

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				
	31/10/2018	01/11/2018	02/11/2018	03/11/2018	04/11/2018
Rainfall (mm)	0	0	0	0	0
Max Temp (⁰ C)	31	31	31	30	29
Min Temp (⁰ C)	13	13	14	13	12
Cloud Cover	P-Cloudy	Clear	P-Cloudy	Cloudy	Cloudy
Max RH I (%)	80	80	85	85	85
Min RH II (%)	40	40	45	45	45
Wind speed (km/h)	004	006	004	006	008
Wind direction	ESE	NE	NW	WNW	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 (23 – 29 Oct, 2018) are as follows:

Weather Parameter	Udham Singh Nagar						
	23/10/2018	24/10/2018	25/10/2018	26/10/2018	27/10/2018	28/10/2018	29/10/2018
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Temp (⁰ C)	30.5	29.5	29.7	30.0	29.5	30.0	29.6
Min Temp (⁰ C)	11.9	12.4	10.8	11.9	12.9	13.1	13.3
CC I	0	0	0	0	0	0	0
CC II	0	2	0	2	0	0	0
Max RH I (%)	82	89	95	93	87	89	91
Min RH II (%)	64	54	55	47	44	46	48
Wind speed (km/h)	3.7	3.4	2.7	2.9	2.7	2.9	3.3
Wind direction I	Calm	Calm	Calm	Calm	Calm	Calm	Calm
Wind Direction II	ENE	WNW	ENE	WNW	NNW	NNE	WNW

Weather Based Agro-Advisories

Crop Management:

- Standing crops like paddy, soybean, urd, Moong, groundnut and til, sown in the kharif season should be harvested without any delay so that sowing of rabi crops could be started at earliest.
- Light irrigation should be given to rai, late sown toria and yellow mustard before flowering.
- In case of incidence of mahu in toria, yellow mustard and rai crop, 1liter Methyl-O-Demeton 25EC by dissolving in 800 liter of water should be sprayed. Spraying should be done after 2PM so that honey bee should be less affected.
- In irrigated condition, pulse crop like gram, lentil and pea can be sown in this month. Since normal sowing of lentil and pea is in the first fortnight of November.
- Lentil varieties like Pant Masoor-8, Pant Masoor-7, Pant Masoor-6, DPL-7 etc should be sown with the seed rate 30-40 Kg/Ha and line to line distance should be 25 cm.
- Dwarf variety of Pea like Aparna, Maviya matar-15, DDR-23, Pant matar-13,14,25,74 and normal pea variety like Pant matar-42 should be selected for sowing. Seed rate for dwarf and normal pea variety should be 125Kg/Ha and 80-100Kg/Ha respectively. Line to line distance for normal pea varieties should be kept at 30cm and for dwarf pea varieties 20-25cm.
- To control the brown leaf spot in paddy crop, solution of mancozeb @ 2.5 g/lit of water should be sprayed.

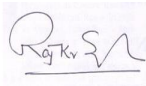
Horticultural Management:

- 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.
- Weeding and hoeing should be done in brinjal crop and ripened fruit should be sent to the market.
- Irrigation should be given in the early and mid variety of cauliflower.
- If the seedlings of late variety of cauliflower are ready then its transplanting should be done in this month. 150 kg of N, 80 kg of P and 60 kg of K are recommended for transplanting, from which half dose of nitrogen, full dose of phosphorous & potash should be used at the time of final ploughing of the field.
- On the occurrence of fruit and shoot borer in the Brinjal crop, before fruiting stage Chlorantraniliprole 3.5 HC @ 200ml /Ha and in the fruiting stage Cypermethrin 25 EC @ 200ml/Ha should be sprayed.
- If gum are releasing from the stem of the tree then copper oxichloride and slaked lime should be apply in the infected areas of main stem.
- On the occurrence of anthracnose on the leaves of mango, copper oxichloride @ 2g/liter should be sprayed.
- On the occurrence of web insect, cleaning of web should be done by using web machine and Quinalphos @ 2ml/liter should be sprayed.
- If stem canker or kai kawak are sown in the stem of mango tree then copper oxichloride or beedo mixer should be sprayed.
- Clearing and ploughing of orchard should be done at the earliest.

Animal Husbandry:

- Vaccination of FMD (Foot and Mouth Disease) should be given to the animals.
- 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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