

# FARMERS INTERACTION MEET

On

*Krishi Mausam Sewa Aur Eske Labh*

*Date & Time: January 24, 2015 (Saturday) at 15:30 Hrs*

*Venue : R/O Shri Om Prakash Kamboj, Vill: Bullawala, PO: Doiwal, Distt.: Haridwar*

**Sponsored by**



**India Meteorological Department,  
Ministry of Earth Sciences  
Government of India**

**Prepared by**

**Dr S.K.Tripati** , Nodal Officer

**Mr Sunil Dubey**, SRF

**Organized by**



**AMFU-Roorkee**

**INDIAN INSTITUTE OF TECHNOLOGY ROORKEE**

Department of Water Resources Development and Management

**Roorkee-247667 (Uttarakhand) India**

**JANUARY 2015**

## **OVERVIEW**

Agriculture is the pulse of our country and by and large forms the backbone of national economy. However, in order to keep pace with the increasing population, the growth in agricultural production should be sustainable in the long run. Uncertainties of weather and climate pose a major threat to food security of the country. Besides, uncertainty of climate and weather, expected climate change and extreme weather and climatic events such as severe droughts floods or temperature often socks the farming community leading to declining agricultural production. To increase the interaction between the local farming communities and the Meteorological Centres (MCs), Agro Meteorological Field Units (AMFUs) Farmer Awareness Programmes on Weather, Climate and Farmers was organised to sensitize farmers about the weather and climate information and its applications in operational farm management.

One day farmer interactions meet on the topic “Krishi Mausam Sewa Aur Eske Labh” was organized by the AMFU Roorkee, Department of Water Resource Development and Management, Indian Institute of Technology Roorkee. Programme is one of the core mandates of India Meteorological Department project “Gramin Krishi Mausam Seva” funded by Ministry of Earth Science, Government of India. Major aim of the GKMS project is to provide weather based agro advisory service to the farming community, under this section Roorkee is one of the Agrometeorological Field Unit of IMD directly dealing with the farmers of Dehradun, Haridwar and Pauri district.

This report highlights overview on Farmer Awareness Programme organized at Bullawala, Dehradun which gives information on applied aspects of meteorology in agriculture, knowledge of weather forecast and also focus on to make farmers more knowledgeable in meteorology and become more self-reliant in dealing with weather and climate issues that affect agricultural production on their farms and to increase the interaction between the farmers and climate and weather expert.

Farmer Awareness Programme was of one-day duration and successfully completed by inviting farmers from nearby villages of Bullawala and exposing them to weather and climate issues that affect agricultural production on their farms. In the first half of session the overviews were given

by experts. And in second half of the session the discussion points were existing knowledge of farmers on weather and climate use in agriculture and risk management, needs for weather and climate information, ways and means to improve communication of weather and climate information to farmers.

## **PROGRAMME SCHEDULE**

15:30 Hrs:	Arrival of Farmers & IMD officials
15:35 Hrs:	Kisano Se Parichaya
15:45 Hrs:	Welcome & Opening address by <b>Dr S.K.Tripathi</b> , Prof. IIT Roorkee
15:50 Hrs:	Address by <b>Dr K.K.Singh</b> , Sc F and Head Agromet, IMD, New Delhi
16:00 Hrs	Address by <b>Shri Anand Sharma</b> , Sc E and n Director MC, Dehradun
16:10 Hrs	Address by <b>Shri A.K.Baxla</b> , Sc D, IMD, New Delhi
16:20 Hrs	<i>Kisano se Varta</i>
16:50 Hrs	Response from IMD & IAAS officials
16:55 Hrs	Concluding Remarks by <b>Dr K.K.Singh</b>
17:00 Hrs	Vote of thanks by <b>Mr Sunil Kumar</b>
	<b>Group Photograph</b>
17:15 Hrs	<b>Tea</b>

## **PROGRAMME DETAILS**

Ground level effort (management and farmers invitation) to conduct the Programme was made by Mr. Vinay Kamboj, Farmer of Village Bullawala, Doiwala Dehradun, about 30 farmers (Annex. 1) participated in the programme.

Program started with the welcome address, by **Professor SK Tripathi**. After the introduction of expert each and every farmers introduced himself. Professor Tripathi threw light on the importance of weather importance in planning and management of crop and livestock system.

**Dr K.K.Singh** expressed about the nation wide program of Agro advisory Service sponsored by Ministry of Earth Science GOI through India Meteorology Department and State Agricultural Universities and Indian Institutes of Technology. Dr. Singh gave detailed view of the services provided by different sections of IMD i.e. weather forecasting, crop yield forecasting etc. Dr. Singh emphasized on SMS based advisory and agro advisory bulletins distributed by AMFU directly to the farmers. Beside this he also focused on diversified farming system and stated that farmers should adopted poultry, fisheries, dairy and fruits production along with agricultural crops. Farmers were encouraged to work through self-help group and take advantages of

government schemes of different agricultural inputs like advance irrigation systems, seeds of different crops etc. Adoption of associated occupations like fisheries and poultry to generate extra income.

