

Curriculum Vitae

(السيرة الذاتية- الدكتور ينال أحمد القدسي)

Personal Data:

Name: Dr. Yanal A. Alkuddsi

Father's Name: Ahmad

Designation: MSc (Agri), Ph.D (Agri) – Genetics and Plant Breeding

Date of Birth: 24 April 1978, Male

Place of Birth: Damascus, Syria

Permanent Address: Damascus, Syria

Mobile: 00963- 937124123/ 00963-992014092

Personal Website: <http://dr-yanal-alkuddsi.strikingly.com/>

E-mail: y.alkuddsi@hotmail.com

y.alkuddsi@gmail.com

Educational Qualification:

September 2009 to September 2013:

Ph.D. (Agri) Scholar, Department of Genetics and Plant Breeding, University of Agricultural Sciences, Dharwad, Karnataka, India

August 2007- August 2009:

M.Sc. (Agri) Scholar, Department of Genetics and Plant Breeding, University of Agricultural Sciences, Bangalore, Karnataka, India

February 2003 –December 2004:

Diploma (Agri), Department of Field Crops, Faculty of Agriculture, Damascus University, Damascus, Syria

September 1998- September 2002:

B.Sc. (Agri), Department of Field Crops, Faculty of Agriculture, Damascus University, Damascus, Syria

Work and Research Experience:

-(2009-2013) worked at University of Agricultural Sciences- Dharwad- Karnataka- India (Biotechnologist and Plant breeder)

- (2007- 2009) worked at University of Agricultural Sciences-Bangalore- Karnataka- India (Biotechnologist and Plant breeder)

- (2002-2006) worked at Ministry of Agricultural and Agrarian Reclamation (Agronomist)- Damascus- Syria

- (1998-2002) worked at University of Damascus-Agriculture College- Department of Field Crops- Damascus-Syria

Main Activities and Responsibilities:

Biotechnology- Genetic Engineering- Molecular biology- Genetics- Cytogenetics - Quantitative genetics-Molecular technique- Genetic transformation- Heterosis breeding-Plant breeding- Cotton Breeding

Title of Theses:

Ph.D. Thesis: Development and Exploitation of Heterotic Pools of *Hirsutum* and *Barbadense* For Developing Potential Interspecific Hybrids, Molecular Marker and Genetic Transformation Study in Cotton

MS.C. Thesis: Heterosis, Combining Ability and *per se* Performance of New Hybrids of Upland Cotton (*Gossypium hirsutum* L.) For Kapas Yield and its Attributing Characters

Diploma.Thesis: Development of an efficient screening technique to assess the genetic variability to response of some Chickpea (*Cicer arietinum* L.) to water stress

B.Sc. Thesis: Effect of plant density on the yield of some varieties of durum wheat under irrigated conditions in the College of agriculture in Damascus (Abo Jarash).

Languages known:

Arabic: Writing and Speaking

English: Writing and Speaking

- language certificate from higher language institute, Department of English language, lower intermediate level till the preparation course for IELTS test

Computer knowledge:

(Statistical software)

SPAR 2- POWER MARKER- NTSYS- DARwin- TANUSTATGENERES- WINDOW STAT

- Web design certificate from United Nations Relief and Works Agency for Palestine Refugees in the Near East (UNRWA) at grade very good. Date of Issue: The 12th of January 2015.
- Employability Skills certificate from United Nations Relief and Works Agency for Palestine Refugees in the Near East (UNRWA). From 08 to 16 December 2014 (18 hours).
- - International Computer Driving Licence (Standard ICDL V6) from Syrian Computer Society in 1-10-2015.

Referees:

1-Prof. S. S. Patil, PhD

Department of Genetics and Plant Breeding, University of Agricultural Sciences, Krishinagar, Dharwad, Karnataka, India

Email: sspadvance@indiatime.com

2-Prof. M. R. Gururaja Rao, PhD

Department of Genetics and Plant Breeding, University of Agricultural Sciences,
GKVK,Bangalore, Karnataka, India

Email: guru_uasb@rediffmail.com

3-Prof. H.L.Nadaf, PhD

Department of Genetics and Plant Breeding, University of Agricultural Sciences,
Krishinagar,Dharwad, Karnataka, India

Email: hlnadaf@yahoo.com

Conferences, Workshops and Training:

