



**11TH MEETING OF INTER-REGIONAL
COOPERATIVE RESEARCH NETWORK ON COTTON
FOR
THE MEDITERRANEAN AND MIDDLE EAST REGIONS**

Programme

November 05-07, 2012

Antalya



International Organization Committee

- ★ *Prof. Dr. Oktay Gençer*
General Coordinator of the Network
- ★ *Dr. M. Rafiq Chaudhry*
Head of the Technical Information Section of ICAC
- ★ *Prof. Dr. Aynur Gürel*
Head of the Breeding and Biotechnology Group
- ★ *Prof. Dr. Malgorzata Matusiak*
Head of the Technology Group
- ★ *Dr. Michel Cretenet*
Head of the Agronomy Group
- ★ *Dr. Michel Fok*
Head of the Economy Group
- ★ *Dr. Yaşar Akışcan*
Secretary of the Network Meeting

National Organization Committee

- ★ *Prof. Dr. Oktay Gençer*
- ★ *Prof. Dr. Aynur Gürel*
- ★ *Dr. Yaşar Akışcan*
- ★ *Assoc. Prof. Dr. Sema Başbağ*
- ★ *Assist. Prof. Dr. Remzi Ekinçi*
- ★ *Mr. Mustafa Yaşar*

Hotel Information

- Conference hotel* : *IC Hotels Green Palace (5*)*
Distance from the Airport : *15 km*
Distance to the city centre : *25 km*
Adress : *Kundu 07110, Antalya, TURKEY*
Web Site : *<http://www.ichotels.com.tr>*

**11th Meeting of the Inter-Regional Cooperative Research Network on Cotton for the
Mediterranean and Middle East Regions**

IC Green Palace Hotel, Antalya, Turkey

November 5-7, 2012

PROGRAMME

November 4, 2012. Sunday

15.00 – 17.30 Registration

18.00 – 19.00 Welcome Cocktail

19.30 Dinner

November 5, 2012. Monday

08.00 – 08.45 Continue Registration

09.00 – 10.30 Welcome and Inauguration

- ✓ Welcome/Opening of the Meeting
Dr. Oktay Gençer, General Coordinator of the Network
University of Cukurova, Adana, Turkey
- ✓ Welcome on behalf of the Government of Turkey
Dr. İsa Özkan, Head of Field Crops Department
Ministry of Food and Agriculture, Government of Turkey, Ankara
- ✓ Keynote Address-1
Cost of Production Structure is Changing in Cotton
Dr. M. Rafiq Chaudhry, Head of Technical Information Section, International
Cotton Advisory Committee, Washington DC, USA
- ✓ Keynote Address-2
Biotech Cotton: Development, Opportunities and Challenges
Dr. Yusuf Zafer, ICAC Researcher of the Year 2012
Director General, Agriculture & Biotechnology Division, Pakistan Atomic Energy
Commission, Pakistan (Currently posted as Minister (Technical), Permanent Mission
of Pakistan to the International Atomic Energy Agency, Vienna, Austria)

10.30 – 11.00 Coffee Break

11.00 – 12.00 Session 1; “Country Reports”

Moderater: Dr. Mohamed A. M. El-Sayed

- ✓ **Cotton Situation in Greece**
(Eleni Tsaliki & Apostolos Kalivas)
- ✓ **Turkey Cotton Report**
(Hüseyin Başal & Volkan Sezener)
- ✓ **Status of Organic Cotton Production in Turkey**
(Ülfet Erdal & Aynur Gürel)
- ✓ **Summary of current status of Cotton Research Program in the Sudan**
(Abdelrahman H.Latif)

12.00 – 13:30 Lunch

13.30 – 14.45 Session 2; “Breeding and Biotechnology - 1”

Moderater: Dr. Aglika Edreva

- ✓ **Identification of QTLs for Cotton Fiber Quality in a M5 Mutant Segregating Population**
(Bilyana Ivanova & Bojin Bojinov)
- ✓ **Characterization of *PROFILIN* Genes From Allotetraploid (*Gossypium hirsutum*) Cotton and Its Diploid Progenitors and Expression Analysis in Cotton Genotypes Differing in Fiber Characteristics**
(Apostolos Kalivas, Anagnostis Argiriou, Georgios Michailidis and Athanasios Tsiftaris)
- ✓ **Determination of Heterotic Effects of Seed Cotton Weight Per Boll in F1 Hybrids of Double Cross in Cotton**
(Remzi Ekinci, Sema Başbağ and Oktay Gençer)
- ✓ **Phule Anmol : *G. Arboreum* Genotype Released For Quality Fibre Introgressed From *G. Anomalum***
(R. W. Bharud)

14:45 - 15:15 Coffee Break

15:15 – 16:30 Session 3; “Breeding and Bio-Technology - 2”

Moderater: Dr. Bojin Bojinov

- ✓ **Recent Developments in Cotton Breeding and Biotechnology Fields in Turkey**
(Aynur Gürel & Volkan Sezener)

- ✓ **Effect of Drought Stress on Leaf Area in Cotton (*Gossypium hirsutum* L.)**
(Çetin Karademir, Emine Karademir, Osman Çopur and Oktay Gençer)
- ✓ **Effect of Heat Stress on Leaf Area in Cotton (*Gossypium hirsutum* L.)**
(Emine Karademir, Çetin Karademir and Oktay Gençer)
- ✓ **Estimation of Combining Ability Effects for Resistance to *Verticillium* Wilt (*Verticillium dahliae* Kleb.), Earliness and Seed Cotton Yield in Upland Cotton**
(Yaşar Akışcan & Oktay Gençer)

