



**University of Agricultural and Horticultural
Sciences, Shimoga, Karnataka**

Indian Meteorological Department-New Delhi

Gramin Krishi Mausam Sewa-Brahmavar



FARMERS AWARENESS PROGRAMME ON

**“Climate Change and its impact on Agricultural and
Horticultural crops”**

Zonal Agricultural and Horticultural Research Station-Brahmavar

2015

**ONE DAY FARMERS AWARENESS PROGRAM ON
“Climate Change and its impact on Agricultural and Horticultural crops”**

DATE : 17-01-2015

VENUE : Seminar Hall, ZAHRS, Brahmavar

TIME : 10:00 AM

Program

Inaugural function

Invocation	: Farm Women
Welcome and	: Dr. K.V. Sudhir Kamath
Introductory Remarks	Agronomist, ZAHRS, Brahmavar
Inauguration	: Dr. Kuchelayya Retired Senior Horticultural Officer, Udupi
Introduction about the Program	: Dr. M. Hanumanthappa Associate Director of Research ZAHRS, Brahmavar
Addressing Guest	: Dr. Dhananjaya B. Associate Professor (Agri. Extension) ZAHRS, Brahmavar
Chief Guest	: Dr. Jayalakshmi Narayan Hegde Programme Co-ordinator, KVK, Udupi
	: Dr. Lakshmana ARS, Ullal, Karnataka
	: Dr. S.U. Patil Professor (Agri. Entomology) ZAHRS, Brahmavar
High Tea break	: 11.30 -12.00 AM
Lead Speaker and discussion	: Dr. N.P. Mrutyunjaya Patil Assistant Meteorologist (Grade-I) MC, Bengaluru
Lunch break	: 1.30 -2.30 PM
Lead Speaker and discussion	: Dr. S. Shridhara Principal Nodal Officer, UAHS, Shivamogga
	: Dr. M. Hanumanthappa Associate Director of Research ZAHRS, Brahmavar
Vote of Thanks	: Mr. Ranjith T. H. Technical officer, GKMS Unit, ZAHRS, Brahmavar

Field visit to Agrometeorology Observatory by Farmers at 4.00 Pm to 5.00 PM

Report of the One Day Farmers Awareness Program
on
“Climate Change and its Impact on Agricultural and
Horticultural crops” held on 17th January 2015 at
Seminar Hall, ZAHRS, Brahmavar.

One day Farmers Awareness program was conducted on 17-01-2015 at Seminar Hall, ZAHRS, Brahmavar. About 78 farmers from Udupi and Dakshina Kannada districts, Scientists and Staff of Zonal Agricultural Research Station and Krishi Vigyan Kendra, Brahmavar have participated in the programme. Four resource persons from disciplines of University, line departments and Meteorological Centre Bangalore were invited to deliver lectures in this one day program.

Participants have been provided with two folders namely Climate and Agriculture (Kannada version) and Climate Change and its impact on Agriculture (Kannada version) along with note pad, pen and file. Tiffin and Lunch arrangements were made for the participants.

The Farmers Awareness Programme was started with registration of participants at 9.30 am. The meeting was organized under the chairmanship of Dr. M. Hanumanthappa Associate Director of research, Zonal Agricultural and Horticultural Research Station, Brahmavar. With an invocation from our farm women programme was inaugurated by Lighting of lamps by Dr. Kuchelayya Retired Senior Horticultural Officer, Udupi, other dignitaries and farmers

Dr. K.V.Sudhir Kamath, Senior Farm Superintendent, ZAHRS, Brahmavar welcomed the participants and briefed about the achievements and importance of AMFU-Brahmavar in weather forecast and its relation with agriculture. He elucidated the importance of Awareness Programme to farming community. He also

briefed dissemination of Agromet Advisory bulletins, role and its importance and expressed his gratitude for active involvement of all scientists, officers, Media, KVK's ATMA, NGO's and other line department for their kind support in preparation and dissemination of Agromet Advisory bulletin to the farming community of Udupi and Dakshina kannada districts.



