

ग्रामोभ्युदयादेव देशोभ्युदयः

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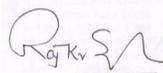
As per forecast received from National Centre for Medium Range Weather Forecast, India Meteorological Department, Mausam Bhawan, New Delhi and value added to the forecast by Meteorological Centre, Dehradun for next five days for Nainital district are as follows:

Parameter	Nainital				
	11/05/2019	12/05/2019	13/05/2019	14/05/2019	15/05/2019
Rainfall (mm)	3	5	2	8	12
Max Temp (⁰ C)	29	27	27	24	23
Min Temp (⁰ C)	16	16	16	14	13
Cloud Cover	P-Cloudy	Cloudy	Cloudy	Dense Cloudy	Dense Cloudy
Max RH I (%)	80	85	80	80	90
Min RH II (%)	40	45	40	40	50
Wind speed (km/h)	008	008	008	006	008
Wind direction	NW	NE	NW	NW	NE

According to the observations recorded at India Meteorological Department Observatory located at Nainital (Altitude: 2084 m) during last seven days (3 – 9 May, 2019), it is observed that state of sky were cloudy to dense cloudy. Maximum and minimum temperature varied between 15.2 to 27.5 ⁰C and 7.6⁰C to 13.7⁰C respectively.

Weather Based Agro-Advisories

Crop	Stage	Agromet Advisory
Wheat and pulse crops	Harvesting	Harvesting and threshing of wheat crop should be completed at the earliest. Deep ploughing of fallow field and bunding of the area should be done so that insect pest disease could be destroyed and water would be conserved.
French bean and lobia	–	To control the root and stem rot diseases in french bean and lobia, carbendazim @ 500g/ha should be used.
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. In spring season sugarcane crop, field should be irrigated after one week of hoeing at the tillering stage and solution of metribuzin /atrazine @ 2Kg/1000 liter of water should be sprayed.
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 onion, 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 high hilly regions, hive should be kept in the orchard for pollination. 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	–	In the summer season, time to time spraying of melathiyan or other insecticide should be done in the drains near the animal shed. 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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