

## **Prof. Dr. Mohammad Khair Tahla CV**

### **Basic information:**

**Full Name: Mohammad Khair Tahla**

**Father name: Abdo.**

**Mother name: Rjabya**

**Nationality: Syrian**

**Marital status: Married, 5 children.**

**Place and date of Birth: Menin, 1955**

**Affiliation: Food technology.**

**Accurate affiliation: Sugar technology and sugar materials.**

**Place of work: Food science department, Faculty of Agriculture, Damascus University, Syria.**

### **Scientific Qualification:**

**-M.Sc (1981) in manufacturing and reserving food, Odessa University of food manufacturing, Ukraine.**

**Ph.D (1987) in food technology, Kiev University of food industry, Ukraine.**

### **Administration Tasks:**

**-Vice president of administrative and student fairs (2003-2009).**

### **Books:**

**-Sugar Chemistry and Technology.**

**-Engineering of Food Industries.**

### **Languages:.**

**-Russian, French, English.**

### **Teaching courses:**

**-Sugar chemistry and technology.**

**-Engineering of food industries.**

**- Engineering of dairy industries.**

**- Engineering of agriculture industries.**

**- Engineering of processing industries (post graduate students).**

### **Supervision of the projects of the under graduate students.**

### **Master and doctorate student supervision.**

### **Teaching courses in Al Baath University:**

**-Fruits and vegetables manufacturing (1998-2004).**

**-Packing and Canning (1998-2004).**

### **Conferences and Committees:**

- 8<sup>th</sup> conference of Developing Industry of the Arabic countries (Damascus 22-25<sup>th</sup> June 1998).
- 2<sup>nd</sup> Conference of Sugar Beet (Hama 20-21<sup>st</sup> October 1999).
- Scientific Sugar Beet Forum (Homs 5-8<sup>th</sup> August 2000).
- International Conference of Sugar Candies (Damascus 6-7<sup>th</sup> June 2005).
- International Conference of Food Safety (Faculty of veterinary medicine, Al Baath Univesity, Hama 23-25<sup>th</sup> April 2007).
- Member of the permanent sugar beet committee, according to Ministry of Agriculture Resolution No. 1136, dated 11/8/1998 and up to date.
- Member of the Committee to recommend sugar beet varieties by the decision of the Ministry of Agriculture No. 53 / and no date 7/3/2005 to date.
- Member of the Administrative Committee of the Modern Company for Conserves and Agricultural Industries, by resolution of the Prime Minister No. 1023 of 9/3/2008.
- Member of the Economic and Social Planning Council in Rural Damascus Governorate, Decree No. 168 dated 6/9/2008.
- Member of Damascus Governorate Council, the eighth and ninth legislative sessions.

#### **Publications in Refereed Journals:**

- Improving the conditions for laboratory extraction of pectin from apple fruit residues and beet brie. 2001. 17(1).
- Study of optimum conditions for the manufacture of candied fruit from orange slices. Arabic Agricultural Research Journal, Khartom, Sudan. 2001 June. 5(1).
- The effect of preparatory processes (boiling and heat treatment) on preserving the sensory properties of peas during the freezing preservation phases. Bassel AlAssad Journal of Science Engineering. 2004 February (4).
- The effect of phosphorus and potassium fertilization on the production and technology characteristics of sugar beet crop. Bassel AlAssad Journal of Science Engineering. Accepted on 5/9/2007.
- Determine the quality standards of halva and its development prospects. Aleppo University Research Journal, Agricultural Scientific Series. Accepted on 18/8/2008.

- The effect of using dimethylsulfoxide 2 SO (CH<sub>3</sub>) and adding organic fertilizer on the productive characteristics of sugar beet. Al Baath University Journal. Accepted on 4/11/2008.
- The effect of composting with organic manure (cow manure) and foliar spraying with dimethylsulfoxide on some technological characteristics of sugar beet. Damascus University Journal of Agricultural Sciences. Accepted on 19/1/2009.
- Utilizing the remnants of grape distilleries in the production of vinegar and oil. Aleppo University Research Journal, Agricultural Scientific Series. Accepted on 1/4/2009.
- The effect of organic and potassium fertilization on the technological characteristics of sugar beet. Al Baath University Journal. Accepted on 11/6/2008.
- The effect of cumulative Temperature on the ripening and yield of sugar beet. Damascus University Journal of Agricultural Sciences. Accepted on 27/7/2009.
- The effect of controlling powdery mildew with sulfur, "spray" and "dust" on some technological characteristics of sugar beet. Damascus University Journal of Agricultural Sciences. Accepted on 28/7/2009.
- The effect of the manufacturing process on the antioxidant activity of processed peas. Damascus University Journal of Agricultural Sciences. Accepted on 29/6/2010
- The effect of treating the shoots with sulfur as a spray and a dust on the productive traits of sugar beet (*Beta vulgaris*) and preventing the emergence of powdery mildew (*Erysiphe polygon*). Arabic Journal of Arid Environments. Arabic Center for Drought Areas and Arid Lands ACSAD.
- The effect of the manufacturing process on total phenols, vitamin C and antioxidant activity in apple jam. Aleppo University Research Journal, Agricultural Scientific Series. Accepted on 23/11/2010.
- The reality of making molasses from raisins and prospects for developing it in Damascus countryside. Damascus University Journal of Agricultural Sciences. Accepted on 18/7/2012.

**Post graduate student publications in refereed journals:**

- The effect of some methods of storing un topped sugar beet on its technological qualities. Aleppo University Research Journal, Agricultural Scientific Series. Accepted on 9/10/2008.

**- The effect of raw sugar storage conditions on some of its chemical indicators. Damascus University Journal of Agricultural Sciences. Accepted on 29/6/2010.**

**- Thermal resistance of salmonella in peanut butter. Aleppo University Research Journal, Agricultural Scientific Series. Accepted on 13/9/2011.**

**- The effect of manufacturing and storage processes on chemical indicators, total phenols and the antioxidant activity of jujube fruits and some of its products. Aleppo University Research Journal, Agricultural Scientific Series. Accepted on 9/7/2012.**

**- Identification of the volatile organic compounds in the Syrian virgin olive oil using the upper vacuum micro-extraction technique and gas chromatography - mass spectroscopy. Damascus University Journal of Agricultural Sciences. Accepted on 30/4/2013.**

**- Effect of drying and treatment of potassium carbonate on some quality indicators of fresh and dried municipal grapes (raisins). Arabic Journal of Arid Environments. Arabic Center for Drought Areas and Arid Lands ACSAD. Accepted on 30/9/2013.**

**Address:**

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