

ग्रामोभ्युदयादेव देशोभ्युदयः

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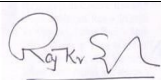
As per forecast received from National Centre for Medium Range Weather Forecast, India Meteorological Department, Mausam Bhawan, New Delhi and value added to the forecast by Meteorological Centre, Dehradun for next five days for Nainital district are as follows:

Parameter	Nainital				
	19/04/2019	20/04/2019	21/04/2019	22/04/2019	23/04/2019
Rainfall (mm)	8	1	0	5	0
Max Temp (⁰ C)	17	19	21	22	23
Min Temp (⁰ C)	8	8	10	11	12
Cloud Cover	Dense Cloudy	Cloudy	P-Cloudy	Cloudy	Clear
Max RH I (%)	85	75	70	80	75
Min RH II (%)	45	35	30	40	35
Wind speed (km/h)	008	008	010	011	012
Wind direction	E	NW	NW	NW	ESE

According to the observations recorded at India Meteorological Department Observatory located at Nainital (Altitude: 2084 m) during last seven days (11 - 17 April, 2019), it is observed that state of sky were cloudy to dense cloudy. Maximum and minimum temperature varied between 10.8 to 22.7 ⁰C and 6.7⁰C to 12.4⁰C respectively.

Weather Based Agro-Advisories

Crop	Stage	Agromet Advisory
Wheat and barley	Harvesting	Keeping in view the rainfall condition, harvesting of wheat and barley should be done accordingly. After harvesting, keep it in the sun for 3-4 days and afterward threshing should be done with thresher.
Barnyard millet	Sowing	In mid hills, sowing of varieties of barnyard millet (jhangora) like- Madeira 172, VL Madeira 207, PRJ 1 should be done 25 cm distance from line to line and 10 cm from plant to plant in April. 8-10 Kg/ ha seeds is required. N:P:K in the ratio 40:20:20 should be used. Half dose of Nitrogen and full dose of phosphorous and potash should be used at the time of sowing. Remaining half dose of nitrogen should be used after one month of sowing as top dressing.
Pea		In valley, if pea crop are ready then plucking of green pod should be done.
Brinjal, tomato and capsicum	Transplanting	Transplanting of brinjal, tomato and capsicum should be done in high hills and availability of life saving water should be done to the plants. Necessary arrangements should be done for moisture conservation.
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.
Tomato and chilly	-	To control the viral borne disease in chilly and tomato crop, infected plants should be removed and destroyed.
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	-	To save the buffalo calf from patera disease, 10-15Cc Neem oil should be given to the calf immediately after 10 days of his birth. Again after 10 days, 10-15 CC Neem oil should be given.



Dr. R K Singh
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