- The Eleventh Scientific Conference of General Commission for Scientific Agricultural Research (GCSAR), Damascus, Syria, 22-24/5/2016.
- Third Environmental Research Conference" Environmental Challenges and Methods of Treatment" Damascus, Syria, 30 November-3 December, 2015.
- National workshop on "Cotton crop management from production to marketing" Damascus, Syria, 18-19/06/2015.
- International Symposium on Biotechnology and Conservation of Species from Arid Region – (ISBCSAR), Muscat, Oman, 10-13, Feb, 2013.
- The 10th International Symposium on Biocontrol and Biotechnology, Harbin, P. R. China, Dec 27-30, 2012.
- International Conference on Biology, Environment and Chemistry –ICBEC , UAE, Dubai, 28-30 Dec, 2011.
- International Symposium on “Global Cotton Production Technologies vis-à-vis Climate Change” Haryana –India, 10-12 Oct, 2012.
- International Conference on “World Cotton Research Conference” Mumbai-India, 7-11 Nov, 2011.
- “International Congress on Applied Biology” Mashhad, Iran, 1-2, Sept, 2011.
- “Annual Conference of the German Genetics Society” Wurzburg, Germany, 14-16, Sept, 2011.
- National seminar on” Contemporary Approaches to CropImprovement” Bangalore, India, 22-23 April, 2011.
- “International Conference on Mathematical and Computational Biology (ICMCB), Malacca, Malaysia, 12-14 April, 2011.
- International Workshop on “Strengthening of rural families through empowerment by introducing food security through production, processing and value addition of regional staple food grains” Dharwad- India, 13-15 Dec, 2010.
- National seminar in” 2nd Annual Biotechnology conference for Students (ABCS)” Pune - India, 13-14 Nov, 2010.
- International Symposium in “8th international symposium on Biocontrol and Biotechnology” Pattaya- Thailand, 4-6, Oct, 2010.
- Training on “Basic molecular techniques” Bangalore-India, 6-17, March, 2008.

Publications and Abstracts:

- Pranesh, K. J, S. S. Patil, H. G. Kencharaddi, S. Rajeev and **Yanal Alkuddsi. 2014**, Pathof Productivityin Derived F₁S From The Crosses Between F₄LinesofRobustandCompactGroupsin Cotton (*Gossypium hirsutum* L.). Proc on Challenges and Innovative in Crop Improvement, India,131-132.

- **Yanal A. Alkuddsi**, Patil Shreekanth. S., Manjula S.M., Pranesh K.J., and Patil B. C. **2014**, Standarizing in *Planta Agrobacterium tumefaciencie* Mediated Genetic Transformation Protocol to Develop New Events by Transforming *G. hirsutum* Cotton Based on *CryIAc-CryIEc* Genes. *American Journal of Life Sciences.*,**2** (4): 190-199.

- **Yanal A. Alkuddsi**, Patil S.S., Manjula S.M., Nadaf H.L., and Patil B. C. **2014**, Genetic Distance and its Association with F₁ Inter specific Hybrids Performance and Heterosis for Yield Components and Fiber Properties in Cotton. *Proc. International Symposium on Biotechnology and Conservation of Species from Arid Regions*. Nova Publisher.USA.**1**: .

- **Yanal Alkuddsi**, Patil S.S., Manjula S.M., and Patil B. C. **2013**, Correlation Studies on Yield and its Components in Inter Specific Cotton Hybrids (*G.hirsutum* x *G.barbadense*) for developing heterotic box. *Molecular Plant Breeding.*, **4** (28): 228-237.

- **Yanal Alkuddsi**, M.R. Gururaja Rao., Patil S.S., Mukund Josh and T.H. Gowda. **2013**,Heterosis studies and *per se* performance of intra hirsutum hybrids (*G.hirsutum* x *G.hirsutum*) for kapas yield and its components in cotton. *Plant Gene and Trait.*, **4** (21): 124-141.

- **Yanal Alkuddsi**, Patil S.S., Manjula S.M., Patil B. C., Pranesh K.J., Rajeev S., Swathi P. and Ranganath H.M. **2013**, Mismatch in Source and Sink as a Reason Determining Realized Potentiality of *Bt*Cotton Hybrids. *Bt Research.*, **4** (5):24-28.

- **Yanal Alkuddsi** , Patil S.S., Manjula S. M., Patil B. C., Nadaf H. L. and Nandihali B. S. **2013**,Association Analysis of Seed Cotton Yield Components and Physiological

Parameters in Derived F₁ Inter Specific Crosses of Cotton. *Bioscience Methods. Int.*, **4** (5): 23-33.

- **Yanal Alkuddsi** , Patil S.S., Manjula S. M., Patil B. C., Nadaf H. L. and Nandihali B. S. **2013**, Relationship Between SSR- Based Molecular Marker and Cotton F₁ Inter Specific Hybrids Performance for Seed Cotton Yield and Fiber Properties. *Genomics and Applied Biology.*, **4** (4): 22-34.

- **Yanal Alkuddsi**, M.R. Gururaja Rao., Patil S.S., T.H. Gowda and Mukund Josh. **2013**, Combining Ability Analysis for Seed Cotton Yield (Kapas Yield) and Its Components in Intra Hirsutum Hybrids and Forming Heterotic Boxes for Exploitation in Cotton. *Genomics and Applied Biology.*, **4** (5): 35-49.

