

Muaid Shaker Ali



Muaid S. Ali is a Assistant Professor of crop physiology, crop production, plant botany, and plant biotechnology in the Agriculture and Marshes College and an assistant lecturer of plant physiology in the Biology Department of the Science College. In addition, Researcher in Environment & Pollution Department and Soil & Water quality, Marshes Research Center at University of Thi-Qar. Specific interesting is including crop fertilizer management and crop physiology that includes water stress and temperature stress.

Personal Information

Working Date and Place:

Employment Dating: 19/02/2003 First Working Place: Science College/ Thi-Qar University.
Office Address ^{a, b}

a: Department Head of Agronomy, Agriculture & Marshes College, Thi-Qar University, Al-Nasiriyah, Thi-Qar, Iraq

b, Acting Dean of Agriculture & Marshes College, Thi-Qar University, Al-Nasiriyah- Thi-Qar - Iraq

Cell phone: (00964) 7808802969

E-mail: muaid-ali@utq.edu.iq
muaid.ali1972@gmail.com
muaid.ali@okstate.edu

Education

PhD	Place:	Oklahoma State University, USA
	Dissertation Chairman:	Dr. Jeff Edwards, jeff.edwards@okstate.edu , http://www.wheat.okstate.edu/ , http://www.osuwheat.com/
	Major Field:	Crop physiology and Production
	Completion Date:	July 26, 2013
	Dissertation Title:	Evaluating the response of teff [<i>Eragrostis tef</i> (Zucc.) Trotter] and hard red winter wheat (<i>Triticum aestivum</i> L.) to yield limiting factors in Oklahoma.
MS	Place:	Basra University, Iraq
	Thesis advisor:	Dr. Hashem R Majed
	Completion Date:	April 26, 2000
	Major Field:	Crop production and Physiology

	Thesis Title:	The effect of late full planting date and equal distances on growth and yield of sunflower.
BSC	Place:	Basra University, Iraq
	Major Field:	Plant protection
	Date:	Jun first 1995

Professional Experience

Feb, 2018- Present	Acting Dean of Agriculture & Marshes College/ Thi-Qar University
Nov, 2014- Feb, 2018	Department Head of Scholarships & Cultural Relations, Thi-Qar University, Al-Nasiriyah- Thi-Qar – Iraq
Jun, 9 - Nov, 2, 2014	Associate Director of Marshes Research Center, Thi-Qar University, Al-Nasiriyah- Thi-Qar - Iraq
Mar, 2005 - Nov, 2007	Financial & Projects Manager, Ur Organization for Protection & Developmental of Environment (U.O.P.D.E). Al-Nasiriyah- Thi-Qar- Iraq
Sep, 2004 - Oct, 2007	Researcher and Head Department of Environment and Pollution, Marshes Research Center, Thi-Qar university, Al-Nasiriyah- Thi-Qar- Iraq
Sep, 2003 - Sep, 2004	Head of Media Unit in Science College, Thi-Qar University, Al-Nasiriyah- Thi-Qar- Iraq

Activities and Membership

- Coordinator, Thi-Qar University and Foundation of International Ammar Charity
- Coordinator, Foundation of International Ammar Charity to develop and manage the agriculture yields in Iraqi Marshes.
- Coordinator, Marshes Research center and environmental office in Thi-Qar to survey the vegetation cover in Thi-Qar area.
- Coordinator of Mesopotamia environmental organization. Thi-Qar and Basra/ Iraq.
- Coordinator of Ur environmental organization, Thi-Qar, Iraq with people in need organization Czech Republic.

