

Consolidated Agro-Meteorological Advisory for the farmers of Uttarakhand issued by Meteorological Centre, Dehradun with the cooperation of A.M.F.U. Ranichauri, Pantnagar and Roorkee valid from 14-08-2018 (08:30 IST) till 19-08-2018 (08:30 IST):

PART –I: WEATHER INFORMATION

Past weather from 10-07-2018 to 13-08-2018	Weather forecast valid from 14-08-2018 (08:30 IST) till 19-08-2018 (08:30 IST)
---	---

HILLY REGION: A.M.F.U. RANICHAURI

<p>During the week sky conditions remained generally cloudy to overcast sky. As per the meteorological data received from A.M.F.U Ranichauri, moderate rainfall recorded on 13.08.2018, very light rainfall recorded on 12.08.2018 and dry weather remained in rest of days. Maximum temperature was between 21.7°C to 22.8°C. Minimum temperature was between 16.0°C to 17.0°C. Relative humidity was between 84% and 100%. Average wind speed was between 2 and 5 km/hour.</p>	<p>Generally cloudy sky. Light to moderate rain/thunder showers likely to occur at many places on 14th, 15th & 18th and at a few places on 16th & 17th August 2018 in Uttarakhand. Warning: WATCH: Heavy rainfall likely to occur at isolated places especially in Pithoragarh, Nainital and Bageshwar districts of Kumaun region of Uttarakhand during next 24 hours.</p>
--	---

A.M.F.U-PANTNAGAR (UDHAM SINGH NAGAR AND NAINITAL DISTRICT)

<p>During the week sky conditions remained generally cloudy to overcast sky. As per the meteorological data of departmental observatory, Pantnagar, heavy rainfall recorded on 12 & 13.08.2018 and very light rainfall recorded on 10 & 11.08.2018. Maximum temperature was between 26.5°C to 32.3°C which were between -6°C to 0°C from normal. Minimum temperature was between 24.8°C to 25.7°C which was between 0 to 1°C from the normal. Relative humidity was between 79% and 100%. Average wind speed was between 0 and 5 km/hour.</p>	<p>Generally cloudy sky. Light to moderate rain/thunder showers likely to occur at many places on 14th, 15th & 18th and at a few places on 16th & 17th August 2018 in Uttarakhand. Warning: WATCH: Heavy rainfall likely to occur at isolated places especially in Pithoragarh, Nainital and Bageshwar districts of Kumaun region of Uttarakhand during next 24 hours.</p>
---	---

A.M.F.U-ROORKEE (HARIDWAR, HILLY AREAS OF DEHRADUN AND PAURI DISTRICTS)

<p>During the week sky conditions remained cloudy to overcast sky. As per the meteorological data of departmental observatory, Dehradun, heavy rainfall recorded on 13.08.2018 and moderate rainfall recorded on 10, 11&12.08.2018. Maximum temperature was between 28.1°C to 30.2°C which was -2°C to 0°C below normal. Minimum temperature was between 23.1°C to 24.4°C which was between 0 to 1°C from the normal. Relative humidity was between 86% and 100%. Average wind speed was between 0 and 4 km/hour.</p>	<p>Generally cloudy sky. Light to moderate rain/thunder showers likely to occur at many places on 14th, 15th & 18th and at a few places on 16th & 17th August 2018 in Uttarakhand. Warning: WATCH: Heavy rainfall likely to occur at isolated places especially in Pithoragarh, Nainital and Bageshwar districts of Kumaun region of Uttarakhand during next 24 hours.</p>
---	---

.....continued on next page

**PART –II: ZONAL AGRO-METEOROLOGICAL ADVISORY BASED ON THE ADVISORY ISSUED BY
A.M.F.U. RANICHAURI, PANTNAGAR AND ROORKEE**

