

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				
	02/03/2019	03/03/2019	04/03/2019	05/03/2019	06/03/2019
Rainfall (mm)	0	2	0	2	0
Max Temp ($^{\circ}$ C)	22	23	23	24	25
Min Temp ($^{\circ}$ C)	7	8	10	9	9
Cloud Cover	Clear	Dense Cloud	P-Cloudy	Cloudy	P-Cloudy
Max RH I (%)	85	90	90	90	90
Min RH II (%)	45	50	50	50	50
Wind speed (km/h)	008	006	008	006	006
Wind direction	NW	NW	ESE	NNW	NNW

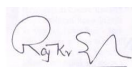
Very light rain may likely to occur on 3rd & 5th March with p-cloudy to dense cloudy sky.

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 (22-28 Feb,2019) are as follows:

Weather Parameter	Udham Singh Nagar						
	22/02/2019	23/02/2019	24/02/2019	25/02/2019	26/02/2019	27/02/2019	28/02/2019
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0	1.4	1.8
Max Temp ($^{\circ}$ C)	27.2	27.0	24.0	23.0	25.0	24.5	16.5
Min Temp ($^{\circ}$ C)	14.9	10.5	9.9	8.0	8.8	11.7	5.2
CC I	6	6	6	8	5	8	6
CC II	4	0	8	4	8	8	5
Max RH I (%)	89	93	95	95	92	86	94
Min RH II (%)	64	65	63	56	54	79	65
Wind speed (km/h)	1.2	4.3	5.0	2.3	2.9	3.4	2.0
Wind direction I	ENE	WNW	SSW	Calm	ESE	ESE	Calm
Wind Direction II	WNW	WSW	WNW	WSW	WSW	ENE	WNW

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

Crop	Stage	Agromet Advisory
Wheat, Barley	Spike development	Keeping in view the rainfall condition in coming days, farmers are advised to stop irrigation for next few days in all the crops.
Rai, Mustard	Ripening	Irrigation should be arranged as per requirement in rai and mustard crop and preparation for harvesting should be done.
Sugarcane	Early-Harvesting Late-Sowing	Harvesting of early sown sugarcane crop should be done. Sowing of spring season sugarcane crop should be completed up to 15 th March. Upper 2/3 part of sugarcane should be used for sugarcane seed. 40-50 thousand pieces of three eyed sugarcane should be used. Line should be prepared at a distance of 75cm in East-West direction for sowing sugarcane crop.
Sunflower	Sowing	Sunflower varieties like Mordan, Surya should be sown.
Onion, Garlic	Vegetative Growth	If the upper part of leaves of onion and garlic are turning yellow, solution of propiconazole or tebuconazole @ 1 ml/lit of water should be sprayed.
Horticulture	—	Cleanliness of orchard should be done in the February month & straw used to save the crop from frost should be removed in the last week of this month.
Mango	Flowering	Irrigation should not be given at the time of flowering in mango.
Animal Husbandry	—	To save the buffalo calf from Toxocara vitulorum (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. Chenopodium album oil can also be given as a fodder to animals to save the calf/animals from patera disease.
Poultry	—	Maintain the temperature of dwelling place of poultry birds. To save the poultry bird from cold, thickness of bedding material should be increases so that they can get sufficient heat to maintain their temperature.



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