Membership in Professional Societies

- 2009- Dec, 2013 Member of American Society of Agronomy (student member)
 - 2009- Dec, 2013 Member of Soil Science Society of America (student member)
 - 2009- Dec, 2013 Member of Crop Science Society of America (student member)
 - 2005- 2008 Member of the editorial board of Marshes Echo Magazine, Marshes Research Center, Thi-Qar University, Al-Nasiriyah, Thi-Qar, Iraq
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Publications

A- Scientific article;

- **Ali, Muaid Shaker.** 2021. Study the effect of different water sources on the yield and survive of wheat cultivars in southern Iraq. Unpublished.
- Zainab A. Karewish, Razzaq A. Seger and **Muaid S. Ali.** 2020. Effect of different concentrations of herbal-marine extract (simac power) and the salt levels on the yield of broad bean, Vicia

broad L. *Int. J. Agricult. Stat. Sci.* Vol. 16, Supplement 1, pp. 1973-1979.

- Asaad Abdullah Sfook, Razzaq Ghazi Negamish, and **Muaid Shaker Ali**. Survey and Distribution of Symbiotic Bacteria Nodules Rhizobium spp and Determine Its effectiveness in Nitrogen Fixation. *International Journal of Advanced Science and Technology*. Vol. 28, No. 20, (2019), pp. 174-182
- **Ali, Muaid Shaker**. Mizel, Mahdi Salih and Al-Salim, Salih H. F. 2019. Study certified wheat (*Triticum aestivum* L.) response to different planting dates to evaluates the active products yield. *Plant archives*. 19(Supplement 1):142-145.
- **Ali, Muaid Shaker**. 2017. Reevaluate the Nitrogen Fertilizer Recommendation to the Wheat Crop (*Triticum aestivum* L.) by using NDVI Data at Thi-Qar Rejoin. *Thi-Qar Univ. J. Agric. Res.* 6(2): p: 391-405.
- **Ali, Muaid Shaker**, Mahmood, Shaimaa Ibrahim and Mahdi, Salih Mizel. 2016. Determined the Oat (*Avena sativa* L.) genotypes responding to different planting dates in southern Iraq. *Int. J. Agron. Agri. R.* 9 (6), p: 33-43.
- **Ali, Muaid Shaker**. 2016. The Influence of Organic (Chicken Poultry Litter) and Mineral N-fertilizer on Barely Crop (*Hordeum vulgare* L.) Biomass and Grain Yields Under Thi-Qar Environments. *Thi-Qar Univ. J. Agric. Res.* 5(1), p: 1-13.
- **Ali, Muaid Shaker**, Mohamed Hussain Mashhad, and Ezat Hussain Mezael. 2015. Effect of Accompanying Fungi with ((*Sorghum bicolor* L. (Moench)) on Vegetative Characteristics and Forage yield in Marshland. *Jornal of Thi-Qar University*. 10: (4).
- Yesuf Assen Mohammed, William Raun, Gopal Kakani, Hailin Zhang, Randy Taylor, Kefeyalew Girma Desta, Crain Jared, Jeremiah Mullock, Jake Bushong, Apurba Sutradhar, **Muaid S. Ali**, Michael Reinert. 2015. Nutrient sources and harvesting frequency on quality biomass production of switchgrass (*Panicum virgatum* L.) for biofuel. *Biomass and Bioenergy* 81: 242-248.
- **Ali, Muaid Shaker**, Apurba Sutradhar, Ma Lourdes Edano, Jeffrey T. Edwards, and Kefyalew Girma. 2014. Response of Winter Wheat Grain Yield and Phosphorus Uptake to Foliar Phosphite Fertilization. *International Journal of Agronomy* Volume 2014, Article ID 801626, 8 pages. Available at <http://dx.doi.org/10.1155/2014/801626>.
- Kefyalew, G., Michael, R., **Ali, M. S.**, Sutradhar, A., and Mosali, J. 2012. Nitrogen and Phosphorus requirements of teff grown under dryland production system. *Plant management Network, Crop management*. 11 (1): doi:10.1094/CM-2012-0319-02-RS.
- Mohammed H. Abass, **Muaid Shaker Ali**, and Muhammed A Hameed. 2012. The effect of mutant isolate of antagonistic fungus *Trichoderma harzianum* and nitrogen fertilizer on the growth and yield of corn *Zea mays* L. in the marshland of Thi-Qar. *Basrah J. Agric. Sci.* 25(2): 27-36.

