

ग्रामोभ्युदयादेव देशोभ्युदयः

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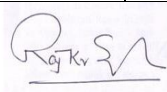
As per forecast received from National Centre for Medium Range Weather Forecast, India Meteorological Department, Mausam Bhawan, New Delhi and value added to the forecast by Meteorological Centre, Dehradun for next five days for Nainital district are as follows:

Parameter	Nainital				
	18/05/2019	19/05/2019	20/05/2019	21/05/2019	22/05/2019
Rainfall (mm)	5	3	0	0	2
Max Temp ( <sup>0</sup> C)	24	23	24	25	26
Min Temp ( <sup>0</sup> C)	11	12	12	13	14
Cloud Cover	Dense Cloudy	Cloudy	Cloudy	P-Cloudy	Cloudy
Max RH I (%)	85	85	75	75	75
Min RH II (%)	45	45	35	35	35
Wind speed (km/h)	008	006	008	008	008
Wind direction	NW	NNW	NW	NW	NW

According to the observations recorded at India Meteorological Department Observatory located at Nainital (Altitude: 2084 m) during last seven days (10 – 16 May, 2019), it is observed that state of sky were cloudy to dense cloudy. Maximum and minimum temperature varied between 21.9 to 28.6 <sup>0</sup>C and 11.0<sup>0</sup>C to 14.8<sup>0</sup>C respectively.

## Weather Based Agro-Advisories

Crop	Stage	Agromet Advisory
Paddy	Field Preparation	Deep ploughing of fields should be done for sowing paddy crop after threshing of wheat and bunding should be done.
French bean and lobia	–	If the leaves of french bean and lobia are drying, root should be irrigated with carbendazim @ 1 g/lit of water and to control the white rot diseases, carbendazim @ 500g/ha should be sprayed.
Sugarcane crop	Sowing	In plains, to control the weed in the spring season sugarcane crop Velpar K-4 @ 2Kg/800lit of water at 2-3 leaf stage within 2-3 days of sowing or at 15-20days should be sprayed. Irrigation should be given after weeding and hoeing in the sugarcane crop and nitrogen should also be applied.
Fodder crop	–	For maximum utilization of fodder crop nitrogen should be applied after irrigation in the fodder crops.
Onion and garlic	–	If onion and garlic crops are ready and leaves are falling on the surface then irrigation should be stopped and digging should be done in the upcoming 15-20 days. To control the leaf blight disease in late sown variety of onion crop, tebuconazole or difinoconazole or propiconazole @ 500ml/ha with any sarvangi insecticide and sticker should be sprayed.
Capsicum, brinjal, tomato and Chilly	Transplanting	On the occurrence of spot on the leaves of tomato and chilly, Mancozeb @ 2.5g/liter of water should be sprayed. Transplanting of capsicum and brinjal should be done in the polyhouse in mid and high hills and required irrigation should be applied.
French bean	Sowing	In irrigated valley regions, Arka komal or Contender variety of French bean should be sown.
Potato	–	Top dressing of urea should be done after 20-25 days of germinated crop of potato and cover them with the soil. 8-10 cm thick layer of mulch should be spread in the drain for moisture conservation.
Horticulture	–	In mid and high hilly regions, irrigation or mulching should be used to maintain the availability of moisture in fruit plants. To save the stem from high radiation of sun, mixture of copper oxychloride with lime (1kg copper oxychloride, 30 kg Calcium hydroxide or bujha chuna, 1.5 liter linseed oil in 100 liter of water) should be used.
Animal Husbandry	–	To save the animals from high temperature, balanced diet should be given to them. Green fodder mixed with dry fodder and grain must be given to the animals. Due attention should be given to arrangements for provision of water to animals. The drinking troughs should be kept clean and animals should be provided water at least four times during the day.



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