- **Yanal Alkuddsi**, M.R. Gururaja Rao., Patil S.S., Mukund Josh and T.H. Gowda. **2013**, Correlation and Path Coefficient Analysis between Seed Cotton Yield and its Attributing Characters in Intra Hirsutum Cotton Hybrids. *Molecular Plant Breeding.*, **4** (26): 214-219.

- **Yanal Alkuddsi**, Patil S.S., Manjula S. M., Patil B. C., Nadaf H. L. and Nandihali B. S. **2013**, Development of Heterotic Groups (*G. hirsutum* vs *G. barbadense*) Based on Combining Ability and Inter Specific Hybrids Performance for Yield and Fiber Quality Traits. *Molecular Plant Breeding.*, **4** (24): 196-208.

- **Yanal Alkuddsi**, Patil S.S., Manjula S. M., Patil B. C., Nadaf H. L. and Nandihali B. S. **2013**, Combining Ability for Yield and Yield Attributing Characters in Line × Tester Inter Specific Hybrids (*G. hirsutum* × *G. barbadense*) for Confirmation of Heterotic Groups. *Molecular Plant Breeding.*, **4** (20): 157-168.

- **Yanal Alkuddsi**, Patil S.S., Manjula S. M., Patil B. C., Nadaf H. L. and Nandihali B. S. **2013**, Identifying of Extra Long Staple Suitable Lines (*Gossypium barbadense* L.) with Improved Fiber Qualities to Release New Lines As an Alternative for Suvin Variety of Barbadense. *Cotton Genomics and Genetics.*, **4** (1):1-12.

- **Yanal Alkuddsi**, Patil S.S., Manjula S. M., Patil B. C., Nadaf H. L. and Nandihali B. S. **2013**, Genetic Variability Studies in Segregating Generation of *Gossypiumbarbadense* lines in cotton. *Molecular Plant Breeding.*, **4** (25): 209-2013.
- **Yanal Alkuddsi**, Patil S.S., Manjula S. M., Patil B. C., Nadaf H. L. and Nandihali B. S. **2013**, Studies of Heterosis for Exploitation of Heterotic Boxes in Seed Cotton Yield and its Attributing Characters. *Cotton Genomics and Genetics.*, **4** (4): 45-59.
- **Yanal Alkuddsi**, Patil S.S., Manjula S. M., Patil B. C., Nadaf H. L. and Nandihali B. S. **2013**, Exploitation of Heterotic Pools of Hirsutum and Barbadosense for Developing Potential Inter Specific Hybrids in Cotton. *Intl. J. of Mol. Ecol. and Conserv.*, **3** (6): 34-55.
- **Yanal Alkuddsi**, Patil S.S., Manjula S. M., Patil B. C., Nadaf H. L. and Nandihali B. S. **2013**, Studies on Recombinational Variability for Combining Ability Among F4 Barbadosense Lines. *Intl. J. of Mol. Evol. and Biodivers.*, **3** (6): 33-49.
- **Yanal Alkuddsi**, M.R. Gururaja Rao., Patil S.S., Mukund Josh and T.H. Gowda. **2013**, Estimation of Genetic Parameters among Seed Cotton Yield and its Attributing Characters in Upland Cotton (*Gossypium hirsutum* L.). *Intl. J. of Mol. Evol. and Biodivers.*, **3** (5): 27-34.
- **Yanal Alkuddsi**, Patil S.S., Manjula S. M., Patil B. C., Nadaf H. L. and Nandihali B. S. **2013**, Heterosis Performance of Seed Cotton Yield and Physiological Parameters in F₁ Inter Specific Hybrids in Cotton. *Cotton Genomics and Genetics.*, **4** (5):60-72.
- **Yanal Alkuddsi**, Gururaja Rao M.R. and Patil S. S. **2012**, Investigation of Superior Parents and Hybrid Combinations in respect to Kapas Yield and Yield Attributing Characters and Forming Heterotic Boxes for Exploitation in Cotton (*Gossypium hirsutum* L.). Proc on Global Cotton Production Technologies *vis-à-vis* Climate Change, India, 231-242.

- **Yanal Alkuddsi**, Gururaja Rao M.R. and Patil S. S. **2011**, Heterosis of New Hybrids of Upland Cotton (*Gossypium hirsutum*L.) for Kapas Yield and its Attributing Characters. Proc on World Cotton Research Conference, India, 108.

- PatilS.S., Manjula S.M., **Yanal Alkuddsi**, Patil B. C., Rajeev S., Swathi P.and Ranganath H.M. **2010**, Impact of *Bt* Gene on the Relation between Vegetative and Reproductive Phase of Growth in Cotton. Proc on 2nd Annual Biotechnology Conference for Students, India, 14.

- **Yanal Alkuddsi**, Gururaja Rao M.R. and Patil S. S. **2010**, Estimating Combining Ability Effects and Forming Heterotic Boxes for Exploitation in Cotton (*Gossypium hirsutum*L.). Proc on Contemporary Approaches to Crop Improvement, India, 79.