- Kefyalew, G., and **Ali, M. S.** 2009. Composting Turning: The key to quick composting. Oklahoma Cooperative Extension Fact Sheets. Available at <http://osufacts.okstate.edu>
- Al-yousif Aqeel Adnan, and **Muaid Shaker Ali.** 2008. Chemical control of Corn stem borer *Sesamia cretica* Led and it's affected on the growth and yield of the Sorghum crop *Sorghum bicolor* L. (Moench) in Thi-Qar marshes. Al-Samawa University Journal. (Arabic language).

B- Abstract and Posters

- **Muaid Ali,** Apurba Sutradhar, Ma. Lourdes s. Edano, Kefyalew Girma Desta and Jeffrey Edwards. 2012. Teff growth and yield as affected by day length, temperature, and soil moisture. ASA-CSSA-SSSA. International Annual Meetings, Cincinnati, OH.
- Ma. Lourdes s. Edano, Yesuf Mohammed, Michael Reinert, Apurba Sutradhar, **Muaid Ali,** Hailin Zhang, Gail Wilson and Kefyalew Girma. 2012. The effects of nutrient sources on soil microbial communities and switchgrass production. (Poster). ASA-CSSA-SSSA. International Annual Meetings, Cincinnati, OH.
- Apurba Sutradhar, Daryl Arnall, Ma. Lourdes. Edano, **Muaid Ali,** Kefyalew Girma Desta and Jagadeesh Mosali. (Poster). 2012. Effect of Foliar Application of Phosphite on Growth and Yield of Corn. ASA-CSSA-SSSA. International Annual Meetings, Cincinnati, OH.
- Edano, M.L.S., Sutradhar, A., Mohammed, Y., **Ali, M.,** Reinert, M., Wilson, G. and Desta, K.G. (Poster). 2011. Microbial community structure and microbial biomass as affected by different sources of nutrients in switchgrass production. Soil Ecology Society Meeting, Kelowna, B.C., Canada.
- **Muaid Ali,** Apurba Sutradhar, Michael Reinert, Ma. Lourdes Edano, Jeremiah Mullock, William Raun and Kefyalew Girma Desta. 2011. Response of winter wheat growth, grain yield, and phosphorus and nitrogen uptake to foliar phosphate fertilization. ASA-CSSA-SSSA. International Annual Meetings, San Antonio, TX.
- Apurba Sutradhar, Michael Reinert, **Muaid Ali,** Yesuf Mohammed, Jagadeesh Mosali and Kefyalew Girma. 2011. Effect of Different winter legumes as nitrogen sources for switchgrass grown for cellulosic ethanol. ASA-CSSA-SSSA. International Annual Meetings, San Antonio, TX.
- Yesuf Mohammed, Kefyalew Girma Desta, Apurba Sutradhar, Michael Reinert, **Muaid Ali,** Ma. Lourdes S. Edano, Bee Khim Chim and William Raun. 2011. The effect of NP fertilizer and soil pH on biomass and quality of teff Varieties. ASA-CSSA-SSSA. International Annual Meetings, San Antonio, TX.
- Michael Reinert, Apurba Sutradhar, **Muaid Ali,** Yesuf Mohammed, Ma. Lourdes L. Edano, Arthur Klatt and Kefyalew Girma Desta. 2011. Evaluation of performance of teff varieties for dryland production system of south central USA. (Poster). ASA-CSSA-SSSA. International Annual Meetings, San Antonio, TX.