16:30 – 17:00 Coffee Break

17:00 - 18:30 *Session 4; “Agronomy - 1”*

Moderater: Dr. Hüseyin Başal

- ✓ **Performance of New Bulgarian and Foreign Cotton Varieties**
(Ana Stoilova & Neli Valkova)
- ✓ **Productivity and Economic Effect for Cotton Cultivated Under Different Inter-row Space and Irrigation Rate**
(Ivan Saldzhiev & Angelina Muhova)
- ✓ **The Role of Entomofauna in the Cotton’s Agroecosystem**
(Stefan Rashev & Yanko Dimitrov)
- ✓ **Photosynthetic Performance of New Bulgarian Cotton (*Gossypium hirsutum*) Varieties**
(Minka Koleva, Andon Vasilev, Ana Stoilova and Neli Valkova)

19:30 -22:00 – Dinner

November 06, 2012. Tuesday

9:00-10:15 *Session 5; “Agronomy - 2”*

Moderater: Dr. Raosahed Bhraud

- ✓ **The Antioxidant Potential: Factor of Abiotic Stress Tolerance in Cotton**
(A.Edreva, A.Gürel, L.Yildiz-Aktas, S.Dagnon, B.Yağmur, H.Hakerlerler, V.Velikova, T. Tsonev, E. Gesheva, B. İzci, Y. Oren and H. Akdemir)
- ✓ **Determination of Some Fertility Properties of Cotton Soils in the Antalya Region**
(İbrahim Çelik & Metin Durmuş Çetin)
- ✓ **Evaluation of Germination Ability of Cotton Cultivars under Artificial Stress Conditions (*Gossypium hirsutum* L.)**
(F.P. Xanthopoulos, U.E. Kechagia and E. I. Tsaliki)

- ✓ **Effect of Drought Stress on Water Use Efficiency and Leaf Temperature of Two Cotton Genotypes**
(Gülden Deniz Atasoy, Özgür Tatar, Aynur Gürel, Ana Stoilova, and Aglika Edreva)
- ✓ **Incidence of Cotton Bacterial Blight on Sudanese Open Cotton Cultivars in Comparison with Introduced Open & *Bt* Cotton Cultivars in the Rahad Scheme**
(Eltayeb, S.M; Ibrahim, S. and Elbadri, G.A.A.)

10:15 – 10:45 Coffee Break

10:45 – 11:45 *Session 6; “Agronomy - 3”*

Moderater : Dr. Gamal Elbadri

- ✓ **Photosynthetic Efficiency in *G. hirsutum* Cotton Hybrids Under Summer Irrigated Conditions**
(R. W. Bharud)
- ✓ **The Determination Effects of Potassium and Zinc Application to Rate of Photosynthesis, Fiber Yield and Quality on Cotton**
(Sema Başbağ, Bahar Tekin, Remzi Ekinci, Mustafa Yaşar and Yüksel Bölek)
- ✓ **Study of Cotton-Second Crop Rotation in Antalya**
(İbrahim Çelik, Metin Durmuş Çetin, Hüsniye Güteryüz, Önal Inan, Mustafa Çetinkaya and Can Geçkal)
- ✓ **The Effect of Plant Growth Regulators on Seed Cotton (*Gossypium spp. L.*) Yield and Lint Quality under East Mediterranean Climatic Conditions**
(Lale EFE)

11:45 – 12:15 Coffee Break

12:15-13:00 *Session 7; Poster Presentations*

Moderater: Dr. Michael Fok

- ✓ **Comparison of Different Methods to Determine the Leaf Area Index (LAI) of Cotton (*Gossypium hirsutum L.*)**
(Özgür Tatar, Gülden Deniz Atasoy, Uğur Çakaloğullari, and Emine Durmuş)
- ✓ **Introduction of Set Seed Company**
(Fehmi Gülyaşar)
- ✓ **Introduction of UTEM**
- ✓ **Calibrating the Micromat Instrument Using the HVI Output Data**
(Abeer. S. Arafa & Hanan M. Arafa)
- ✓ **Properties of Woven Fabrics Made from Compact, Ring and Open-End Rotor Cotton Yarns**
(Suzan H. Sanad & M. A. M. El-Sayed)
- ✓ **Combined Effects of Drought and Heat Stress on *Gossypium hirsutum L.* and *Gossypium barbadense L.***
(Özgür Tatar, Vaclav Hejnak and Jaroslava Martinkova)⁷

13:00-16:30 Lunch & Break Time

16:30- 17:45 *Session 8; “Economy - Fiber and Yarn Technology”*

Moderater: Dr. Hüseyin Kadoğlu

- ✓ **Bt Cotton Adoption and Variety Market Development: The Chinese Case**
(Naiyin Xu & Michel Fok)
- ✓ **Assessment of Fiber Technological Properties of New Bulgarian and Some Foreign Cotton Varieties with HVI and AFIS**
(Ana Stoilova, Malgozhata Matusiak and Neli Valkova)
- ✓ **Production of Carded Compact Cotton Yarn of Comparable Quality to the Combed Conventional Ring Yarn**
(M. A. M. El-Sayed, Suzan H. Sanad and H. E. M. Mahmoud)
- ✓ **The Prediction of Yarn Strength of Cotton Sirospun Yarns from AFIS Fiber Properties by Using Linear Regression Analysis**
(Tuba Bedez Ute & Hüseyin Kadoğlu)
- ✓ **Cotton Production and Research Status in Mozambique**
(Osvaldo Catine and Alexandre Pelembe)

19:30- 23:00 GALA DINNER

November 7, 2012. Wednesday

Moderators: Dr. Refiq Chaudhry - Dr. Oktay Gençer

09:30-11:00 Evaluation of the meeting

13:30- 18:00 Visiting to Perge (ancient city in Anatolia, now in Antalya province on the southwestern Mediterranean coast of Turkey.)

19:30 Dinner