

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:

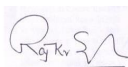
Parameter	Udham Singh Nagar				
	16/03/2019	17/03/2019	18/03/2019	19/03/2019	20/03/2019
Rainfall (mm)	0	0	0	0	0
Max Temp ($^{\circ}$ C)	29	29	29	30	30
Min Temp ($^{\circ}$ C)	9	10	11	12	12
Cloud Cover	Clear	P-Cloudy	P-Cloudy	P-Cloudy	Cloudy
Max RH I (%)	85	85	85	85	85
Min RH II (%)	45	45	45	45	45
Wind speed (km/h)	008	006	006	006	008
Wind direction	NNW	NW	NW	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 (8-14 March, 2019) are as follows:

Weather Parameter	Udham Singh Nagar						
	08/03/2019	09/03/2019	10/03/2019	11/03/2019	12/03/2019	13/03/2019	14/03/2019
Rainfall (mm)	0.0	0.0	0.0	0.0	Trace	0.0	0.0
Max Temp ($^{\circ}$ C)	25.2	27.0	27.5	27.0	28.5	29.5	23.5
Min Temp ($^{\circ}$ C)	9.3	9.8	8.6	8.9	13.3	12.9	10.5
CC I	3	0	0	0	6	8	5
CC II	0	0	0	3	5	8	5
Max RH I (%)	95	85	92	65	91	89	88
Min RH II (%)	39	50	46	50	42	61	34
Wind speed (km/h)	0.9	2.3	4.1	1.0	1.4	0.7	0.7
Wind direction I	Calm	N	Calm	ENE	WNW	Calm	Calm
Wind Direction II	WNW	WNW	WNW	WNW	W	NNW	NNE

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

Crop	Stage	Agromet Advisory
Moong	Sowing	Moong should be sown from second fortnight of March. Sowing of moong varieties like Pant moong-5, Samrat etc should be done in lines at 25-30cm and at 3-4cm depth. Seed rate should be 20-25 kg/ha.
Mentha	Transplanting	Transplant the 40-45 days seedlings of menthe. Line to line distance and plant to plant distance should be 40cm and 15-20cm respectively.
Fodder Crops	Sowing	Sowing of fodder crops like-barsim, maize, bajara, lobia and gwar etc should be done.
Wheat	Milking	Necessary irrigation should be given at this stage.
Sunflower	Sowing	Sunflower varieties like Mordan, Surya should be sown.
Tomato, chilly	Transplanting	Tomato and chilly crop, roots should be dipped in to the solution of imidachloprid @1g/lit of water for 10-15 min before transplanting. On the occurrence of contracted piebald leaves in early transplanted crops of chilly and tomato, infected plants should be removed and destroyed. To control the juice sucking insect in these crops, sarvangi insecticide should be sprayed.
Cucurbits crops	Sowing	Sowing of cucurbits crop should be done.
Horticulture		Cleanliness of orchard should be.
Mango	Flowering	Irrigation should not be given at the time of flowering in mango.
Animal Husbandry	—	To prevent Puerperal Fever in Pregnant animals, 50-60 grams of mineral mixture should be fed to them every day to boost their immunity. Animals are prone to sterility and Johne's disease (Paratuberculosis) during this time. They should provided immediate treatment for these. 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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