



24th International Symposium of the Scientific Centre for Fertilizers

“Plant nutrition and fertilizer issues for specialty crops”

September 6-8, 2016
Coimbra, Portugal

Jointly organized by:



IIIUC INSTITUTO DE INVESTIGAÇÃO INTERDISCIPLINAR
UNIVERSIDADE DE COIMBRA



University of Coimbra (UC), Coimbra, Portugal
Institute for Interdisciplinary Research of the University of Coimbra (IIIUC)
Centre for the Research and Technology of Agro-Environmental and Biological Sciences
(CITAB), Vila Real, Portugal
EU-FP7 Project Eurolegume (GA 613781)
International Scientific Centre of Fertilizers (CIEC), Braunschweig, Germany
Institute for Crop and Soil Science, Julius Kühn-Institut, Braunschweig, Germany



First Circular

Scope of the conference and research subjects welcomed

The 24th CIEC symposium is thematically dedicated to **plant nutrition and fertilizer issues for specialty crops**. Though Portugal is not big in size it is a country of extremes. In the north-western parts precipitation may be as high as 2,000 mm while it is as low as 400 mm in the south-east. Adaptation of crop plants to drought will play a key role with view to climate change.

Plant production in the Iberian Peninsula is characterized by the cultivation of specialty crops such as grapevine, cork oak, eucalyptus, olives, almonds and citrus fruits. In particular, forest fuels such as fast growing and drought-adapted eucalyptus offer the chance to utilize residual biomass and to reduce net costs of stand clearance. Environmental conditions, for example drought, salinity and micronutrient deficiency cause regularly stress conditions for plants. Fertilization with micronutrients alleviates acute and latent deficiencies and offers the possibility to naturally fortify plant products, for instance with Ca, Fe, Zn and I. All these growth factors impede the efforts of plants to acquire water and nutrients and the utilization efficiency of fertilizers. Thus contributions on research about stress alleviating plant nutrition and technologies to improve fertilizer efficiency are highly welcome.

The conference will concentrate on **three major topics of global interest** though the presentation of innovative data in fertilizer research is appreciated explicitly. These are:

- 🌱 **Nutrient stress and crop productivity**
- 🌱 **Nutrient stress and crop quality**
- 🌱 **Fertilizer strategies to alleviate abiotic and biotic stress**

In invited lectures internationally highly acknowledged scientists will present cutting-edge research and state-of-the-art facts for each of the themes. The symposium brings scientists together from all over the world interested in the specifics of nurturing plants under stress conditions. Delegates will leave the symposium having shared ideas, having contributed to the body of knowledge concerning fertilizer use, and having made friends and contacts for future research.



Important Deadlines

Response to the invitation and submission of abstracts: **May 15, 2016**

Acceptance letter of contribution: **May 30, 2016**

Circulation of second announcement with preliminary program: **June 15, 2016**

Submission of full papers for publication: **any time after the symposium**

Circulation of final program: **August 1, 2016**

Abstracts

Delegates are invited to submit title and an abstract of not more than 2 pages (A4, 12 Times New Roman 12, 1.5 lines spacing, margins: top, bottom, left, right each 2cm) before **May 16, 2015** to the symposium secretariat: citab@utad.pt. The submitted abstracts will be reviewed by the scientific committee and the decision will be forwarded to the corresponding author before **May 30, 2016**.

Publishing

Authors of contributions accepted for presentation at the symposium are invited to accomplish a full paper. **The manuscripts can be submitted to the Journal for Cultivated Plants** after the Symposium. All manuscripts are subjected to peer-reviewing.

Oral/Posters presentations

Participants should clearly indicate whether they prefer an oral or poster presentation when submitting their abstract.

Scientific Excursion

A mid-term scientific excursion will be organized and give participants an insight into agricultural production of specialty crops in the warm climates.

Official Language of the Symposium

Delegates have to ensure that **all papers and presentations are in English** before the commencement of the symposium as there will be no translation facilities.



Venue & Accommodation

The **symposium will be held at Hotel Dona Inês, in Coimbra** (<http://www.hotel-dona-ines.pt/>). Closest international airports are Porto (130 km) and Lisbon (200 km). Take the Metro do Porto Line E from the Airport in Porto to Campanhã station. From Porto Campanhã, fast trains run about once every hour to Coimbra-B station. The journey is about one hour. From Lisbon airport go to Lisboa Oriente underground metro trains. From Lisbon, fast trains run about once every hour to Coimbra-B station. The journey is about 95 – 120 minutes.

Registration

Participants register for the symposium and the scientific excursion with the Secretariat (citab@utad.pt). Lectures, abstract proceedings, coffee breaks, lunch and dinner during the symposium are available in the hotel. Participants make themselves binding bookings for the reservation directly with the hotel.

Participants may expect the following costs:

- A. Symposium package **without** accommodation (abstract proceedings, refreshments, lunches, scientific excursion and conference dinner):
250,00 €
- B. Room Prices for the Symposium (**Reservations to be made by the participants**):
 - 🛏 Single room: 51 euros per night, breakfast included;
 - 🛏 Double room: 61 € per night, breakfast included.

Contacts of Hotel Dona Inês: reservas@donaines.pt | +351 239 855 800

The 2nd circular will include detailed information on deadline for booking at the hotel.

Symposium Secretariat

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Local Organizing Committee

Prof. Dr. Eduardo Rosa

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(<http://turismodecoimbra.pt/en/>) (<https://www.visitportugal.com/en/>)

A BRIEF INTRODUCTION TO CIEC (CENTRE INTERNATIONAL DES ENGRAIS CHIMIQUE)

Founded in 1933, CIEC is the oldest scientific organization solemnly dedicated to fertilization. CIEC is a non-profit, non-governmental organization (NGO) and actually organized as a task force with membership on invitation only. The CIEC task force consists actually on the President (Ewald Schnug, Germany) + 4 Vice Presidents (Francesco Montemurro (Italy), Zhengyi Hu (People's Republic of China), Nils Vagstad (Norway), Luit de Kok (The Netherlands)), the Secretary General Silvia Haneklaus (Germany), the deputy Secretary General Bettina Eichler-Löbermann (Germany) and the Honorary President Cristian Hera (Romania).

CIEC'S PAST, PRESENT AND FUTURE EVENTS

16 World Fertilizer Congresses (4 year rotation)

Italy (3), Heidelberg, Opatija, Zurich, Lisbon, Vienna, Moscow, Budapest, Nicosia, Ghent, Beijing, Chiang Mai, Bucharest, Rio de Janeiro, scheduled: Shenyang

25 Fertilizer Symposia (annually)

Vienna (2), Benghazi, Braunschweig (2), Balatonfured, Nicosia, Berlin, Salamanca, Kusadasi, Pulawy, Suceava, Tokat, Debreceen, Pretoria, Ghent, Cairo, Roma, Goslar (2), Santa Clara, Bari, Helsinki, Son, Coimbra, scheduled: Groningen, Braunschweig, Ho Chi Minh City (scheduled)