

## 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   |            |            |            |            |
|--------------------------|------------|------------|------------|------------|------------|
|                          | 07/11/2018 | 08/11/2018 | 09/11/2018 | 10/11/2018 | 11/11/2018 |
| Rainfall (mm)            | 0          | 0          | 1          | 0          | 0          |
| Max Temp ( $^{\circ}$ C) | 15         | 15         | 15         | 14         | 14         |
| Min Temp ( $^{\circ}$ C) | 4          | 3          | 3          | 4          | 5          |
| Cloud Cover              | P-Cloudy   | P-Cloudy   | P-Cloudy   | P-Cloudy   | P-Cloudy   |
| Max RH I (%)             | 80         | 80         | 85         | 85         | 85         |
| Min RH II (%)            | 40         | 40         | 45         | 45         | 45         |
| Wind speed (km/h)        | 006        | 006        | 006        | 004        | 004        |
| Wind direction           | NW         | NW         | NW         | NW         | NW         |

According to the observations recorded at India Meteorological Department Observatory located at Nainital (Altitude: 2084 m) during last seven days (30 Oct – 5 Nov, 2018), it is observed that state of sky was p-cloudy. Maximum and minimum temperature varied between  $19.0^{\circ}$ C to  $22.0^{\circ}$ C and  $9.0^{\circ}$ C to  $13.0^{\circ}$ 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.
- In irrigated condition, timely sowing varieties of wheat like UP-2382, UP-2338, WH-542, PBW-343, UP-2554, PBW 502, DBW 17 should be completed up to 15<sup>th</sup> November.
- For sowing wheat crop 150 kg Nitrogen, 60 kg phosphorous and 40 kg potash should be used. Half dose of Nitrogen and full dose of phosphorous and potash should be used as basal application. 1/4<sup>th</sup> dose of remaining half nitrogen should be used in CRI stage and remaining one fourth dose during heading stage.
- Lentil varieties like PL-639, PL-406, Pant masoor 4, Pant masoor 5, DPL 62 should be sown in the first fortnight of November. Seed rate for sowing wheat should be kept 30-40 kg/ha with depth of 6-8 cm.
- 15-20 kg Nitrogen, 40-50kg phosphorous and 30 kg potash should be used.