

ग्रामोभ्युदयादेव देशोभ्युदयः

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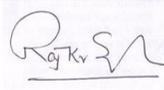
As per forecast received from National Centre for Medium Range Weather Forecast, India Meteorological Department, Mausam Bhawan, New Delhi and value added to the forecast by Meteorological Centre, Dehradun for next five days for Nainital district are as follows:

Parameter	Nainital				
	27/04/2019	28/04/2019	29/04/2019	30/04/2019	01/05/2019
Rainfall (mm)	0	0	0	0	2
Max Temp (⁰ C)	25	26	26	27	27
Min Temp (⁰ C)	15	15	16	16	16
Cloud Cover	Clear	Clear	Clear	Clear	P-Cloudy
Max RH I (%)	70	70	70	70	80
Min RH II (%)	30	30	30	30	40
Wind speed (km/h)	006	008	008	006	006
Wind direction	NW	NW	NW	NW	ESE

According to the observations recorded at India Meteorological Department Observatory located at Nainital (Altitude: 2084 m) during last seven days (19 - 25 April, 2019), it is observed that state of sky were cloudy to dense cloudy. Maximum and minimum temperature varied between 18.5 to 25.0 ⁰C and 7.8⁰C to 12.9⁰C 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.
French bean and lobia	–	To control the root and stem rot diseases in french bean and lobia, carbendazim @ 500g/ha should be used.
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.
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.
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.
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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