

ग्रामोभ्युदयादेव देशोभ्युदयः

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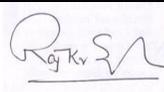
As per forecast received from National Centre for Medium Range Weather Forecast, India Meteorological Department, Mausam Bhawan, New Delhi and value added to the forecast by Meteorological Centre, Dehradun for next five days for Nainital district are as follows:

Parameter	Nainital				
	10/04/2019	11/04/2019	12/04/2019	13/04/2019	14/04/2019
Rainfall (mm)	0	0	1	5	2
Max Temp (⁰ C)	21	22	23	23	22
Min Temp (⁰ C)	9	10	11	12	9
Cloud Cover	P-Cloudy	P-Cloudy	Cloudy	Cloudy	P-Cloudy
Max RH I (%)	75	75	80	85	80
Min RH II (%)	35	35	40	45	40
Wind speed (km/h)	004	006	008	008	008
Wind direction	ESE	NE	ESE	ESE	ESE

According to the observations recorded at India Meteorological Department Observatory located at Nainital (Altitude: 2084 m) during last seven days (2 - 8 April, 2019), it is observed that state of sky were cloudy to dense cloudy. Maximum and minimum temperature varied between 20.5⁰C to 23.0⁰C and 5.8⁰C to 11.1⁰C respectively.

Weather Based Agro-Advisories

Crop	Stage	Agromet Advisory
Wheat and barley		Harvesting of wheat and barley should be done when their spikes turn golden and grain become hard. 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. Compost should be mixed in the field properly @ 100 q/ha or 2 q/naali at the time of sowing of barnyard millet, If compost is not available then vermin compost should be used @ 50 q/ha or 1 q/naali.
Pea		In valley, if pea crop are ready then plucking of green pod should be done.
Chilly, capsicum and brinjal	Transplanting	Transplanting of chilly, capsicum and brinjal should be done in first fortnight of this month.
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	-	Shoots emerges from root stock of the grafting plants in the nursery should be removed. For pollination, at the time of flowering in the orchard of different varieties of temperate fruits, keep the boxes of bee @ 2-3/acre for high production.
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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