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District Agromet Advisory Service Bulletin, Uttarkashi

Issued on: 10-05-2019

As per Moderated Forecast Data; received from Meteorological Center, Dehradun; following weather parameter would be prevailed in **District Uttarkashi, Uttarakhand**–

| Weather Parameter | Forecast Validity (between 08:30AM of Yesterday & 08:30AM hours of Today) | | | | |
|--|--|------------------------------|------------------------------|------------------------------|------------------------------|
| | 11-05-2019 | 12-05-2019 | 13-05-2019 | 14-05-2019 | 15-05-2019 |
| Rainfall (mm) | 5 mm. (Light) | 12 mm. (Moderate) | 12 mm. (Moderate) | 12 mm. (Moderate) | 20 mm. (Moderate) |
| Total cloud cover in the sky (octa: 0-8) 0 octa (completely clear sky) 8 octa (completely cloudy sky) | 5 (Mainly Cloudy) | 6 (Mainly Cloudy) | 4 (Partly Cloudy) | 7 (Mainly Cloudy) | 7 (Mainly Cloudy) |
| Maximum Temperature (°C) | 31 | 29 | 29 | 27 | 25 |
| Minimum Temperature (°C) | 15 | 15 | 15 | 13 | 11 |
| Maximum Relative Humidity (%) | 80 | 85 | 80 | 80 | 90 |
| Minimum Relative Humidity (%) | 40 | 45 | 40 | 40 | 50 |
| Wind speed (kmph) | 8 | 8 | 8 | 6 | 8 |
| Wind direction | NW | NE | NW | NW | NE |

Highlights of the past week weather: Observed meteorological parameters of last week; during the period of 04 to 10 May, 2019 (Till 0830 Hours of Morning) at Agrometeorological Observatory, Ranichauri, Tehri Garhwal are as follows:

| | | | |
|--------------------------------------|--------------------|----------------------------|-------------------|
| Cumulative weekly rainfall (mm) | 0.0 | Cloud Cover | Mainly Clear |
| Max. Temperature ranges | 23.6 °C to 28.4 °C | Minimum Temperature ranges | 9.9 °C to 15.0 °C |
| Relative Humidity ranges (Afternoon) | 17% to 41% | Wind Speed ranges | 4.3 to 5.1 kmph |
| Bright Sun Shine Hours/Day ranges | 9.6 to 11.5 hour | Wind Direction prevailed | SE & NW |

Normalized Difference Vegetation Index (29 April to 05 May, 2019); agriculture vigor is moderate over many districts

Standardized Precipitation Index (cumulative 4 week for the period of 11 April to 08 May 2019): mildly dry condition prevailed during the period most part of districts

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

**Agro advisory based on advices received from the experts of
Agromet Advisory Committee**

| Crop | Stage | Agromet Advisory |
|---|------------------------------------|---|
| Wheat, Barley, Mustard (Valley) | Maturity | Harvest matured crop and kept in safer place. |
| Wheat, Barley (High altitude) | Grain filling | Postpone irrigation and chemicals. Remove disease affected plants |
| Barnyard millet, pigeon pea, (Mid to high altitude) | Emergence | Hoeing and weeding should be done after 2-3 weeks of emergence. Apply bio-fungicide in field during inter-culture operations to minimize the pathogen attack. |
| Onion, Garlic | Bulb growth | Avoid water logging. Apply bio-fungicide in field to minimize the pathogen attack. |
| Ginger | Sowing | Field preparation. |
| Potato (Rainfed) | Vegetative growth | Earthing up and mulching should be done. Apply bio-fungicide in field to minimize the pathogen attack. |
| Tomatoes, Chilli Capsicum, Brinjal, and cucurbitaceous crops | Vegetative growth/Flowe ring | Staking and mulching should be done. |
| Apple, Peach, Apricot, Plum, Walnut | Fruit development | Hail net should used. Mulching may be done with crop residues for conserving moisture. Proper arrangement for rain water storage in orchard site. |
| Mushroom | - | Doors and window should close properly. Maintain optimum temperature and Relative Humidity in crop room. |
| Animal Husbandry | - | FMD vaccination should be given to cow and buffaloes. Clean water should used for drinking. Clean the cowshed. |
| Agro-Forestry | - | Prepare fire line to protect from forest fire. Start pit formation for transplanting of rainy season plants. |

Nodal officer
Agro-Met Field Unit, Ranichauri

Technical Officer
Agro-Met Field Unit, Ranichauri