

## CURRICULUM VITAE (C.V.)

TAREK KAMEL ABDEL-AZIZ

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**Mail Address:** 9 Salem Sand St., Abu Breek, Last of 77 St., New Maadi.

**Birth Date:** July 28, 1966.

**Marital status:** Married with 2 girl and one boy (Noran (F.) , Reem (F.) and Omar (M))

**Language:** Mother tongue: Arabic

English (very good)

**Position:** Chief Researcher

**Country of residence:** Egypt.

**Present Place:** Cairo, Egypt.

**ACADEMIC QUALIFICATIONS:**

condition) from 2004 -211.

- Participate in planning and following technology transfer programs for Winter Summer and perennial forage crops hold in Minia, Benisuif, Fauim and Ismalia Governorates from 1999-2013.
- Member of the M&E of the training program planning and evaluation committee of the indicative program for the Project Management Unit irrigation farm developer Agricultural Research Center in accordance with the decision of the President of ARC No. 6298 for the year 2012 on 12.05.2012
- Develop and write a project proposal pilot campaign to improve the productivity of the Egyptian clover and experimental campaign to improve the productivity of alfalfa and funded by the Academy of Scientific Research and Technology and an executive director to manage the campaigns for the year 2013/2014
- Writing extension articles for green fodder crops in magazines agricultural extension and agricultural extension in new lands and agricultural magazine in 2013.

## **RESEARCH ACTIVITIES AND RESPONSIBILITIES.**

- Association and participate in all research activities and technology transfer. My responsibilities also including chemical analysis for evaluating feeding value and anti nutritional factors for recently testing varieties and agronomy programs of all forage crops.
- Participate and coordinated several work shops and training courses hold at forage crops research program and Field Crops Research Institute.
- Participate as a trainer and lecturer in short training coarse in Forage Crops technology transfer programs and evaluating of feeding values short training course in Forage Crops
- Reporter of Forage Research Program Council from 2002-2007.
- Reporter of Field Crops Research Institute Council from 2007-2011
- Membership of improvement seed production council of Field Crops Research Institute from 2007-2011
- Reporter of the commission on the examine the scientific production from2007-2011
- Membership of the supervisory committee of the supreme national campaign of Maize, Rice and Wheat from2007-2011
- Participate in (Egyptian- Finland Agricultural Research Project (EFARP)) (plant production component) from 2000-2003.
- Participate in Egyptian-French project (Developing Adapted Improved Alfalfa under harsh

8. 1<sup>st</sup> winter Field Crops work shop, 8-9 November, 2006 FCRI-ARC.
9. 5<sup>th</sup> Research Plan Achievements 2002-2007" workshop. 20-22 February 2007, FCRI,ARC, Egypt.
10. 5<sup>th</sup> Plant Breeding Conference, for the Egyptian Society of Plant Breeding, Cairo Univ. May 27, 2007. Giza.
11. 1<sup>st</sup> Summer Field Crops work shop-October 2007.
12. Prospects of Animal Wealth Development Conference, ARC, December 26, 2007.
13. 2<sup>nd</sup> Winter Field Crops work shop,26-27 August 2008, ARC, Egypt.
14. The Second Field Crops Conference on Field Crops Research Institute (Shaping the future of field crops in Egypt" 14-16 October, 2008, ARC, Egypt.
15. 3<sup>rd</sup> Winter Field Crops work shop, 26-27 August 2009, ARC, Egypt.
16. 2<sup>nd</sup> Summer Field Crops work shop March 2009, ARC, Egypt
17. 3<sup>rd</sup> Winter Field Crops work shop 6-9 Sept., 2010, ARC, Egypt
18. The Third Field Crops Conference on Field Crops Research Institute ( Prospects of Field Crops Development and Influenced by Climate Changes) 24-25 October, 2010,ARC, Egypt
19. Summer Field Crops work shop 28-30 Oct., 2011.

- Subscribe to modernize and develop the scientific material for publication extension for summer forage crops No. 1295 for the year 2013 and winter 1296 for the year 2013

### **CONFERENCES AND WORKSHOPS ATTENDED:**

1. Ten years of Egyptian- Finland cooperation in Agricultural Researches and Extension work shop, 11 March Cairo-12 March, Ismailia 2002.
2. The first summer forage crops workshop, 11 May 2003; FCRI, ARC, Egypt. Participate as a general coordinator.
3. 10<sup>th</sup> National Conference for field crops science, Agronomy Dept. Faculty of Environmental and Agricultural Science-El-Arish-Suez Canal Univ.,7-10 October, 2003. Participate with two papers.
4. The second Summer Forage Crops Workshop, 16 May 2004 participate as general coordinator and lecturer in field of Allelopathic effect of Alfalfa cultivars.
5. Water futures (Trends, Forecasts, Egyptian and Regional Sinarioes) Conference – IAFRA Conferences center, Cairo University, 12 December, 2005.
6. The First Field Crops Conference on (Field Crops Research Institute and its Role in Securing Sustainable Agricultural Development), 22-24 August 2006, Giza, Egypt.
7. 3<sup>rd</sup> Regional Meeting Community-Based optimization of the management of scare water recourse in Agriculture in CWANA cooperate with (ICARDA), 8-10 January, 2007, ARC, Giza.