HILLY REGION: A.M.F.U. RANICHAURI

Crops	Crop stage	Agro Meteorological Advisory
Vegetables	Flowering/ Fruiting	Staking of plants of Chilly, capsicum, Tomato and brinjal. Remove unhealthy and disease affected fruits/plants. Monitor for disease. Arrange for well drainage. Continue to harvest mature fruit of Chilly, capsicum & Tomato.
Cauliflower/ Cabbage	Growth	Remove weeds and clean the drainage channels.
Paddy/ Barnyard Millet	Panicle initiation	Weeding and hoeing of crop should be done. Monitor for disease.
Paddy (Irrigated)	stem elongation	Hoeing should be done to control the weeds.
Potato	Tuber growth/ Maturity	Remove the weed by hand. Harvest mature tubers of potato.
Maize	Growth	Weeding and hoeing of crop should be done. Monitor for disease.
Fingermillet, Amaranth	Vegetative growth/ Flowering	Weeding and hoeing of crop should be done. Monitor for disease.
Black gram, Soybean	Vegetative growth	Weeding and hoeing of crop should be done. Monitor for disease.
French Bean/Lady Finger	Flowering/ Vegetative growth	Remove the weed by hand. Arrange for well drainage. Picking should be done timely.
Ginger	Rhizome development	Inter cultural operation should be done. Arrange of water drainage.
Apple	Fruit development/ Maturity	Remove the weeds on the garden. Avoid water logging into basin. Harvest early variety of crop.
Urd	Growth	Weeding and hoeing of crop should be done.

A.M.F.U-PANTNAGAR (UDHAM SINGH NAGAR AND NAINITAL DISTRICT)

Crops	Crop stage	Agro Meteorological Advisory
Sugar cane	Growth	Monitor for disease and hoeing should be done. Tie up the plant. Arrange for well drainage.
Vegetables	Flowering/ Fruiting	Staking of plants of Chilly, capsicum, Tomato and brinjal. Remove unhealthy and disease affected fruits/plants. Monitor for disease. Arrange for well drainage. Continue to harvest mature fruit of Chilly, capsicum & Tomato.
Turmeric, ginger & arbi	Growth	Remove the weed by hand. Arrange for well drainage
Potato	Bulb formation	Monitor for disease and remove the weed by hand. Arrange for well drainage.
Maize	Growth	Weeding and hoeing of crop should be done. Monitor for disease.
Fingermillet, Amaranth	Vegetative growth/ Flowering	Weeding and hoeing of crop should be done. Monitor for disease.
Black gram, Soybean	Vegetative growth	Weeding and hoeing of crop should be done. Monitor for disease.

French Bean	Flowering/ Pod formation	Remove the weed by hand. Arrange for well drainage. Picking should be done timely.
Cauliflower/ Cabbage	Growth	Weeding and hoeing of crop should be done. Monitor for disease.
Paddy	Growth	Weeding and hoeing of crop should be done. Monitor for disease.
Mango	Growth/ Maturity	Pickup the matured fruit.
Barnyard Millet	Growth	Weeding and hoeing of crop should be done. Monitor for disease.
Urd	Growth	Weeding and hoeing of crop should be done.

A.M.F.U-ROORKEE (HARIDWAR, HILLY AREAS OF DEHRADUN AND PAURI DISTRICTS)

Crops	Crop stage	Agro Meteorological Advisory
Sugar cane	Growth	Monitor for disease and hoeing should be done. Tie up the plant. Arrange for well drainage.
Vegetables	Flowering/ Fruiting	Staking of plants of Chilly, capsicum, Tomato and brinjal. Remove unhealthy and disease affected fruits/plants. Monitor for disease. Arrange for well drainage. Continue to harvest mature fruit of Chilly, capsicum & Tomato.
Turmeric, ginger & arbi	Growth	Remove the weed by hand. Arrange for well drainage
French Bean	Flowering/ Pod formation	Remove the weed by hand. Picking should be done timely.
Potato	Bulb formation	Monitor for disease and remove the weed by hand. Arrange for well drainage.
Maize	Growth	Weeding and hoeing of crop and gap filling should be done. Monitor for disease.
Fingermillet, Amaranth	Vegetative growth/ Flowering	Weeding and hoeing of crop should be done. Monitor for disease.
Black gram, Soybean	Vegetative growth	Weeding and hoeing of crop should be done. Monitor for disease.
Cauliflower/ Cabbage	Tiller	Weeding and hoeing of crop and gap filling should be done. Monitor for disease.
Tomato	Flowering/ Fruit	Take care of crops and monitor the crop for any disease. Picking should be done timely.
Mango	Growth/ Maturity	Pickup the matured fruit.
Barnyard Millet	Tilering/ Growth	Weeding and hoeing of crop and gap filling should be done. Monitor for disease.
Urd	-	Weeding and hoeing of crop should be done.

(बिक्रम सिंह)
निदेशक