

# Curriculum Vitae

## Personal information

**Family name:** Wannows

**First name:** Ali

**Place and Date of birth:** Damascus, 1981

**Marital status:** Married

## Address

The General Commission for Scientific Agricultural Research (GCSAR)

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## Personal Educations

- **Ph.D. Thesis**, Fac. of Agric., Damascus Univ. (2014). "The Importance of Indirect Selection for Genetic Improvement of Some Quantitative and Qualitative Traits in Maize (*Zea mays* L.)".
- **M.Sc. Thesis**, Fac. of Agric., Damascus Univ. (2010). Genetic behavior study of grain-yield, its components and some morphophysiological characteristics in half diallel crosses between introduced and local maize (*Zea mays* L.) inbred lines.
- **B. Sc.** Agricultural Engineering, Damascus University, Faculty of Agriculture, (2004).

## Work experience

- 1- Plant breeder at GCSAR from 1/8/2005 to 1/8/2015 (Maize Breeding; Inbred lines selection over segregation generations; Hybridization between inbred lines to developed single crosses or other hybrids.)
- 2- Plant breeder expert at ACSAD in kafrdan, Lebanon (Wheat and barely breeding program).
- 3- Project manager at Natagri S.A.L Co. from 1/12/2015 to 1/8/2016 (Grape and Watermelon projects manager)

## Publications Articles in journals

1. **Ali Akeel Wannows**; Hasan KamlAzzam and Samir Ali AL-Ahmad (2010). Genetic variances, heritability, correlation and path coefficient analysis in yellow maize crosses (*Zea mays* L.). *Agric. Biol. J. N. Am.*, 2010, 1(4): 630-637.
2. **Ali Akeel Wannows**; Hasan KamlAzzam and Samir Ali AL-Ahmad (2011). Combining ability and heterosis for yield and its components in yellow maize crosses. *Jordan J. of Agric. Sci.* 7(2): 326 – 338.
3. **Ali Akeel Wannows**; Hasan KamlAzzam and Samir Ali AL-Ahmad (2010). Inheritance of some physiological traits and yield in yellow maize crosses (*Zea mays* L.). *Albath Univ. J. for Eng. Sci.* 32(25): 111-132.
4. **Ali Akeel Wannows**; Hasan KamlAzzam and Samir Ali AL-Ahmad (2010). Genetic behavior of some quantitati yellow maize crosses (*Zea mays* L.). *Damascus J. Univ. of Agric. Sci. Syria*. Expected number 1480 date 10/5/2010. (In press).

5. **Ali Akeel Wannows**; Hasan KamlAzzam and Samir Ali AL-Ahmad (2012). Genetic variability, phenotypic correlation, path coefficient analysis and its implications in improvement of grain yield in maize (*Zea mays* L.) hybrids. *Jordan J. of Agric. Sci.* 8(4): 656-664.
6. S. Al- Ahmad; **A. A. Wannows**; E. Owil; M. Al- Essa; M. Al- Ammareen; M. Roely; Z. Zaaror and A. Ghazal (2012). Combining Ability for Yield and Some Morphological Traits Using Partial Diallel Analysis in Yellow Maize (*Zea mays* L.) Hybrids. *Jordan J. of Agric. Sci.* 8(3): 473-482.
7. Rim, AlabdAlhadi; S. Al- Ahmad; E. Owil; **A. A. Wannows**; G. A. Al-Lahham (2013). Genetic analysis for yield and its components in hybrids of sweet maize (*Zea mays* L.). *Damascus J. Univ. of Agric. Sci.*, 29(1): 63-76.
8. S. A. Al-Ahmad; **A. A. Wannows**; E. W. Owil; A. Al-Ahmad; S. Goalh; H. Boadegjy (2013). Prediction of combining ability in some maize (*Zea mays* L.) inbred lines using top-cross method under different environments. *Damascus J. Univ. of Agric. Sci.*, 29(1): 49-61.
9. S. A. Al-Ahmad; **A. A. Wannows**; R. A. Alabd Al-Hadi; M. R. Abid; G. Naha (2013). Evaluation of some inbred lines of yellow maize (*Zea mays* L.) using top-cross method under different environments. *Damascus J. Univ. of Agric. Sci.*, 29(2): 67-81.
10. **Ali Akeel Wannows**; Hasan KamlAzzam and Samir Ali AL-Ahmad (2013). Genetic Analysis of Yellow Maize (*Zea mays* L.) Grain Yield and Its Components Using Half Diallel Cross. *Thaarab J. for arid environments*. Expected number 262/8 date 7/3/2013. (In press).
11. S. A. Al-Ahmad; **A. A. Wannows**; E. W. Owil; A. Al-Galed; M. Roely and H. Boadegjy (2013). Genetic Relative Importance of Some Pheno-Morphological Traits in Half Diallel Crosses of Yellow Maize (*Zea mays* L.) Under Different Environments. *Thaarab J. for arid environments*. Expected number 261/8 date 15/5/2013. (In press).
12. **A. A. Wannows**; M. Y. Sabbouh; S. A. AL- Ahmad (2013). Evaluation of some genetic parameters for some quantitative traits in two maize hybrids (*Zea mays* L.). *Damascus J. Univ. of Agric. Sci.*, 30(4): 53-71.
13. **A. A. Wannows**; M. Y. Sabbouh; S. A. AL- Ahmad (2013). Genetic Parameter For Yield, Its Components and Some Morphological Traits in Two Yellow Maize Hybrids (*Zea mays* L.). *Thaarab J. for arid environments*. Expected number 399/6 date 7/10/2013. (In press).
14. **A. A. Wannows**; M. Y. Sabbouh; S. A. AL- Ahmad (2015). Heritability, Genetic Advance, Phenotypic Correlation and Path Coefficient Analysis for Some Quantitative Traits in Tow Hybrids of Maize (*Zea mays* L.). *Damascus J. Univ. of Agric. Sci.* 31(1): 43-58.
15. **A. A. Wannows**; M. Y. Sabbouh; S. A. AL- Ahmad (2015). Generation mean analysis technique for determining genetic parameters for some quantitative traits in two maize hybrids (*Zea mays* L.). *Jordan J. of Agric. Sci.* 11(1): 59-73.
16. S. A. Al Ahmad; **A. A. Wannows**; Rim. A. Alabd Al-Hade; M. M. Al- Ammareen; M. S. Al-Yssa (2014). Combining Ability for Grain Yield, Silking Date, Plant and Ear Height Traits in Yellow Maize (*Zea mays* L.) Under Different Environments. *Thaarab J. for arid environments*. Expected number 281/7 date 29/5/2014. (In press).

