

# ग्रामोभ्युदयादेव देशोभ्युदयः

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## District Agromet Advisory Bulletin, Udham Singh Nagar

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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 Udham Singh Nagar and plain area of Nainital districts are as follows:

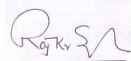
Parameter	Udham Singh Nagar				
	24/04/2019	25/04/2019	26/04/2019	27/04/2019	28/04/2019
Rainfall (mm)	0	0	0	0	0
Max Temp ( <sup>0</sup> C)	36	37	38	39	40
Min Temp ( <sup>0</sup> C)	21	22	23	24	24
Cloud Cover	Clear	Clear	Clear	Clear	Clear
Max RH I (%)	80	75	80	75	75
Min RH II (%)	40	35	40	35	35
Wind speed (km/h)	008	008	010	010	008
Wind direction	NNW	ESE	ESE	NW	NNW

According to Meteorological observations recorded at Agrometeorological Observatory, AMFU-Pantnagar, G B Pant University of Agriculture & Technology (Altitude: 243.8 m) during last seven days (16 – 22 April, 2019) are as follows:

Weather Parameter	Udham Singh Nagar						
	16/04/2019	17/04/2019	18/04/2019	19/04/2019	20/04/2019	21/04/2019	22/04/2019
Rainfall (mm)	0.0	2.0	9.2	0.0	0.0	0.0	0.0
Max Temp ( <sup>0</sup> C)	39.5	29.5	28.5	30.0	33.5	34.5	37.0
Min Temp ( <sup>0</sup> C)	20.2	18.8	16.7	15.4	17.0	17.9	18.4
CC I	4	5	5	0	0	4	4
CC II	2	0	0	0	0	4	0
Max RH I (%)	55	87	83	79	69	69	65
Min RH II (%)	45	54	40	29	31	22	39
Wind speed (km/h)	4.8	6.5	7.6	4.3	2.6	3.0	2.7
Wind direction I	WNW	Calm	N	Calm	ENE	Calm	Calm
Wind Direction II	NNW	ESE	WSW	WNW	WSW	WNW	ENE

**Agro advisory based on advices received from the experts of Agromet Advisory committee**

<b>Crop</b>	<b>Stage</b>	<b>Agromet Advisory</b>
Wheat and pulse crops	Harvesting	Harvesting and threshing of wheat and pulse crops should be done.
Sesbania and sannhemp	–	In paddy-wheat crop rotation, after harvesting of wheat or any other rabi crops, sowing of green manure like sesbania (dhaincha) and sannhemp (sanai) should be done in the second fortnight of April.
Sugarcane	Late sowing	For late sowing of sugarcane crop after harvesting of wheat, should be completed in this month. Upper 1/3rd to 1/2nd part of sugarcane should be used as seed for sowing. Seeds should be kept in water for 24 hr before seed treatment because it increases the germination. For seed treatment, solution of 1gram Carbendazim 50% in 1 liter of water should be used. Late sowing varieties of sugarcane like CoS88230, CoS95255, CoS95222, CoS97264, Co Pant84212 etc should be used. Balanced fertilizer 100-120; 60:40 NPK/ha should be used and 60Kg N, 60 Kg P <sub>2</sub> O <sub>5</sub> & 40 Kg K <sub>2</sub> O/ha should be used.
Cucurbitaceous crop	–	On the occurrence of angular spot in the leaves of cucurbitaceous (pumpkin class vegetables) crop, solution of mancozeb @ 2.5 kg/lit of water should be sprayed.
Onion	–	To control the leaf blight disease in onion, tebuconazole or difinoconazole or propiconazole @ 500ml/ha with any srvangi insecticide and sticker should be sprayed.
Turmeric, ginger, arbi	Sowing	Sowing of turmeric, ginger and arbi should be done.
Mango	–	When mango fruit is equal to pea grain then irrigation should be started. To stop the fruit from falling, 20 PPM, NAA (0.02g/lit) should be sprayed.
Animal Husbandry	–	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. 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.



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