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District Agromet Advisory Service Bulletin, Almora

Issued on: 31-05-2019

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

| Weather Parameter | Forecast Validity | | | | |
|--|---|------------------|---------------------------------|---------------------------------|---------------------|
| | (between 08:30AM of Yesterday & 08:30AM of Today) | | | | |
| | 01-06-2019 | 02-06-2019 | 03-06-2019 | 04-06-2019 | 05-06-2019 |
| Rainfall (mm) | 0.0 | 0.0 | 2 (very light) | 2 (very light) | 0.0 |
| Total cloud cover in the sky (octa: 0-8) 0 octa (completely clear sky) 8 octa (completely cloudy sky) | 0 (Clear Sky) | 0 (Clear Sky) | 2 (Mainly Clear) | 2 (Mainly Clear) | 1 (Mainly Clear) |
| Maximum Temperature (°C) | 35 | 36 | 36 | 35 | 34 |
| Minimum Temperature (°C) | 14 | 15 | 15 | 15 | 15 |
| Maximum Relative Humidity (%) | 70 | 70 | 80 | 80 | 80 |
| Minimum Relative Humidity (%) | 30 | 30 | 40 | 40 | 40 |
| Wind speed (kmph) | 6 | 6 | 10 | 10 | 8 |
| Wind direction | SE | SE | SE | SE | SE |

Highlights of the past week weather: Observed meteorological parameters of last week; during the period of 25 to 31 May, 2019 (Till 0830 Hours of Morning) at Agrometeorological Observatory, Ranichauri, Tehri Garhwal are as follows:

| | | | |
|--------------------------------------|--------------------|----------------------------|-------------------------------|
| Cumulative weekly rainfall (mm) | 2.3 | Cloud Cover | Mainly clear to Partly cloudy |
| Max. Temperature ranges | 20.5 °C to 29.7 °C | Minimum Temperature ranges | 10.0 °C to 16.1 °C |
| Relative Humidity ranges (Afternoon) | 20% to 42% | Wind Speed ranges | 3.1 to 5.0 kmph |
| Bright Sun Shine Hours/Day ranges | 3.5 to 11.7 hour | Wind Direction prevailed | NW & SE |

Normalized Difference Vegetation Index (20 to 26 May, 2019); agriculture vigor is moderate.

Standardized Precipitation Index (cumulative 4 week for the period of 2 to 29 May 2019): Mildly dry condition prevailed during the period.

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

| Crop | Stage | Agromet Advisory |
|--|------------------------------------|---|
| Paddy (Irrigated) | Nursery /Seedling | Transplanting may be done. |
| Wheat | Maturity | Harvested crops kept in safer place. |
| Barnyard millet, pigeon pea, (Mid to high altitude) | Seedling | Hoeing and weeding should be done after rain. Apply bio-fungicide in field during inter-culture operations to minimize the pathogen attack. |
| Onion, Garlic | Bulb development | Light irrigation may be done. If purple blotch symptom observed over leaves, spray Ridomil @2gm per liter of water with added adhesive. |
| Ginger | Emergence | Mulch should be used for soil moisture conservation. |
| Potato (Rainfed) | Vegetative growth/ Tuber formation | Earthing up and mulching should be done. Removal of weeds. Apply bio-fungicide in field to minimize the pathogen attack. |
| Tomatoes, Chilli Capsicum, Brinjal, and cucurbitaceous crops (Valley) | Flowering/Fruiting | Give life saving irrigation. Staking and mulching should be done. |
| Tomatoes, Chilli Capsicum, Brinjal, and cucurbitaceous crops (High Altitude) | Nursery /seedling | Transplanting may be done. Black polythene use as mulch to avoid weed emergence. |
| Peach, Apricot, | Fruit development /Maturity | Avoid any spray of chemical during maturity. |
| Apple, Plum, Walnut | Fruit development | Maintain optimum moisture in the orchards. Mulching may be done with crop residues for conserving moisture. Irrigation should be done. |
| Citrus (Malta) | Flowering/Fruit Initiation | |
| Mushroom | - | Maintain humidity in crop room. Open the doors and window during day time for enter the fresh air in crop room. |
| Animal Husbandry | - | Fed Green fodder and mineral mixture. Clean water used for drinking. FMD vaccination should be given to cow and buffaloes before onset of monsoon. Medicine use for Endoparasite. |
| Agro-Forestry | - | Prepare fire line to protect from forest fire. Start pit formation for planting of rainy season plants. |

Nodal officer
Agro-Met Field Unit, Ranichauri

Technical Officer
Agro-Met Field Unit, Ranichauri