Dr. M. Hanumanthappa, Associate Director of Research presided over the function and briefed about the topic on Climate change and its impact on agriculture to the audience. He also highlighted the Changes in rainfall trends in different districts of the State and cropping pattern in few districts along with the seasonal shift in rainfall required for agriculture. He also briefed the audience about the impact of raise in temperature on spread of pest and their impacts on cashew flowering and yield. Further he emphasized that the farming community should take up their cropping system and day to day agricultural operation based on the climate changes occurring. He also informed that this type of programs are

organized to create an awareness in the minds of farming community about the climate changes and its impact on agriculture and the Agro Advisories to be followed by the farming community to overcome the adverse effect of Climate change on agriculture in view of realizing the potential yield of the crops. He expressed his gratitude to IMD for giving an opportunity to popularize importance of climate change and its impact on Agricultural and Horticultural crops. By the end he requested all farming community to register their names and help others to register by sending message (9844670231) to receive rainfall forecast, weather related agro advisories at your fingertips.

On this occasion Two folders were released namely Climate and Agriculture (Kannada version) and Climate Change and its impact on Agriculture (Kannada version) by chief speaker **Shri. Kuchelayya**, Retired Senior Horticultural Officer, Udupi and Dr. N.P. Mrutyunjaya patil Assistant Meteorologist (Grade-I), MC, Bengaluru.



Dr. S. Shridhara, Principal Nodal Officer, UAHS, Shimoga. Briefed about the importance of climate in relation to agriculture and horticulture crops. Role of GKMS in preparation and dissemination of Agromet Advisory Services and how best the farmers should use it for improve or increase in crop yields. All these information will help farmer to generate or understand the climate and agriculture.

Dr. Jayalakshmi Narayan Hegde, Programme Coordinator KVK Udupi. Elucidated the activity of KVK to the farmers and importance of training programme for the production aspects which helps in increasing yield. But, this is very unique training to the farmers on how the climate changes will impact agriculture and how to use weather forecast for agricultural operations.



Shri. Kuchelayya, Retired Senior Horticultural Officer, Udupi. Addressed the farmers to utilise the training programme and adopt the technologies like AAS bulletin and SMS for the farm operation, which helps farmers for timely operation and save high investment for the farm operation.

Scientist from different facility delivered the lecture on following topics :

SI No.	Topic	Name of Speaker
1.	Agromet Advisory Services its role and working area	Dr. M Hanumanthappa
2.	Weather forecasting - Types and its usage	Dr. N.P. Mrutyunjaya Patil
3.	Weather recording instruments their installation, observation and usage	Dr. N.P. Mrutyunjaya Patil
4.	Weather forecasting and its relationship with Agriculture	Dr. N.P. Mrutyunjaya Patil
5.	Climate change and its impact on Agricultural crops	Dr. S. Shridhara
6.	Climate change and its impact on Horticultural crops	Dr. S. Shridhara
7.	Weather based cropping selection and cropping system	Dr. K. V. Sudhir Kamath
8.	Pests and Climate	Dr. S. U Patil

During the farmer's interaction session, all most all the farmers have appreciated the topics discussed in the program and expressed that this type of programs should be conducted every year at Taluk and Hobli levels covering the district. The meeting was ended at 5.00pm with vote of thanks to all the participants by Mr. Ranjith T H. Technical Officer, GKMS, ZAHRS, Brahmavar.

Mr. Ranjith T H
Technical Officer

Dr. M. Hanumanthappa
Nodal Officer

Copy submitted to:

- DDGM Dr.K.K.Singh, Agrimet Division, New Delhi.
- The Deputy Director General (Agromet), IMD, Shivajinagar, Pune for information.
- Dr.N.Chattopadya, Director (Agromet), IMD, Shivajinagar, Pune for information.
- The Director of Research, UAHS, Shivamogga.
- The Director, Met Centre IMD, Palace Road, Bangalore.
- Office Copy.