Crops.

9. "Optimizing Production and productivity of forage Crops to narrow the Forage gape in Egypt. FCRI, Nubaria Station, ARC, Egypt. during 9-16 Feb. 16,2006. as a lecturer on field of " Chemical composition and quality factors on forage crops"
10. "Forage Crops"; M.O.A, Menufia Agriculture Administration, Egypt. As a lecturer on Field of evaluated of quality factors as essential factors on feeding of forage "during 9 to 16 Jouly, 2005.
11. "The role of Technology Transfer in farmers for Field Crops" FCRI Cooperative with Arab Organization of Agricultural Development, League of Arab States. During-30 Nov., 2006.
12. "Project writing and research funding" ARC, Egypt. during 11-14 Oct., 2009.
13. "Seminar on Strengthening Agro- Tech Extension System for African Countries" sponsored by the Ministry of Commerce and organized by National Agro- Tech Extension & Service Center, MOA, BEIJING, The People's Republic of CHINA from October 19, 2010 to November 8, 2010.
14. "Modern irrigated system and their components" Arab Organization of Agricultural Development, League of Arab States. Cairo Office during 20-24 Nov.,2011
15. A training course in the field (Ethics of Scientific Research) in conjunction with the center scientific cooperation for German DAAD and under the auspices of the ARC 11Nov. 2012

## TRAINING COURSES:

1. "Natural Ingredients from Wild Plants used in Food Industry" CLAC, M.O.A, Dokki, Egypt Cooperative with CHANIA-MAICH, Grease. during September 27 to October 7, 1999.
2. "Introduction in Expert System", CLAC, M.O.A, Dokki, Egypt. during 5-9 March, 2000 .
3. "Optimizing the Use of Local Conventional and Non-Conventional Feed Resources in Mediterranean Arid and Semi Arid areas. Desert Research Center, Mattria, Cairo. Cooperative with CIEHAM, IAMZ-Span.
4. "Applications of Computer" Arabic Council for High Studies and Researches, Cairo Univ., Egypt. during October 2002 to January 2003.
5. "Application of Internet" ENAL, M.O.A, Egypt; during 9-13, 2003.
6. "Improvement of forage crops as a basic demands for Development", FCRI, ARC, Egypt. during 18-19 October, 2003
7. Prepare well extension stuff for spreading Alfalfa planting in New reclaimed areas", FCRI, ARC, Ismailia, Egypt. Organized by Egypt-French Project for alfalfa during March 13 to 13-17 March, 2004 as a lecturer on field of chemical composition, quality factors and anti nutritional factors in alfalfa.
8. "Important of Forage Crops in Agricultural Development", FCRI, ARC, Ismailia, Egypt. during 13-27 Feb,2005. as a lecturer on field chemical composition and quality factors on winter forage

Egypt.

8. Abd El-Aziz, T.K. and E.H.Awad (2006): Evaluation of the production and forage quality of some sweet sorghum genotypes (*Sorghum Bicolor L. Moench*) Egypt .J.Agric. Res., 84 (6), 1819-1832.
9. Abd El- Aziz, T.K.; A.A El-Shereif, M.M. Azab and N.M.hamed (2007): Influences of seeding rates and N fertilization on forage yield and quality of berseem-ryegrass mixture. J.Agric. Sci. Mansoura Univ., 32 (2): 1583-1600.
10. Abd El-Aziz, T.K.; N.M.Hamed and Sh.A.Abo El- Goud. (2008): Response of cowpea to application of K and for farmyard manure under New Valley conditions. J.Agric. Sci. Mansoura Univ., 33 (3): 1675-1690.
11. Abd El-Aziz, T.K and M.A.S.Abd El -Gwad (2008):  
Yield and quality of Tunis grass as affected by plant height at cutting and N fertilizer, Annals Agric. Sci., Ain Shams Univ., 53 (1), 157-169.
12. . Abd El -Gwad M.S.A.; T.K. Abd el-Aziz; and M.A.Abdel-Galil (2008):  
Effect of intercropping wheat with fodder beet under different levels of N-application on yield and quality. Annals Agric. Sci., Ain Shams Univ., 53 (2), 353- 362.



