



The Seventh International Scientific Agricultural Conference, SSAC-2012

Irbid – Jordan
October 8-10, 2012

Conference Program



Organized by:

**Faculty of Agriculture
Jordan University of Science & Technology (JUST)
Irbid – Jordan
October 2012**

Conference Schedule

First day
Monday: 8 October 2012

8:15 - 9:00	Registration	Al-Farouq Outside Area (East)
9:30 - 10:30	Opening Session	Al-Farouq Auditorium
10:30 - 11:00	COFFEE BREAK	Al-Farouq Outside Area (West)

KEYNOTE SPEAKERS **Al-Karama Auditorium**

Chairman: Prof. Rida Shibli

11:00 - 11:45	Nanotechnology in agriculture and food industry	Prof. Amarendra Misra, India
11:45 - 12:30	The higher education in agriculture and the inquiries of private sector	Eng. Sameer Owais, Jordan

12:30 - 14:00 LUNCH BREAK (UNIVERSITY RESTAURANT)

Plenary Sessions

Session 1A: Plant Production

Salah Eddin Auditorium: Room [1]

Chairman: Prof. Amarendra Misra

Rapporteur: Prof. Munir Turk

14:00 - 14:15	Effect of sodium azide and row spacing on improvement of cowpea (<i>Vigna sinensis</i> L.) crop	Prof. Mohammed Ibraihi, Iraq
14:15 - 14:30	Combining ability analysis in maize under different planting dates and nitrogen rates	Prof. Mohamed Abd El-Aty, Egypt
14:30 - 14:45	Growth and yield of okra as influenced by different growth regulators	Prof. Muhammad Amjad, Pakistan
14:45 - 15:00	Jerusalem artichokes for Jordan	Prof. Abbas Al-Jamali, Jordan

15:15 - 16:00 COFFEE BREAK AND POSTER VIEWING

Session 1B: Plant Production

Salah Eddin Auditorium: Room [1]

Chairman: Prof. Mohamed Abd El-Aty

Rapporteur: Dr. Khalaf Malkawi

16:00 - 16:15	Identification of QTL associated with drought tolerance of barley (<i>Hordeum vulgare</i> L.)	Dr. Heba Al-Fares, Palestine
16:15 - 16:30	Molecular cloning and expression of 12-oxophytodienoic acid reductase gene from barley	Dr. Saeid Abu-Romman, Jordan
16:30 - 16:45	Hormonal seed priming invigorates lettuce achenes at supraoptimal temperature (35°C) conditions	Dr. Muhammad Jahangir, Pakistan
16:45 - 17:00	Evaluation of wheat genotypes under varied environments and climate changes	Dr. Khalaf Hamam, Egypt
17:00 - 17:15	Quantifying water use in trees	Dr. Ghazi Abu Rumman, Australia

20:00 - 22:00 DINNER (UMM QAIS RESTURANT)

Session 2: Food Technology and Nutrition

Salah Eddin Auditorium: Room [2]

Chairman: Prof. Hanan Malkawi

Rapporteur: Dr. Bushra Sultana

14:00 - 14:15	تأثير التدعيم بانزيم اللايسوزايم و EDTA والناثاميسين على قابلية الأعشبية القابلة للأكل في حفظ الأجبان	Dr. Hameed Jabur, Iraq
14:15 - 14:30	Effect of probiotic hummus on blood lipids of rats	Dr. Narmeen Al-Awwad, Jordan
14:30 - 14:45	Detection of some antimicrobial preservatives in commercially produced labaneh in Jordan	Dr. Yousef Tawalbeh, Jordan
14:45 - 15:00	تأثير إضافة بعض الخمائر التجارية في الخواص الريولوجية للعجين	Dr. Mohamad Wajieh Said, Iraq
15:00 - 15:15	Hypocholesterolemic effect of supplementation of probiotics, phytosterols alone or in combination on serum and hepatic lipid profile and thyroid hormones modulation of hypercholesterolemic rats	Dr. Saddam Awaisheh, Jordan

15:15 - 16:00 COFFEE BREAK AND POSTER VIEWING

Session 3: Animal Production

Salah Eddin Auditorium: Room [2]