Basics of weather and their significant impact on crop were explained by **Dr. Anand Sharma** Head MC Dehradun. He has discussed the advancement and accuracy of weather forecasting in comparison to forecast made in past years. Dr. Sharma has brief out the importance of Agro advisory, how the farmer of Dehradun benefited from this service with some success story.

Mode of dissemination of AAS and various agencies involved to make success the GKMS project was detailed by **Dr. AK Baxla** also he pointed out the major farming issues which are directly influenced by weather variables.

During the session of formal discussion was held with farmers and some of the important feedbacks received is given below:

- Mr Om Prakash Kamboj (Host Farmer) while appreciating the benefits of agro advisory service through SMS issued by IIT Roorkee and telecast from Dehradun were discussed in his farmer circle. Everybody is now of the opinion that weather information received through these agencies are taken seriously. In the event of any doubt they immediately contact experts at Roorkee and get it resolved. With the light mood he told that almost all the activities are now being coordinated using weather information.
- Mr Harpal Singh. reported that he postponed the harvesting of his 0.4 ha early mustered crop on coming to know about rain through MC Dehradun and Agro advisory message. This resulted into saving from shattering which normally would have been about 50% of its recorded yield (2.5 t/ha).
- Farmers in general reported that the labour availability to agriculture is decreasing at a faster rate due to urbanization and industrial development. The available agricultural land is also decreasing due to conversion of agricultural land into non-agricultural land.
- Farmers also reported the menace of elephants and parrots on their sugarcane crops.

Concluding remarks were given by Dr KK Singh, Dr A.K.Baxla and Dr Anand Sharma assuring the farmers that they will be provided still improved weather information and agro advisory service to them after the installation of radar at Masoorie. The meeting ended with vote of thanks by Mr Sunil Dubey, SRF AMFU Roorkee.

*Annexure-1*

**LIST OF FARMER PARTICIPANTS:**

S.No.	Name of Farmer's	Mobile No.	Village	Block	District
1	Mr Om prakash Kamboj	9719631918	Bullawala	Doiwala	Dehradun
2	Mr Vinay Kamboj	9758577234	Bullawala	Doiwala	Dehradun
3	Mr Harpal Singh	8445528382	Bullawala	Doiwala	Dehradun
4	Mr Gurmukh Singh	9410104122	Bullawala	Doiwala	Dehradun
5	Mr Mohan Singh Saini	9359278230	Bullawala	Doiwala	Dehradun
6	Mr Vimal Prakash	8954785593	Bullawala	Doiwala	Dehradun
7	Mr Maneesh Kamboj	9720103888	Bullawala	Doiwala	Dehradun
8	Mr Jaimal Singh	9528080743	Bullawala	Doiwala	Dehradun
9	Mr Rajendra Prasad Dheeman	9412939465	Bullawala	Doiwala	Dehradun
10	Mr Shyam Singh Kashyap		Bullawala	Doiwala	Dehradun
11	Mr Tejveer Singh		Bullawala	Doiwala	Dehradun
12	Mr Jaipal Singh		Bullawala	Doiwala	Dehradun
13	Mr Vijay Kumar Kamboj	9720306036	Bullawala	Doiwala	Dehradun
14	Mr Ahsan Ali	9758575011	Bullawala	Doiwala	Dehradun
15	Mr Naresh Kumar Kamboj	9568209715	Bullawala	Doiwala	Dehradun
16	Mr Praveen Kumar	8476023961	Bullawala	Doiwala	Dehradun
17	Mr Shekhar	8755854573	Bullawala	Doiwala	Dehradun
18	Mr Nishant Kamboj	9719192052	Bullawala	Doiwala	Dehradun
19	Mr Rakesh Kamboj	8958145003	Bullawala	Doiwala	Dehradun
20	Mr Subhash Kamboj	9410361966	Bullawala	Doiwala	Dehradun
21	Mr Manoj Kamboj	9758983158	Bullawala	Doiwala	Dehradun
22	Mr Sandeep Kamboj	8006644177	Bullawala	Doiwala	Dehradun
23	Mr Chandra Kishor	9808107718	Bullawala	Doiwala	Dehradun
24	Mr Dinesh Kamboj	8445304017	Bullawala	Doiwala	Dehradun
25	Mr Lalit Kamboj	9837139199	Bullawala	Doiwala	Dehradun
26	Mr Harjendra Singh	9759378793	Bullawala	Doiwala	Dehradun
27	Mr Anuj Kamboj	9927716232	Bullawala	Doiwala	Dehradun
28	Mr Indrapal Singh	9761027070	Bullawala	Doiwala	Dehradun

**PHOTOGRAPHS OF FAP HELD AT BULLAWAL, DEHRADUN ON JAN. 24, 2015**

