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District Agromet Advisory Service Bulletin, Rudraprayag

Issued on: 23-04-2019

As per Moderated Forecast Data; receive from Meteorological Center, Dehradun; following weather parameter would be prevailed in District Rudraprayag, 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	5 mm. (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)	25	26	27	28	29
Minimum Temperature (°C)	13	14	15	16	16
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.

Standardized Precipitation Index (cumulative 4 week for the period of 21 March to 17 April 2019): Mildly wet condition prevailed during the period most part of districts.

Agro advisory based on advices received from the experts of

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

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 <i>Trichoderma harizianum</i> (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	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

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