

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				
	03/11/2018	04/11/2018	05/11/2018	06/11/2018	07/11/2018
Rainfall (mm)	0	12	1	0	0
Max Temp (⁰ C)	29	28	29	30	29
Min Temp (⁰ C)	13	14	14	13	12
Cloud Cover	P-Cloudy	Dense Cloudy	Cloudy	P-Cloudy	Clear
Max RH I (%)	80	95	85	80	80
Min RH II (%)	40	55	45	40	40
Wind speed (km/h)	004	004	004	006	008
Wind direction	NW	WNW	WNW	WNW	WNW

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 Oct – 1 Nov, 2018) are as follows:

Weather Parameter	Udham Singh Nagar						
	26/10/2018	27/10/2018	28/10/2018	29/10/2018	30/10/2018	31/10/2018	01/11/2018
Rainfall (mm)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Max Temp (⁰ C)	30.0	29.5	30.0	29.6	31.0	30.0	29.5
Min Temp (⁰ C)	11.9	12.9	13.1	13.3	13.0	13.7	12.4
CC I	4	4	4	4	4	4	4
CC II	0	0	0	0	0	0	0
Max RH I (%)	93	87	89	91	93	91	91
Min RH II (%)	47	44	46	48	55	59	50
Wind speed (km/h)	2.9	2.7	2.9	3.3	2.1	3.2	4.3
Wind direction I	Calm	Calm	Calm	Calm	Calm	Calm	Calm
Wind Direction II	WNW	NNW	NNE	WNW	ENE	WNW	ENE

Weather Based Agro-Advisories

Crop Management:

- On the occurrence of black blister in the panicle of late sown paddy, infected panicle should be removed and burn and don't use the seeds of this crop for next sowing.
- 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.

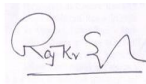
Horticultural Management:

- 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.
- Foot and Mouth Disease is identified by red eyes, high fever, less productivity and food taken capacity, Mouth ulcers, wound in foot due to delay in the treatment of animals. Infected animals should be separated from healthy animals.

- Keeping in mind the probable high rate of Cattle's delivery in this month, especially in Buffalo, animal shed should be well neat, clean, dry and ventilated. For this, dry Lime should be sprayed in the nearby places.
- In case of new born, placenta should be cut with new blade and tie a knot in that. Don't forget to apply Betadine or Tincher on the cut.
- Toxocara vitulorum (patera) are found in the food tube of buffalo calf in the age of 1-4month. More than 50% buffalo calf should be died because of delay in treatment. Piperazine should be given to the infected calf on identification of Patera disease.
- To save the buffalo calf from patera disease, 10-15 CC 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. Chenopodium album oil can also be given as a fodder to animals to save the calf/animals from patera disease.
- It is advised that green fodder can be given to the animals by mixing it in dry fodder otherwise animal may be infected by Timpeti disease which causes death of animals.
- There is a chance of Aflatoxicosis disease in Poultry due to occurrence of fungus in the food which causes to death of poultry birds. So, medicine should be administered to the poultry birds only on the advice of veterinarian.



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