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District Agromet Advisory Service Bulletin, Bageshwar

Issued on: 23-04-2019

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

| Weather Parameter | Forecast Validity (between 08:30AM of Yesterday & 08:30AM of Today) | | | | |
|--|--|------------------|-------------------------------|------------------|------------------|
| | 24-04-2019 | 25-04-2019 | 26-04-2019 | 27-04-2019 | 28-04-2019 |
| Rainfall (mm) | 0.0 | 0.0 | 2 mm. (Very light) | 0.0 | 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) | 3 (Partly Cloudy) | 0 (Clear sky) | 0 (Clear sky) |
| Maximum Temperature (°C) | 28 | 29 | 30 | 31 | 32 |
| Minimum Temperature (°C) | 14 | 15 | 16 | 17 | 17 |
| Maximum Relative Humidity (%) | 75 | 70 | 75 | 70 | 70 |
| Minimum Relative Humidity (%) | 35 | 30 | 35 | 30 | 30 |
| Wind speed (kmph) | 6 | 6 | 8 | 8 | 6 |
| Wind direction | NW | SE | SE | NW | NW |

Highlights of the past week weather: Observed meteorological parameters of last week; during the period of 17 - 23 April, 2019 (Till 0830 Hours of Morning) at Agrometeorological Observatory, Ranichauri, Tehri Garhwal are as follows:

| | | | |
|--------------------------------------|--------------------|----------------------------|---------------------------|
| Cumulative weekly rainfall (mm) | 11.5 | Cloud Cover | Partly cloudy to overcast |
| Max. Temperature ranges | 12.2 °C to 23.0 °C | Minimum Temperature ranges | 5.7 °C to 11.8 °C |
| Relative Humidity ranges (Afternoon) | 41% to 98% | Wind Speed ranges | 2.4 to 4.6 kmph |
| Bright Sun Shine Hours/Day ranges | 0.0 to 11.0 hour | Wind Direction prevailed | SE & E |

Normalized Difference Vegetation Index (08-14 April, 2019); agriculture vigor is moderate over many districts.

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

| Crop | Stage | Agromet Advisory |
|--|---------------------------------|---|
| Ginger | Sowing | Prepare fields for sowing. Select disease free rhizome, dip treatment with a mixture of Dithane M-45 (0.25%) + Bavistin (0.1%) for 60 minutes, and using Trichoderma harizianum (1kg in 25 kg FYM/ha) as soil treatment in furrows. |
| Onion, Garlic | Bulb formation | Application of <i>Trichoderma viride</i> (biofungicide) inhibit growth of the pathogen. Mulching should be done. |
| Potato (Rainfed) | Vegetative growth | Earthing- up and weeding of potato fields are done as soon as weeds emerge, but preferably when potato plants are about 8–10 cm high. Mulching can be done for suppress the weeds and moisture preservation. |
| Tomatoes, Chilli Capsicum, Brinjal, and cucurbitaceous crops | Seedling | Life saving irrigation. Staking newly transplanted seedlings. Mulching may be done with crop residues; this will suppress the weed growth besides conserving moisture. |
| Wheat, Barley, Mustard (Valley) | Grain filling/ Maturity | Life saving irrigation. Remove weeds from outside of the bunds. |
| Wheat, Barley (High altitude) | Flowering/ Milking | |
| Barnyard millet, pigeon pea, (Mid to high altitude) | Germination/ Emergence | First weeding should be done after 2-3 weeks of emergence. |
| Peach, Apricot, Plum, Walnut | Fruit setting/Fruit development | Infestation of Leaf curl is observed in field. Spray of suitable insecticide followed by fungicide and antibiotic (Streptocyclin) can be done. Spray can be delayed under rainfall situation. |
| Apple | Flowering/Fruit setting | Scrap dead bark and lichen from trees with bark scrappers and white wash fruit trees. Mulching may be done with crop residues. This will suppress the weed growth besides conserving moisture. |
| Sericulture | 2-3 year old plants | Removal of side branches. Removal of weeds around tree base. |
| Mushroom | - | Doors and window should be closed properly. Maintain humidity in crop room. |
| Animal Husbandry | - | FMD vaccination should be given to cow and buffaloes. |

Nodal officer
Agro-Met Field Unit, Ranichauri

Technical Officer
Agro-Met Field Unit, Ranichauri

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