

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:

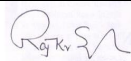
Parameter	Udham Singh Nagar				
	04/05/2019	05/05/2019	06/05/2019	07/05/2019	08/05/2019
Rainfall (mm)	3	0	0	0	0
Max Temp (⁰ C)	36	37	37	38	39
Min Temp (⁰ C)	20	19	19	19	20
Cloud Cover	Cloudy	P-Cloudy	Clear	Clear	Clear
Max RH I (%)	80	75	70	70	70
Min RH II (%)	40	35	30	30	30
Wind speed (km/h)	012	010	010	008	008
Wind direction	NE	E	NW	NW	NW

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 April – 2 May, 2019) are as follows:

Weather Parameter	Udham Singh Nagar						
	26/04/2019	27/04/2019	28/04/2019	29/04/2019	30/04/2019	01/05/2019	02/05/2019
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Temp (⁰ C)	38.5	40.4	40.5	39.5	40.0	40.2	40.0
Min Temp (⁰ C)	22.0	18.8	18.8	15.9	17.9	22.9	24.4
CC I	4	0	4	4	4	1	4
CC II	0	4	4	4	4	4	4
Max RH I (%)	80	61	66	59	88	52	48
Min RH II (%)	26	23	15	12	16	26	18
Wind speed (km/h)	5.0	8.0	8.7	4.5	5.8	5.0	8.7
Wind direction I	WNW	WNW	Calm	Calm	ENE	ENE	ESE
Wind Direction II	WNW	WNW	WNW	WNW	ENE	ESE	ESE

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

Crop	Stage	Agromet Advisory
Spring Maize	Growth	Irrigation should be given when moisture is insufficient. To control the leaf borer insect, monocrotophos @ 625ml/ha should be sprayed.
French bean and lobia	Harvesting	To control the root and stem rot diseases in french bean and lobia, carbendazim @ 1g/lit of water should be sprayed.
Sesbania and sannhemp	-	If irrigation facility is available then sowing of dhaincha and sana sesbania (dhaincha) and sannhemp (sanai) should be done after harvesting of wheat and other rabi crops for green manure.
Cucurbitaceous crop	Growth	On the occurrence of contracted piebald leaves in Cucurbitaceous crop, infected plants should be removed and destroyed. To control the juice sucking insect in these crops, sarvangi insecticide should be sprayed. On the occurrence of irregular shaped yellow spot in the leaves of cucurbitaceous (pumpkin class vegetables) crop, solution of mancozeb @ 2.5 kg/lit of water should be sprayed.
Chilly and tomato		On the occurrence of contracted piebald leaves in chilly and tomato, infected plants should be removed and destroyed. To control the juice sucking insect in these crops, sarvangi insecticide should be sprayed. To save the crop from early blight disease, it is advised that solution of Mancozeb @ 2.5g/liter or copper oxichloride @ 3g/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.
Mango	-	To control fruit fly in mango orchard, pheromone trap made up of wood should be should be placed on tree (10 trap/ha) and pheromone trap should be changed in 2 months. To control the black tip and internal necrosis, 1.0 % borax (10g/liter) should be sprayed. Necessary irrigation should be applied to maintain the proper moisture condition in the orchard. To control the powdery mildew in mango, solution of 0.1 % carbendazim should be sprayed.
Animal Husbandry	-	In the summer season, time to time spraying of melathiyan or other insecticide should be done in the drains near the animal shed. 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.



Dr. R K Singh
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