Vice-Chancellor Nau <vc@nau.in>

"Phenotyping for drought adaptive traits and their introgression for crop improvement"_@ UAS Bengaluru

1 message

Udayakumar M <udayakumar_m@yahoo.com> Fri, Aug 19, 2016 at 12:55 PM
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Dear Sir,

We, at the Department of Crop Physiology, University of Agricultural Sciences, Bangalore are conducting a training programme entitled **"Phenotyping for drought adaptive traits and their introgression for crop improvement"** for 8 days from 17th to 24th October 2016 (See the advertisement in Current Science, vol. 111, No. 3, 10 August 2016, page 579 for details).

This programme will be useful for scientists/ teachers/ research associates/ research fellows working in the area of phenotyping for drought tolerant traits with specific emphasis on crop/ plant physiological aspects. I request you to recommend one or two deserving candidates from your institution for the training programme. The boarding and lodging charges during the training programme will be sponsored by the funding agency. Please see that the application through proper channel reach us by 16th September 2016.

Director of Research & Dean P.G.S.
N.A.U. Navsari
INWARD NO.: C309
DATE: 23/8/16

Thanking you.

Yours sincerely

M. Udayakumar

PSVC/

Prof. M. Udayakumar,
Department of Crop Physiology,

University of Agricultural Sciences,
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text for advertisement in CS.docx
13K

Training Programme on

Phenotyping for drought adaptive traits and their introgression for crop improvement

17–24 October 2016

Department of Crop Physiology, University of Agricultural Sciences, Bengaluru 560 065

Scope of training course on drought

Drought is the most complex abiotic stress and the task of addressing crop improvement (adaptation) under water limited conditions is a formidable one and will requires a concerted approach. It involves meteorological analysis to water balance models and understanding physiological and molecular responses of plants to moisture stress. Therefore, there is need for a comprehensive approach towards addressing the issue of crop improvement for drought tolerance. Phenotyping for drought adaptive traits by screening the genotypes/accession and QTL discovery has been the current priority. It is clearly evident that discovery of appropriate genomic regions that govern the variability in a trait entirely depends on the ability to accurately assess the genetic variability in the trait, molecular characterization of the population with appropriate molecular markers and the use of the correct statistical algorithms to associate markers and trait. These activities would pave way for the evolution of a robust markers assisted breeding to meet the envisaged goals. The training course is designed to provide state-of-the-art theoretical basis for phenotyping different adaptive traits and molecular breeding approaches. The main focus of the training programme is to provide hands on training on the aspects of phenotyping for drought tolerance.

Eligibility and selection

The training programme is being organized by the Department of Crop Physiology, UAS, Bengaluru with financial assistance from the Niche Area of Excellence project of the ICAR. The training course is designed for faculty and scientists/researchers/postdoctoral/students and will be for the duration of eight days from 17 to 24 October 2016. Eligible faculty/scientists/postdoctoral fellows/Ph.D. students, who wish to participate in the training programme, may submit their brief curriculum vitae including name, date of birth, sex, educational qualifications, experience, position held, postal, e-mail address and phone number and a brief write up on motivation to attend the training programme on/before 16th September 2016. Application sent through proper channel duly approved by the institution will be considered (attach the letter of approval with the application). Preference will be given to individuals below 45 years of age.

Accommodation

Accommodation will be arranged for the participants on sharing basis for the period of training. No TA/DA will be provided to the participants attending the training programme.

Contact address:

Course Director: Dr. M. S. Sheshshayee

Course Co-ordinators: Dr. M. Udayakumar and Dr T. G. Prasad

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