17. S. A. Al-Ahmad; S. Shehab; G. El-Laham; **A. A. Wannows**; E. Aweel (2015). Study of the phenotypic correlation and path analysis coefficient for grain yield and its components in four local maize (*Zea mays* L.) genotypes. Damascus J. Univ. of Agric. Sci. 31(3): 9-12.
18. **A. A. Wannows**; S. A. AL- Ahmad; S. M. Shehab; G. A. Al-Lahham; E. W. Owil; R. E. Al-Mansour (2015). Genetic analysis for yield and its components and some morphophysiological traits in single and reciprocal crosses of maize (*Zea mays* L.). Jordan J. of Agric. Sci. 11(3): 897-907.

### **Contributions to academic conferences**

- S. A. Al-Ahmad; M. Y. Bazerbashy; **A. A. Wannows**; E. Owil; M. Al Essa; M. Roely; Z. Zaaror (2010). Combining Ability Analysis for Yield and Some Morphological Traits in Yellow Maize (*Zea mays* L.) Hybrids. The 8<sup>th</sup> conference in general commission for scientific agricultural research, 29-30 September 2010, Douma, Damascus, Syria, (in Arabic with English abstract).
- **A. A. Wannows**; S. A. Al-Ahmad; S. M. Shehab; G. A. Al-Lahham; A. M. Ghazal (2011). Genetic analysis for yield and its components in single and reciprocal crosses of yellow maize (*Zea mays* L.). The 9<sup>th</sup> Conference in General Commission For Scientific Agricultural Research, 20-22 September 2011, Douma-Damascus, Syria, (In Arabic with English Abstract).
- S. A. Al-Ahmad; M. Y. Bazerbashy; **A. A. Wannows**; E. Owil; M. Al Essa; M. Roely; Z. Zaaror (2010). Combining Ability Analysis for Yield and Some Morphological Traits in Yellow Maize (*Zea mays* L.) Hybrids. The 50<sup>th</sup> Science Week International Conference in Al-Furat University. Der-Alzoz November 28-30. (2010). Syria, (In Arabic with English Abstract).
- Samir Al-Ahmad; Saoud Shehab; Ghassan El-Laham; Mohamed Rashad Abid; Moamar El-Amareen; Elias Aweel and **A. A. Wannows** (2011). Correlation study and path analysis for grain yield trait and its components in local maize (*Zea mays* L.) genotypes under different environments. The 9<sup>th</sup> Conference in General Commission For Scientific Agricultural Research, 20-22 September 2011, Douma-Damascus, Syria, (In Arabic with English Abstract).
- **A. A. Wannows**; Hasan Kaml Azzam and Samir Ali AL-Ahmad (2011). Genetic analysis of yellow maize (*Zea mays* L.) grain yield and its components using half diallel cross. The 1<sup>th</sup> Conference science in field crops sciences in Teshreen University 20-22 April 2011, Latakia Syria.
- S. A. Al-Ahmad; **A. A. Wannows**; E. W. Owil; A. Al-Galed; M. Roely and H. Boadegiy. (2011). Genetic behavior and relative importance of some plant characters in relation to grain yield in single crosses of Yellow Maize (*Zea mays* L.) Under Different Environments. The 1<sup>th</sup> Conference science in field crops sciences in Teshreen University 20-22 April 2011, Latakia Syria.
- **A. A. Wannows**; M. Y. Sabbouh; S. A. AL- Ahmad (2014). Generation mean analysis technique for determining genetic parameters for some quantitative traits in two maize hybrids (*Zea mays* L.). The 10<sup>th</sup> Conference in General Commission For Scientific Agricultural Research, 27-28 April 2014, Damascus University, Syria, (In Arabic with English Abstract).

### **Languages**

Arabic: mother language.

English: good.

### **Computer skills**

ICDL, Genetic analysis, PLABSTAT, GENESTAT, MSTATC, SAS.

### **Ali Akeel Wannows**