

ग्रामोभ्युदयादेव देशोभ्युदयः

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District Agromet Advisory Bulletin, Udham Singh Nagar

Year: 28 Issues No.: 16 Bulletin Periods: 23-27 Feb, 2019 Day: Friday Dated: 22-02-2019

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:

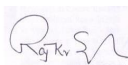
Parameter	Udham Singh Nagar				
	23/02/2019	24/02/2019	25/02/2019	26/02/2019	27/02/2019
Rainfall (mm)	0	0	0	1	25
Max Temp ($^{\circ}$ C)	27	26	26	26	24
Min Temp ($^{\circ}$ C)	12	11	11	12	12
Cloud Cover	P-Cloudy	P-Cloudy	P-Cloudy	Cloudy	Dense Cloud
Max RH I (%)	85	85	85	85	95
Min RH II (%)	45	45	45	45	55
Wind speed (km/h)	006	008	008	006	010
Wind direction	NW	NW	NW	NE	ESE

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 (15-21 Feb,2019) are as follows:

Weather Parameter	Udham Singh Nagar						
	15/02/2019	16/02/2019	17/02/2019	18/02/2019	19/02/2019	20/02/2019	21/02/2019
Rainfall (mm)	1.8	10.2	0.0	0.0	3.2	0.0	0.0
Max Temp ($^{\circ}$ C)	22.0	24.0	22.5	19.5	24.2	23.5	21.5
Min Temp ($^{\circ}$ C)	12.0	13.3	10.2	10.1	11.9	10.9	13.5
CC I	6	8	8	8	4	8	8
CC II	8	5	8	8	6	8	6
Max RH I (%)	98	95	95	93	93	98	80
Min RH II (%)	69	66	75	55	59	73	66
Wind speed (km/h)	2.3	6.5	2.4	3.8	2.9	2.9	0.7
Wind direction I	ESE	W	WNW	Calm	E	Calm	Calm
Wind Direction II	ESE	WSW	WNW	WSW	ESE	WNW	SSW

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

Crop	Stage	Agromet Advisory
Urd	Sowing	Sowing of urd should be completed from last week of February to first fortnight of March. Urd varieties like Narendra, Pant Urd 31, Pant Urd 35 should be used.
Wheat, Barley	Booting	Keeping in view of rainfall/snowfall during last few days, farmers are advised to stop irrigation, fertilizer/chemical application for next few days as sufficient moisture is available in all the crops.
Rai, Mustard	Grain filling	Irrigation should be arranged as per requirement in rai and mustard crop at grain filling stage of these crops.
Sugarcane	Sowing	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 in second fortnight of February.
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.
Tomatoes, Capsicum, Brinjal and cucurbitaceous crops	-	To control the late blight disease in tomato, it is advised that solution of Mancozeb @ 2.5g/liter or copper oxichloride @ 3g/lit of water should be sprayed in clear weather condition.
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	-	If Mango mealy bug appeared in the mango trees then cut and separate it and put it in the pit, cover with soil. Gumba baur or Mango mal formation and leaves which are highly affected by powdery mildew in last year should be destroyed by plucking.
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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