama, A. K., Stefan Schwede, & Herlitzius, T. (2022). Evaluation of adjustable tine wings under soil bin conditions. *LANDTECHNIK*, 77 (3): 79–85.

Al-Neama, A. K., Mousa A. Al-Jibouri & Essam L. Esmail (2021). The relationship between draft force and horizontal force acting on passive tillage tool in term of soil-tool interaction. A review. The 2nd Virtual International Scientific Agricultural Conference. IOP Conf. Series: Earth and Environmental: 735 012071

Al-Neama, A. K., & Herlitzius, T. (2019). Evaluating the quality of work for single chisel plow tines. *The 3rd Rendez-Vous Techniques AXEMA conference*. Paris, France, 211–224.

Al-Neama, A. K (2019). Evaluation of performance of selected tillage tines regarding quality of work, Springer-Verlag GmbH, DE

Al-Neama, A. K., & Herlitzius, T. (2018). Description of furrow shaping created by single standard tines. *Engineering in Agriculture, Environment and Food journal (EAEF)*, 11 (2) :43–50.

Al-Neama, A. K., & Herlitzius, T. (2017). Draft forces prediction model for standard single tines by using principles of soil mechanics and soil profile evaluation. *LANDTECHNIK*, 72 (3): 157–164.

Al-Neama, A. K., & Herlitzius, T. (2016). New regression model for predicting horizontal forces of single tines using a dummy variable and tine geometric parameters. *LANDTECHNIK*, 71 (5): 168–174.


## Contact


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Al-Neama, A. K., & Al-Fartusy, M. H. (2012). Study the effects of plowing depths and different speeds on some performance indicators of the machine unit. *Euphrates J.of agri. Scie.*, 4 (4): 162–168.

Al-Jubory, Riyadh A., Al-Neama, A. K., & Ali, A. M. A. (2012). Calculated fuel consumption and some mechanical parameters to New Holland TT75 front wheel assist tractor. *Diyala J. of Agri. Scie.*, 4 (2): 137–144.

Al-Neama, A. K., & Al- Jubory, R. A. (2011). Effect of using two types of Plowing by deferent depth on New Holland TT75 tractor performance, the 5th Scientific Conference College of Agriculture, Tikrit University, Iraq. *Tikrit J. of agri. Scie.*, 691-694.

Al-Neama, A. K., & Al- Jubory, R. A. (2011). Effects of depths and plowing Speed on disk plow triple body performance, the 12th Scientific Conference. Foundation of the technical education, Baghdad, Iraq. *Agri. And Veter. Research J.*, 1: 35–42.

Al-Neama, A. K. (2010). Effect of using 2WD and 4WD modes by different speed on New Holland TT75 FWA Tractor performance. *Diyala J. of Agri. Scie.*, 2 (2): 203–209.

Al-Neama, A. K., & Al- Jubory, R. A. (2009). Effect of different air pressure in Rear tire on New Holland TT75 FWA Tractors performance. *Diyala J. of Agri. Scie.*, 1 (2): 50–56.

## Professional Memberships

Member at the Agricultural Engineers Syndicate (Iraq)

## Honors and Awards

- **3 letters** of thanks from the Minister of Higher Education and Scientific Research.
- **5 letters** of thanks from the Presidency of University of Diyala.
- **7 letters** of thanks from the Deanship of the Faculty of Agriculture.

## Other Skills

- Statistical SPSS programs
- AutoCAD engineering drawing software