## Publications:

1. Abd EL-Aziz.T.K. and Osman, A.S.(2000): Effect of seed coating with some microelements on the yield quality of pearle millet Crops . J. Agric. Sci. Mansoura Univ., 25 (12): 7325-7334
2. Abd EL-Aziz.T.K. (2002): Farmyard manure and nitrogen application effect on forage yield and quality of pearl millet grown in sandy soil. Minia J. of Agric. Res. and Develop. 22 (3):199-220.
3. Abd EL-Aziz.T.K. (2003): Effect of plant age at harvesting on forage yield and quality of millet (*pennisetum typhoides L.*) sandy soil. J.Agric. Sci. Mansoura Univ., 29 (2): 769-776.
4. Osman, A.S., Abd El-Aziz, T.K. and Amal, A. Helmy (2000): Influence of some macro-and micronutrients fertilization on productivity and quality of forage sorghum J.Agric. Sci. Mansoura Univ., 25 (12): 7315-7324..
5. Abd El-Aziz, T.K. and Amal, A. Helmy (2001): Allelopathic effect of six alfalfa cultivars and the existing variation on their yield quantity and quality J. Agric. Sci Mansoura Univ., 26 (12): 7505-7518.
6. Amal,A.Helmy; Wafaa, M.Sharawy and Abd El-Aziz, T.K.(2003): Screening of ten alfalfa landraces for N<sub>2</sub>-fixation potential. The 10 the Conference of Agronomy. October 7-10,2003 El-Arish, Egypt.
7. Amal,A.Helmy; Abdel-Aziz,T.K. and Wafaa, M.Sharawy (2003): Effect of different concentration of NaCl on growth, nodulation and chemical composition of alfalfa (*Medicago sativa L.*). The 10 the Conference of Agronomy. October 7-10,2003 El-Arish,



13. Mersal,A.I; Sh.A.AboEl-Goud; T.K. Abd el-Aziz and ImanA.I.Mohamed (2009):  
Effect of spraying plant extracts on seed yield, quality and insect infestation of some cow pea cultivars.J.Agric.Sci.Mansoura Univ.,34 (3):1839-1851.
- 14- AboEl-Goud, Sh.A.; T.K. Abd el-Aziz and A.M.El Ghamry (2010):  
Important of fodder beet productivity and quality using gypsum and potassium fertilizer in alkaline saline affected soil. J.Agric.Sci.Mansoura Univ.,34 (3):2543-2553.
- 15; Abd El-Gawad M.A.S; T.K. Abd el-Aziz and Hassan, M.Th.  
Effect of row spaces and cutting intervals on some characters of Acacia saligna shrubs grown under rain fed at BORG ALARAB station (In press)
- 16- T.K. Abd el-Aziz; and Sahar T.Ibrahim  
Effect of intercropping Fahl berseem with wheat cultivated in bed under different seeding rates and levels of N-application on yield and yield components of both crops. (In press)

-Residual analysis.

-Technical Amendments of Food of Animal Origin to be Safe for Human Consumption

-Clinical Chemistry and Molecular Biology.

-Bio-analytical Chemistry and Molecular Diagnosis of Infectious Diseases

-Designing smart systems for Hazardous Analysis Critical Control Point (HACCP)

### **Publications and Patent**

"Chemical and mycological evaluation of camels meat products".

"Effect of ionophores on minerals absorption in poultry

"Toxicological studies on some industrial pollutants and its effect on fishes"

"Comparison of fatty acid and cholesterol ratio in different types of birds eggs".

## **JOB DESCRIPTION:**

Ration chemical analysis for determination of crude protein, ash, moisture content, carbohydrates, crude fat, fibers, calcium and phosphorus and different elements.

Determination of acid value and peroxide number in fat.

Detection of different types of mycotoxins (aflatoxin, ochratoxin , zearalenone) in feed.

Evaluation of validity of feed for animal consumption

Chemical analysis of different types of water used for consumption ( total solids, hardness, nitrites, nitrates, sulphate, iron, magnesium, chloride, phosphate, phosphorus, calcium , ammonia, ammonium, pH and conductivity).

## **FIELDS OF INTEREST**

-Aquaculture

-Animal and Fish Nutrition.

-Feed and food analysis

-Biochemical analysis of water.

-Recent techniques used for food inspection of animal origin.

“Effect of dietary intake of sunset yellow as coloring agent on some biochemical traits in albino rats.”

“Influence on chromium supplementation on growth performance, carcass quality and lipid profile in broilers.”

"Comparative study on some biochemical parameters of Tilapia species from River Nile and fish farms "

"Using of probiotics to modulate ochratoxicosis in broilers"

"Evaluation of amino acids content in camel with red and white meat"

"Evaluation of different methods for determination of cholesterol in some animal food sources"

"Biochemical and Hematological changes due to copper deficiency in broiler farms."

"Detection of some anabolic hormones in serum and egg of laying hens"

● "Influence of adding zinc bacitracin on cholesterol and fat content of blood and egg of chicken

"Survey on aflatoxin in raw and packed sterilized milk."

"Effect of some treatment on some toxic substances present in soybean"