

# 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				
	17/10/2018	18/10/2018	19/10/2018	20/10/2018	21/10/2018
Rainfall (mm)	0	0	1	0	0
Max Temp ( $^{\circ}$ C)	22	21	22	23	23
Min Temp ( $^{\circ}$ C)	13	14	13	12	11
Cloud Cover	P-Cloudy	Cloudy	Cloudy	P-Cloudy	P-Cloudy
Max RH I (%)	80	85	90	80	75
Min RH II (%)	40	45	45	40	35
Wind speed (km/h)	004	006	006	006	008
Wind direction	NNW	NW	NW	NNW	NNW

According to the observations recorded at India Meteorological Department Observatory located at Nainital (Altitude: 2084 m) during last seven days (9 – 15 Oct, 2018), it is observed that state of sky was p-cloudy. Maximum and minimum temperature varied between  $19.0^{\circ}$ C to  $22.6^{\circ}$ C and  $7.8^{\circ}$ C to  $9.8^{\circ}$ C respectively.

### Weather Based Agro-Advisories

#### Crop Management:

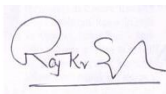
- Threshing should be done after harvesting of paddy crop.
- For proper storage, harvested paddy should be dried properly till the moisture content comes down to about 12-14 %.
- To control the bacterial leaf blight disease in paddy crop, streptomycin 15 g + copper oxichloride 500 g / hectare should be sprayed.
- In an irrigated condition, wheat variety like- C 306, PBW 175, PBW 65, PBW 396, PBW 299, PBW 527 should be sown in the second fortnight of October.
- Certified seed of wheat should be used for sowing. In case of uncertified seed, 2.5 g carbendazim or carboxim or 1.5 g tebukonazole 2 DS per kg of seed should be used before sowing.
- Sowing of wheat should be done at depth of 5 cm & line to line distance should be 22-23 cm.

### **Horticultural Management:**

- In valley, potato crop should be covered with soil.
- Hoeing should be done after the application of recommended dose of urea in cabbage, cauliflower, bean, radish, turnip and rai crops.
- In mid & high hills, seedlings of cauliflower and cabbage should be transplanted.
- In high hills, pea vegetables are in the stage of fruiting or fruiting is almost done. So, after hoeing, 2 cm thick layer of mulch should be prepared to conserve the moisture between the spaces of two lines. With the help of this method, not only quality of vegetable increase but their production also increases by 20-40 %.
- 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.
- Basins of temperate fruit trees should be clean and layout of new orchard should be prepared.
- Collect and fill the falling leaves of fruit trees like apple, pear, peach, plum etc in the pit and destroy the infected leaves.

### **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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