

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 Nainital district are as follows:

Parameter	Nainital				
	03/11/2018	04/11/2018	05/11/2018	06/11/2018	07/11/2018
Rainfall (mm)	0	12	2	0	0
Max Temp ($^{\circ}$ C)	22	20	19	20	20
Min Temp ($^{\circ}$ C)	13	13	12	10	9
Cloud Cover	P-Cloudy	Dense Cloudy	Cloudy	P-Cloudy	P-Cloudy
Max RH I (%)	80	80	85	80	80
Min RH II (%)	40	50	45	40	40
Wind speed (km/h)	004	004	004	006	008
Wind direction	SE	SSE	SE	N	NW

According to the observations recorded at India Meteorological Department Observatory located at Nainital (Altitude: 2084 m) during last seven days (26 Oct – 1 Nov, 2018), it is observed that state of sky was p-cloudy. Maximum and minimum temperature varied between 18.8° C to 20.6° C and 8.0° C to 10.5° C respectively.

Weather Based Agro-Advisories

Crop Management:

- Field should be prepared for sowing rabi crops.
- Seed should be treated before sowing of rabi crops.
- Seeds of wheat should be treated by Carboxin @ 2g/kg seeds or Tebuconazole @ 1.5g/kg seeds.
- Seeds of Pulse crop should be treated with 2g Thyrum + 1g Carbendazim / Kg of seed and oilseed crops should be treated with Metalaxyl @ 6 g/Kg seed.
- For proper storage, harvested paddy should be dried properly till the moisture content comes down to about 12-14 %.

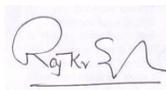
Horticultural Management:

- Plucking of the pods of bean and pea should be done.

- Weeding and hoeing should be done with the application of urea in the snowball variety of cauliflower.
- Transplanting of the heads of matured cabbage should be done for seed production after preparation of pits in the new field.
- For seed production, roots of radish, turnip and carrot should be selected for transplanting in the new field.
- In high hills, picking and packing of apple should be done.
- Falling leaves of fruit trees like apple, pear, peach, plum etc should be collected in the pit and infected leaves should be destroyed by burning them.
- Basin of temperate fruits should be cleaned and layout should be prepared for transplanting the orchard.

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
- 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.



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