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District Agromet Advisory Service Bulletin, Chamoli

Issued on: 04-12-2018

As per Moderated Forecast Data; receive from Meteorological Center, Dehradun; following weather parameter would be prevailed in **District Chamoli, 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 |
| Rainfall (mm) | 0.0 | Very Light (1 mm.) | Very Light (2 mm.) | 0.0 | 0.0 |
| Total cloud cover in the sky (octa: 0-8) 0 octa (completely clear sky) 8 octa (completely cloudy sky) | Partly cloudy (3 octa) | Partly cloudy (3 octa) | Mainly cloudy (5 octa) | Mainly clear (2 octa) | Mainly clear (2 octa) |
| Maximum Temperature (°C) | 20 | 20 | 19 | 18 | 18 |
| Minimum Temperature (°C) | 7 | 7 | 8 | 7 | 6 |
| 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 |

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