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**District Agromet Advisory Service Bulletin, Rudraprayag**

**Issued on: 04-12-2018**

As per Moderated Forecast Data; receive from Meteorological Center, Dehradun; following weather parameter would be prevailed in District Rudraprayag, Uttarakhand-

| Parameter/forecast period  | (between 0830 hours of Yesterday & 0830 hours Today) |                           |                           |                          |                          |
|--|--|---------------------------|---------------------------|--------------------------|--------------------------|
|  | 05-12-2018   | 06-12-2018                | 07-12-2018                | 08-12-2018               | 09-12-2018               |
| <b>Rainfall (mm)</b>   | <b>0.0</b>   | <b>Very Light (1 mm.)</b> | <b>Very Light (2 mm.)</b> | <b>0.0</b>               | <b>0.0</b>               |
| Total cloud cover in the sky<br>(octa: 0-8)<br>0 octa (completely clear sky)<br>8 octa (completely cloudy sky) | Partly cloudy<br>(3 octa)                            | Partly cloudy<br>(3 octa) | Mainly cloudy<br>(5 octa) | Mainly clear<br>(2 octa) | Mainly clear<br>(2 octa) |
| Maximum Temperature (°C)   | 22   | 21                        | 20                        | 20                       | 21                       |
| Minimum Temperature (°C)   | 10   | 9                         | 10                        | 9                        | 8                        |
| Maximum Relative Humidity (%)  | 85   | 85                        | 85                        | 80                       | 80                       |
| Minimum Relative Humidity (%)  | 45   | 40                        | 45                        | 40                       | 40                       |
| Wind speed (kmph)  | 4  | 6                         | 4                         | 6                        | 6                        |
| Wind direction   | North-West   | North-West                | North-West                | North-West               | North-West               |

**Highlights of the past week weather:** Observed meteorological parameters of last week; during the period of 28 November to 04 December, 2018 (Till 0830 Hours of Morning) at Agrometeorological Observatory, Ranichauri, Tehri Garhwal are as follows:

|                                      |                    |                            |                         |
|--------------------------------------|--------------------|----------------------------|-------------------------|
| Cumulative weekly rainfall (mm)      | 0.0                | Cloud Cover                | Partly Cloudy           |
| Max. Temperature ranges              | 12.8 °C to 17.1 °C | Minimum Temperature ranges | 3.6 °C to 7.1 °C        |
| Relative Humidity ranges (Afternoon) | 61% to 74%         | Wind Speed ranges          | 3.9 to 4.9 kmph         |
| Bright Sun Shine Hours/Day ranges    | 3.6 to 7.4 hour    | Wind Direction prevailed   | South-East & South-West |

| Crop                           | Stage                   | Crop                | Stage                  |
|--------------------------------|-------------------------|---------------------|------------------------|
| Wheat, Barley, Mustard, Lentil | Emergence/CRI           | Onion, Garlic       | Seedling               |
| Toria                          | Flowering/grain filling | Cole crops (Valley) | Transplanting/Seedling |
| Rai, Spinach, Fenugreek, Etc   | Vegetative Growth       | Citrus              | Maturity               |

**Note:** Farmer registration for SMS Link: <http://imdagrmet.gov.in/farmer/Form.php>  
 District GKMS Bulletin, Link: <http://www.imdagrmet.gov.in/node/3498>

### **Agro advisory based on advices received from the experts of agromet-advisory committee**

- Keeping in view light rainfall on 6 December, farmers are advised to postpone irrigation and any spray of chemicals.
- Transplant onion seedling if they appears 15 cm length or 5-6 week days after sowing. Root treatment should be done through recommended fungicides, pesticides and bio agents.
- If damping off disease appears on onion in nursery, apply 02gm Mancozeb+01gm Carbendazim+01 ml insecticide in per liter of water as drenching. Second spray may be done after 7-10 days interval.
- Complete the sowing of late wheat crop as early as possible. Seeds should be treated with Bavistin or Thiram @ 2-2.5 g per kilogram of seed.
- Mulching should be done in Cole crops.
- In citrus species like Malta, spray a 0.2 percent solution of blitox or copper-containing medicine to protect from canker disease. Another spray should be done in 10-15 days interval.
- Preparation of layout and pits for establishment of new orchard in temperate zone. Build the basin around main stem of fruit bearing trees and clean the shrubs/herbs/grasses and leaf litter.
- Vaccination of *Brucellosis* vaccine in 4-6 month old female calves for increase the resistant power. Do not vaccination on male calves. Keen interest to De-worming before 1-2 weeks of vaccination.
- Dew appearing grasses/herbs should not given to goat/sheep as fodder.
- Protect from cold by covering gunny bags during night and give some sunbath during day time.
- Electric Bulb installed in Chicken farm for maintain temperature during night

**Nodal officer**  
**Agromet Field Unit, Ranichauri**

**Technical Officer**  
**Gramin Krishi Mausam Sewa**