

ग्रामोभ्युदयादेव देशोभ्युदयः

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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 district are as follows:

Parameter	Udham Singh Nagar				
	26/09/2018	27/09/2018	28/09/2018	29/09/2018	30/09/2018
Rainfall (mm)	1	0	0	0	0
Max Temp (⁰ C)	31	32	32	32	33
Min Temp (⁰ C)	21	22	22	21	20
Cloud Cover	Cloudy	P-Cloudy	P-Cloudy	P-Cloudy	P-Cloudy
Max RH I (%)	85	80	80	75	75
Min RH II (%)	45	40	35	35	35
Wind speed (km/h)	006	010	008	008	006
Wind direction	NNE	ENE	ESE	ESE	ESE

Weather will remain clear with p-cloudy to cloudy sky in coming five days.

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 (18 – 24 Sept, 2018) are as follows:

Weather Parameter	Udham Singh Nagar						
	18/09/2018	19/09/2018	20/09/2018	21/09/2018	22/09/2018	23/09/2018	24/09/2018
Rainfall (mm)	0.0	0.0	0.0	2.6	2.4	44.2	2.6
Max Temp (⁰ C)	32.5	32.6	33.0	33.5	31.5	29.5	26.0
Min Temp (⁰ C)	21.9	21.5	23.4	22.5	23.3	22.5	23.7
CC I	4	4	4	4	8	8	8
CC II	0	2	4	8	8	8	6
Max RH I (%)	93	91	87	88	88	96	85
Min RH II (%)	67	67	68	81	76	87	79
Wind speed (km/h)	8.9	6.2	5.6	6.6	7.2	7.6	8.5
Wind direction I	ESE	Calm	Calm	ENE	ENE	ENE	ENE
Wind Direction II	WNW	WNW	ESE	ESE	ENE	ESE	ENE

Weather Based Agro-Advisories

Crop Management:

- To control the brown leaf spot in paddy crop, solution of mancozeb @ 2.5 g/lit of water should be sprayed.
- On the occurrence of bacterial leaf blight in paddy, water which is filled in the field should be removed and solution of the mixture of 15 g streptomycin and 500 g copper oxichloride in 500 lit of water/ ha should be sprayed.
- On the occurrence of termite in standing maize crop, mix chlorpyrifos 20 EC @ 5 lit/ha with 25-30 kg dry sand and spread in the evening in proper moisture condition.
- It is the high time of flowering and fruiting of the Maize, Jawar and Bajara, which required sufficient moisture in the field. So, it is advised that field should be irrigated in case of no rainfall situation and proper drainage should be maintained to avoid the deposition of water in the field.
- Now a day, paddy is in the stage of emergence/ formation of earhead and this stage is very susceptible to water stress leads to influence the size, number of grains and weight of seeds of earhead. Therefore it is recommended that sufficient moisture /irrigation should be maintained in the field.
- To control the leaf blight disease in maize crop, mancozeb @ 2.5g/lit of water should be sprayed.
- To control the leaf sheath in maize crop, lower leaves should be removed and solution of propiconazole @ 1ml/lit of water should be sprayed.

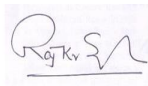
Horticultural Management:

- Field should be prepared for Carrot and Raddish and sowing should be completed till the end of month. Raddish varieties like Pusa Rashmi, Japani White, China Rose, Pusa Himani and Carrot varieties like Pusa Kesar, Pusa Nentis should be sown.
- Tomato seed should be sown in the Nursery for winter season. For common and hybrid varieties of Tomato seed rate should be 500g/Ha and 200-250 g/ha respectively.
- Field should be prepared for early variety of Potato. Apply 200-250 Quintal dung manure in the field and seed should be sown @ 20-25 Q/Ha up to the end of this month.
- Knol-khol varieties like Purple Vienna and White Vienna should be sown in this month.
- To control the root and stem joint rot disease in tomato and chilly, irrigate the roots of the crops with the solution of trichoderma @ 10 g/lit or carbendazim @1 g/lit of water.
- On the occurrence of branch knot in the Orchard, Quinalphos @ 2ml/liter should be used.
- For proper growth and good quality of fruits of Amla (Gooseberry), Borex @200-250g/ tree basin may be applied.
- In this month, there is a chance of the occurrence of tent caterpillars in mango. So tent should be removed with the help of tent removable device and effected part should be removed and burnt together with insects. If the occurrence of this insect is high then 0.2 % carbaryl or 0.05 % quinalphos should be sprayed.
- To control the red rust and anthracnose, 0.3 % Copper oxi chloride (3.0 g/liter) should be sprayed.

Animal Husbandry:

- Just after delivery, tie the navel of new born baby of cattle by cutting it with sharp and clean knife, then apply Gentian violet paint or tincture iodine.

- In green fodder, leguminous fodder is best diet for animals and to increase production. So it is advised that cattleman should grow leguminous fodder (berseem) to keep their cattle healthy and to obtain maximum production from them.
- In this month, rate of animal's delivery especially in buffalos increases. The Pregnant animals should be separated from other animals if possible and complete diet in little quantity at many times in a day should be given to them otherwise they can be affected by afra (fatty liver).
- Within 2 hours of animal's delivery, little quantity of colostrums should be given to the new born baby of cattle after their proper cleaning.
- Green fodder should be given in less quantity to the animals. It is advised that green fodder can be given to the animals by mixing it in dry fodder.
- Vaccination of FMD (Foot and Mouth Disease) should be given to the animals.



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