

ग्रामोभ्युदयादेव देशोभ्युदयः

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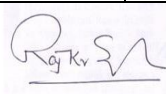
As per forecast received from National Centre for Medium Range Weather Forecast, India Meteorological Department, Mausam Bhawan, New Delhi and value added to the forecast by Meteorological Centre, Dehradun for next five days for Nainital district are as follows:

Parameter	Nainital				
	01/05/2019	02/05/2019	03/05/2019	04/05/2019	05/05/2019
Rainfall (mm)	0	1	10	5	2
Max Temp ( <sup>0</sup> C)	28	27	26	25	26
Min Temp ( <sup>0</sup> C)	18	16	15	14	15
Cloud Cover	P-Cloudy	Cloudy	Cloudy	Cloudy	P-Cloudy
Max RH I (%)	75	80	85	85	80
Min RH II (%)	35	40	45	45	40
Wind speed (km/h)	006	008	008	010	010
Wind direction	NE	ESE	E	ESE	ESE

According to the observations recorded at India Meteorological Department Observatory located at Nainital (Altitude: 2084 m) during last seven days (23 - 29 April, 2019), it is observed that state of sky were cloudy to dense cloudy. Maximum and minimum temperature varied between 20.2 to 26.0 <sup>0</sup>C and 9.2<sup>0</sup>C to 13.8<sup>0</sup>C respectively.

## Weather Based Agro-Advisories

Crop	Stage	Agromet Advisory
Wheat and pulse crops	Harvesting	Harvesting and threshing of wheat and pulse crops should be done. Deep ploughing of fields should be done for sowing paddy crop after threshing of wheat and bunding should be done.
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	-	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 mid and low hilly regions, second spray of recommended chemical should be done to control the leaf curl disease in peach. Shoots emerges from root stock of the grafting plants in the nursery should be removed. On the occurrence of mango hopper after fruit setting, Imidacloprid @ 3 ml/10 liter should be sprayed in the mango.
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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