

ग्रामोभ्युदयादेव देशोभ्युदयः

Govind Ballabh Pant University of Agriculture and Technology

Department of Agrometeorology

College of Agriculture

Pantnagar-263145, Uttarakhand

Phone No. 05944 - 233 032



District Agromet Advisory Bulletin, Udham Singh Nagar

Year: 28 Issues No.: 27 Bulletin Periods: 3 – 7 April, 2019 Day: Tuesday Dated: 02-04-2019

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:

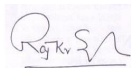
Parameter	Udham Singh Nagar				
	03/04/2019	04/04/2019	05/04/2019	06/04/2019	07/04/2019
Rainfall (mm)	0	0	0	1	0
Max Temp (⁰ C)	33	35	36	36	36
Min Temp (⁰ C)	13	14	15	16	17
Cloud Cover	Clear	P-Cloudy	P-Cloudy	Cloudy	P-Cloudy
Max RH I (%)	80	80	80	85	85
Min RH II (%)	40	40	40	45	40
Wind speed (km/h)	006	008	006	010	010
Wind direction	ESE	NW	NW	ESE	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 (26 March–1 April, 2019) are as follows:

Weather Parameter	Udham Singh Nagar						
	26/03/2019	27/03/2019	28/03/2019	29/03/2019	30/03/2019	31/03/2019	01/04/2019
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Temp (⁰ C)	30.5	29.6	30.6	32.0	33.5	34.5	33.5
Min Temp (⁰ C)	12.6	13.2	15.4	16.0	16.9	16.9	17.4
CC I	0	0	2	0	0	2	0
CC II	3	5	2	0	0	0	2
Max RH I (%)	86	87	89	86	81	82	83
Min RH II (%)	49	63	59	50	46	24	58
Wind speed (km/h)	0.3	0.7	1.2	0.7	1.0	2.1	5.2
Wind direction I	Calm	Calm	N	Calm	Calm	Calm	Calm
Wind Direction II	WSW	WSW	SSW	WNW	WSW	WNW	WSW

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

Crop	Stage	Agromet Advisory
Wheat	Harvesting	Harvesting of wheat and barley should be done when their spikes turn golden and grain become hard. After harvesting, keep it in the sun for 3-4 days and afterward threshing should be done with thresher. Light irrigation should be given in the evening in the late sowing crop of wheat and barley. Irrigation should be given in the high speed of wind.
Pulse crops	Harvesting	Harvesting of pulse crops like pea, lentil and gram should be done in the morning, immediate after maturity. Grains should be dried well before storage.
Fodder Crops	Sowing	Fodder crops like jwar, lobia, maize, bajara etc can also be sown in the April month if the fodder crop is not available in sufficient quantity.
Sugarcane	–	Harvesting of intercrop sown with sugarcane crop should be done in time. Irrigation & top dressing of urea should be applied after harvesting. Irrigation in the sugarcane crop sown in the month of February should be given as required and
Cucurbitaceous (pumpkin class vegetables) crop	–	On the occurrence of leaf spot disease in cucurbitaceous (pumpkin class vegetables) crop, solution of mancozeb @ 2.5 kg/lit of water should be sprayed.
Tomato, chilly	–	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.
Mango	Flowering	Irrigation should not be given at the time of flowering in mango.
Animal Husbandry	–	For obtaining the high production from poultry birds, temperature of their dwelling place should be maintained. Balanced diet, fresh and neat water should be given to them. To prevent Puerperal Fever in Pregnant animals, 50-60 grams of mineral mixture should be fed to them every day to boost their immunity. 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
Professor & Principal Nodal Officer-GKMS
AMFU- Pantnagar