Chairman: Prof. Mustafa Beni-Domi

Rapporteur: Dr. Raed Al-Atiyat

16:00 - 16:15	Effect of different levels of molasses on nutritive value and <i>in vitro</i> gas production of sesbania (<i>Sesbania sesban</i>) silage	Dr. Ashwaq Hassan, Iraq
16:15 - 16:30	Effect of primalac or enramycin supplementation on performance, intestinal morphology and microbiology of broilers under <i>Clostridium perfringens</i> challenge	Dr. Alaeldein Abudabos, Saudi Arabia
16:30 - 16:45	Effect of using ethyl alcohol extract and ginger on some microbes contaminated cow milk	Prof. Natic Al-Kudsi, Iraq
16:45 - 17:00	Performance and carcass characteristics of finishing black goat kids fed different oil supplemented diets	Prof. Jamal Abo Omar, Palestine

20:00 - 22:00 DINNER (UMM QAIS RESTURANT)

Session 4: Environment and Economics

Al-Karama Auditorium

Chairman: Prof. Ayed Al-Omary

Rapporteur: Prof. Alaa Salih Ati

14:00 - 14:15	دور المجتمع المدني العربي في دعم سياسات الأمن الغذائي	Eng. Razan Zuayter, Jordan
14:15 - 14:30	المردود الاقتصادي لإستخدام الأعلاف غير التقليدية في تغذية ماشية اللبن بمحافظة الفيوم	Dr. Mohamed Said, Egypt
14:30 - 14:45	تقييم إعادة الإنبات الطبيعي لنباتات القطف الملحي <i>Salsola vermiculata</i> والحمض <i>Atriplex halimus</i> في منطقة الماجدية	Eng. Yahya Alsatari, Jordan
14:45 - 15:00	تجربة ميدانية لنظام الزراعة بدون تربه في الأردن	Eng. Atallah AL-Wahwah, Jordan

15:15 - 16:00 COFFEE BREAK AND POSTER VIEWING

20:00 - 22:00 DINNER (UMM QAIS RESTURANT)

Second day
Tuesday: 9 October 2012

KEYNOTE SPEAKER
Al-Karama Auditorium

Chairman: Prof. Abbas Al-Jamali

9:00 - 9:45 **Role of ACSAD in reducing food security gap in Arab world** **Eng. Ali Shehadeh, Syria**

9:45 - 10:30 **COFFEE BREAK AND POSTER VIEWING**

Plenary Sessions

Session 1: Animal Production , Food , Water

Salah Eddin Auditorium: Room [1]

Chairman: Dr. Hosam Al-Tamimi

Rapporteur: Prof. Mufeed Alnimer

10:30 - 10:45 تغذية الأغنام العواسية على تين الشعير المعامل بالمعزز الحيوي (Iraqi propioteic(IP) وأثره على بعض الصفات الدمية والكيميا حيوية **Dr. Wafaa Alsamarabee, Iraq**

10:45 - 11:00 تأثير مدة بقاء الأفراخ في المفقس بعد الفقس في وزن كيس الصفار المتبقي ونسبة الفقد في وزن الجسم وبعض الصفات الانتاجية لفروج اللحم **Dr. Watheq Mustafa, Iraq**

11:00 -11:15 Effect of presynchronization strategy prior to cosynch protocol on reproductive efficiency in lactating dairy cows **Prof. Mufeed Alnimer, Jordan**

11:15 - 11:30 Estimation of breeding values of white leghorn chicken based on egg production **Dr. Ahmed Al-Nedawi, Iraq**

11:30 -11:45 Sustainable breeding program of Hejaz goat for conserving genetic diversity **Dr. Raed Al-Atiyat, Saudi Arabia**

11:45 -12:00 Food waste reduction revolution: turning science into technology in agriculture **Prof. Abbas Al-Jamali, Jordan**

12:00 - 12:15 Adipose tissue remodeling and its effect on insulin sensitivity in obese individuals: a critical review **Eng. Asma' Albakri, Jordan**

12:15 - 12:30 Reversal of obesity and metabolic disorders by exercise in high-fat diet-induced obese C57BL/6 mice **Eng. Israa Mahmud, Jordan**

12:30 – 12:45 Relationship between serum estrogen, ghrelin and leptin levels, and body composition in a group of Jordanian female students aged 18-25 years **Eng. Ruba Abu-Taleb, Jordan**

