



PO Box 5466, Aleppo, Syria
Tel +963 21 2213433, 2225112
www.icarda.org

Associate Scientist - Chickpea Breeding

Position specification

Internationally Recruited Position (P Level)

Reports to: Principal Chickpea Breeder in the Biodiversity and Integrated Gene Management (BIGM) Program

Location: Aleppo, Syria

Closing date: 10 November 2010

Main purpose of the position

The Research Associate in the Chickpea Breeding Program will support the main breeding program in identification and introduction of valuable new traits into chickpea and development of improved chickpea germplasm for abiotic and biotic stresses including drought, high temperature, and Fusarium wilt.

About ICARDA

The International Center for Agricultural Research in the Dry Areas (ICARDA) is an international autonomous, non-profit, research center based in Aleppo, Syria, supported by the Consultative Group on International Agricultural Research (CGIAR). We are committed to the improvement of livelihoods of the resource-poor in dry areas by enhancing food security and alleviating poverty through agricultural research, and the equitable use and conservation of natural resources. For more details: www.icarda.org

Main responsibilities

- Apply classical breeding and novel approaches (QTLs, LD, multi parental crosses to study complex traits.
- Apply genomic tools for the identification and introgression of novel traits and genes into cultivated chickpea from land races and wild relatives.
- Assist in developing and maintaining genetic resources: genetic mapping populations, introgression lines and TILLING populations.
- Assist in developing, validating and implementing phenotyping methodology.
- Assist in organizing and implementing field and laboratory research programs both at ICARDA and with collaborating NARS partners in chickpea improvement.
- Contribute to the training and capacity development in chickpea improvement including the preparation of training and extension materials.
- Analyse multi-environment data using an appropriate software package, prepare reports and draft manuscripts for publication in scientific journals.
- Assist in the preparation of project proposals for funding.
- Perform any other duties as required.



PO Box 5466, Aleppo, Syria
Tel +963 21 2213433, 2225112
www.icarda.org

Education, qualifications and experience

- PhD in Plant Breeding, Plant Genetics, or related discipline required.
- Good knowledge of quantitative genetics applied to plant breeding; genetic linkage, QTL and association studies analyses.
- Experience with collecting, and analyzing experimental data, and experimental design and with relevant statistical software required.
- Experience with field and greenhouse work required.
- Experience with chickpea is desirable, but not required.
- Ability to initiate and manage large projects with multiple partners worldwide.
- A proven record in research through peer-reviewed publications.
- Fluency in English and knowledge of a second language such as French or Arabic would be an advantage.
- Good inter-personal skills and an ability to work with multi-disciplinary and multi-cultural teams.

Terms of appointment, salary and benefits

This is an **Internationally Recruited Position (IRS)**

The initial contract will be for 1 year, renewable based on performance. For more details:

[Terms of Appointment-P Level](#)

How to apply

Please apply online at www.icarda.org/iea/ by **10 November 2010**.

We are an equal opportunity employer and encourage applications from women.

Applications will be acknowledged, but only shortlisted candidates will be contacted.