- ü Ma. Lourdes S. Edano, Apurba Sutradhar, Gail Wilson, Kefyalew Girma Desta, Yesuf Mohammed, Michael Reinert and **Muaid Ali**. 2011. Microbial community and activity as affected by different sources of nutrients. (Poster). ASA-CSSA-SSSA. International Annual Meetings, San Antonio, TX.
- ü Kefyalew Girma, Michael Reinert, Apurba Sutradhar, **Muaid Ali**, Yesuf Mohammed and Jagadeesh Mosali. 2011. Nitrogen and phosphorus requirement of teff grown under dryland production systems of south central USA. (Poster). ASA-CSSA-SSSA. International Annual Meetings, San Antonio, TX.
- ü Desta (Girma), K., M. Reinert, A. Sutradhar, **M.S. Ali**, Y.Mohammed, and J. Mosali. 2011. Teff: tiny seeded tri-purpose alternative crop for Oklahoma. 2011 Southern SAWG Conference, Practical tools and solutions for sustainable family farms, Jan 19-22, 2011, Chattanooga, TN.
- ü Yesuf Mohammed, Kefyalew Girma Desta, **Muaid Ali** and Apurba Staturaba .2010. The effect of different nitrogen sources on biomass and selected nutritional quality of switchgrass for animal feed. ASA-CSSA-SSSA. International Annual Meetings, Long Beach, CA.
- ü Desta (Girma), Kefyalew, Yesuf A. Mohammed, **Muaid S. Ali**, Arthur R. Klatt, and Jagadeesh Mosali. 2009. Growing Teff as Dual Purpose Alternative Crop in Oklahoma. (Poster). Agronomy Abstracts. ASA, Madison, WI, and ASA-CSSA-SSSA, 2009, International Annual Meetings, Pittsburgh, PA.

Training

- July 2016 Course Management and Administration. British International Institute. Arbil, Iraq.
- March 2006 Advanced Management Training for Iraqi CSOs. Amman/ Jordon.
- Sept. 2005 Civic Society Organization Capacity Building. Amman/ Jordon.
- 17 Oct.- 11 Nov. 2004 & 13 Feb.- 3 March. 2005 Module 1 and 2 of the action middle managers course. Amman/ Jordon.
- July 2004 Teaching methods and educational qualification. Thi-Qar University, Iraq.

Skills

- Internet access
- Statistical Analysis system (SAS)
- Sigma Plot System
- SPSS Statistical Program

Awards

- The First Professor at the Agriculture and Marshes College to the Year of 2016-2017. University of Thi-Qar.
- The First Professor at the Agriculture and Marshes College to the Year of 2014-2015. University of Thi-Qar.
- Member in Good Standing. 2013. American Society of Agronomy. Crop Science Society of America. Soil Science Society of America.
- Tedrow and Sandra Bowles Coulter Memorial Endowment Scholarship. 2012. Oklahoma State University/ Plant & Soil Sciences Dep.
- Member in Good Standing. 2012. American Society of Agronomy. Crop Science Society of America. Soil Science Society of America.
- Certification of Attendance. 2012. American Society of Agronomy. Crop Science Society of America. Soil Science Society of America. Cincinnati, OH.
- Support of the Head Start Program. 2012. Head Start School Program. Stillwater, OK.
- Certification of Attendance. 2011. American Society of Agronomy. Crop Science Society of America. Soil Science Society of America. San Antonio, TX.
- International Fair: A Multicultural Exploration for Children. 2010. Oklahoma State University/ College of Education.
- International Fair: A Multicultural Exploration for Children. 2009. Oklahoma State University/ College of Education.
- International Fair: A Multicultural Exploration for Children. 2008. Oklahoma State University/ College of Education.
- Advanced Management Training for Iraqi CSOs. 2006. Amman/ Jordan.
- Module 1 and 2 of the Mine Action Middle Managers Course. 2005. Cranfield University and Al-Ahliyya Amman University. Al-Ahliyya Amman University/ Amman/ Jordan.
- Civic Society Organizations Capacity Building. 2005. Amman/ Jordan.