

# 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				
	05/11/2016	06/11/2016	07/11/2016	08/11/2016	09/11/2016
Rainfall (mm)	0	0	0	0	0
Max Temp (°C)	20	20	19	19	19
Min Temp (°C)	08	08	07	07	07
Cloud Cover	Cloudy	Cloudy	P-Cloudy	P-Cloudy	P-Cloudy
Max RH I (%)	85	80	80	80	80
Min RH II (%)	45	40	40	40	40
Wind speed (km/h)	04	04	06	08	04
Wind direction	NE	NW	NW	NW	NW

## Weather Based Agro-Advisories

### Crop Management:

- Field should be prepared for sowing rabi crops.
- Sowing of early variety of wheat should be started.
- 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.
- 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 %.

### Horticultural Management:

- On the occurrence of brown spot in the leaves of tomato, solution of Mencozeb @ 2g/liter should be sprayed.
- In irrigated valleys, seed arrangement and preparation should be done for the sowing of Arkil variety of pea. Sowing should be done within 10-12 days.

- Sowing the seeds of Agrifound Light Red onion variety should be done in the irrigated valleys. If the seed of VL3 variety of onion is available then, it can also be sown in the hills. Nursery should be prepared in that region where seedlings should not be prepared earlier.
- Onion seeds should be treated with the Thyrum. 2.5g chemical should be sufficient for treatment of 1 Kg of seed.
- If the leaves of Rai vegetables, sown in the poly-house or in the outer environment, are ready then send them to the market. Then after irrigation should be given and light top dressing of Urea should be given to the field in the proper moisture condition after 1-2 days of irrigation.
- In the irrigated valleys, if seedlings of Rai are ready for transplanting then transplant them at a distance of 50x40 cm in the poly-house or in the outer environment.
- To save the Pea crop from stem fly, Carbofuran 3 CG @ 25Kg/Ha should be applied in the field with manure and seed at the time of sowing the seed.
- On the occurrence of fruit borer in the Tomato, Chlorantraniliprole 18.5 SC @ 150ml/Ha or Indoxacarb 14.5 SC @ 500ml/Ha should be used.
- On the attack of White fly in tomato, Cyantraniliprole 10.26 OD @ 900ml/Ha or Thiamethoxam 25 WSG @ 200g/Ha should be applied.
- No insecticide should be used more than once.
- In case of drying of plants in the French bean crop, same should be sprayed at the root with the solution of Carbendazim @ 1g/ liter of water or Trichoderma @ 6-10g/liter of water.
- Layout and digging of pits should be started for the transplanting of apple and other seed bearing fruit seedlings in winter season.

#### **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, 10-15Cc 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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