CLIMATE CHANGE

Institute for Agricultural Research on Climate Change

UAS Dharwad is the First Institute in India to implement dissemination of real-time short range weather forecasts to interested farmers through bulk messaging since 2009 under the RKVY Project “Institute of Agricultural Research on Climate Change”. Presently 10,000 farmers receive these messages regularly for implementing their field operations. Many farmers are benefited by adopting weather forecast based farm management.

India’s first “High CO$_2$ with elevated canopy temperature in open top chamber facility (OTC)” has been established at University of Agricultural Science, Dharwad on 18-09-2013 under the RKVY Project “Institute for Agricultural Research on Climate Change”.

OTC Facility at IARCC
Data acquisition

Synoptic Information

Interpretation & Forecast preparation

AICRPAM & IARCC

Outreach

Web based District-wise Bulk SMS of WF

Vernacular script and English transliteration

Web download

www.imd.gov.in
www.sat.dundee.ac.uk
oiswww.eumetsat.org
Monsoondata.org

Message: ರಾತಿ/ ರಸುವಿರಲು ಹೇಗೆ ಮತ್ತು ಹೆಸರು
(Rainfall is expected in evening/night)

Feedback:

- Forty farmers in four taluks of Bijapur district
- Sixty farmers in five taluks of Dharwad district

11.00 a.m.
Accomplishments:

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