12:45-13:00 Influence of irrigation with reclaimed water on the existence of certain contaminants in fresh vegetables grown in the Jordan Valley Dr. Mohammad Khraisha, Jordan

13:00 – 13:15 الأمن الغذائي تحت ظروف العجز المائي Eng. Ilham Abu Eisheh, Jordan

13:15 – 13:30 أثر الري التكميلي والسماذ العضوي السائل على إنتاج الزيتون Dr. Mahmoud Rahil, Palestine

13:30 – 13:45 Dimension of water crisis on agriculture sector in the occupied Palestinian territory Dr. Tahseen Sayara, Palestine

13:45 - 14:30 LUNCH BREAK (UNIVERSITY RESTAURANT)

14:30 – 15:30 FINAL SESSION: RECOMMENDATIONS AND CLOSURE
Chairman: HE. Prof. Fayez Khasawneh **Rapporteur:** Prof. Ghazi Al-Karaki

20:00 – 22:00 DINNER (AL-QANATER RESTURANT, AL-HUSN)

Session 2: Plant Production and Plant Protection

Salah Eddin Auditorium: Room [2]

Chairman: Prof. Elshafeey Ibrahim

Rapporteur: Dr. Firas Al-Zyoud

10:30 - 10:45 Variation in the antioxidant potential of *Spinacia oleracea* in response to application of plant growth regulators Dr. Bushra Sultana, Pakistan

10:45 - 11:00 Secondary metabolites of threatened Jordanian species; *Crocus moabiticus* and *Crocus hyemalis* Dr. Maha Syouf, Jordan

11:00 -11:15 تأثير الرش بمادة "التوماتيرم" على إنتاجية أشجار الزيتون Dr. Saleh Shdiefat, Jordan

11:15 - 11:30 The role of levels of irrigation and deficit irrigation treatments on consumptive water use, growth and yield of *Vicia faba* L. Prof. Alaa Salih Ati, Iraq

11:30 -11:45 Improving water use efficiency of lettuce (*Lactuca sativa* L.) using phosphorous fertilizers Eng. As'ad Al-Khader, Jordan

12:15 - 12:30 Biology, predation potential and preferences of the predator *Serangium parcesetosum sicard* (Col., Coccinellidae) in Jordan Dr. Firas Al-Zyoud, Jordan

12:30 - 12:45 Studying population trends and thermal units of codling moth *Cydia pomonella* (L.) (Lep: tortricidae) and its control Eng. Hanna Madanat, Jordan

12:45 - 13:00 Determination of latent infection with *Spilocaea oleagina* on olive trees cultivar Nabali in Palestine Dr. Mazen Salman, Palestine

13:00 - 13:15 Effects of nitrogen fertilizers on the root-knot nematode *Meloidogyne javanica* and its interaction with cucumber Dr. Muwaffaq Karajeh, Jordan

13:15 - 13:30 Efficiency of Jordanian *Trichoderma harzianum* (Rifai) isolates against *meloidogyne javanica* (Treub) on tomato (*Lycopersicon esculentum* Mill.) Dr. Nofal Al-Ameiri, Jordan

13:30 - 13:45 المكافحة الاحيائية لمرض سقوط البادرات المتسبب عن *Rhizoctonia solani* على الطماطة تحت ظروف البيت البلاستيكي Dr. Oadi Matni, Iraq

13:45 - 14:30 **LUNCH BREAK (UNIVERSITY RESTAURANT)**

14:30 – 15:30 **FINAL SESSION: RECOMMENDATIONS AND CLOSURE**
Chairman: HE. Prof. Fayez Khasawneh **Rapporteur:** Prof. Ghazi Al-Karaki

20:00 – 22:00 **DINNER (AL-QANATER RESTURANT, AL-HUSN)**

Wednesday: 10 October 2012

8:30 AM – 20:30 PM **FIELD TOUR TO SOME AGRICULTURAL FARMS AND HISTORIC PLACES INCLUDING:**

- Umm Qais Historic Place
- Eng. Kamal Sari Orchard (Middle Jordan Valley)
- University of Jordan Experimental Farm
- Dead Sea Panorama