

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 11-12-2018 (08:30 IST) till 16-12-2018 (08:30 IST):

**PART –I: WEATHER INFORMATION**

<b>Past weather from 07-12-2018 to 10-12-2018</b>	<b>Weather forecast valid from 11-12-2018 (08:30 IST) till 16-12-2018 (08:30 IST)</b>
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**HILLY REGION: A.M.F.U. RANICHAURI**

<p>During the period sky conditions remained mainly clear. As per the meteorological data received from A.M.F.U Ranichauri, dry weather prevailed during the period. Maximum temperature was between 12.4°C to 14.2°C. Minimum temperature was between 1.6°C to 2.0°C. Relative humidity was between 37% and 89%. Average wind speed was 5 km/hour.</p>	<p>Partly to generally cloudy sky likely to remain on 11<sup>th</sup>, 12<sup>th</sup> &amp; 13<sup>th</sup> December 2018 and mainly clear to partly cloudy sky on rest of days. Very light to light rain/snow likely to occur at a few places with moderate rain/snow at isolated places on 11<sup>th</sup> &amp; 12<sup>th</sup> December 2018 &amp; at isolated places in hills on 13<sup>th</sup> &amp; 14<sup>th</sup> December 2018 and dry weather likely to prevail on 15<sup>th</sup> December 2018. Shallow fog/Mist likely to occur in some parts of plains of Uttarakhand during early morning/morning hours on 13<sup>th</sup>, 14<sup>th</sup> &amp; 15<sup>th</sup> December 2018.</p>
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**A.M.F.U-PANTNAGAR (UDHAM SINGH NAGAR AND NAINITAL DISTRICT)**

<p>During the period sky conditions remained mainly clear. As per the meteorological data of departmental observatory, Pantnagar, dry weather prevailed during the period. Maximum temperature was between 23.0°C to 23.7°C which was -1°C from the normal. Minimum temperature was between 4.8°C to 4.9°C which was -2°C from the normal. Relative humidity was between 61% and 92%. Average wind speed was between 0 and 2 km/hour.</p>	<p>Partly to generally cloudy sky likely to remain on 11<sup>th</sup>, 12<sup>th</sup> &amp; 13<sup>th</sup> December 2018 and mainly clear to partly cloudy sky on rest of days. Very light to light rain/snow likely to occur at a few places with moderate rain/snow at isolated places on 11<sup>th</sup> &amp; 12<sup>th</sup> December 2018 &amp; at isolated places in hills on 13<sup>th</sup> &amp; 14<sup>th</sup> December 2018 and dry weather likely to prevail on 15<sup>th</sup> December 2018. Shallow fog/Mist likely to occur in some parts of plains of Uttarakhand during early morning/morning hours on 13<sup>th</sup>, 14<sup>th</sup> &amp; 15<sup>th</sup> December 2018.</p>
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**A.M.F.U-ROORKEE (HARIDWAR, HILLY AREAS OF DEHRADUN AND PAURI DISTRICTS)**

<p>During the period sky conditions remained mainly clear to partly cloudy. As per the meteorological data of departmental observatory, Dehradun, dry weather prevailed during the period. Maximum temperature was between 22.8°C to 24.1°C which was between 1 to 2°C from the normal. Minimum temperature was between 6.5°C to 7.8°C which was between -1 to 0°C from the normal. Relative humidity was between 50% and 95%. Average wind speed was between 1 and 2 km/hour.</p>	<p>Partly to generally cloudy sky likely to remain on 11<sup>th</sup>, 12<sup>th</sup> &amp; 13<sup>th</sup> December 2018 and mainly clear to partly cloudy sky on rest of days. Very light to light rain/snow likely to occur at a few places with moderate rain/snow at isolated places on 11<sup>th</sup> &amp; 12<sup>th</sup> December 2018 &amp; at isolated places in hills on 13<sup>th</sup> &amp; 14<sup>th</sup> December 2018 and dry weather likely to prevail on 15<sup>th</sup> December 2018. Shallow fog/Mist likely to occur in some parts of plains of Uttarakhand during early morning/morning hours on 13<sup>th</sup>, 14<sup>th</sup> &amp; 15<sup>th</sup> December 2018.</p>
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**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**

<b>Crops</b>	<b>Crop stage</b>	<b>Agro Meteorological Advisory</b>
Cauliflower/ Cabbage	Growth	Remove weeds and monitor for disease. Irrigate the crop. Apply fertilizer.
Vegetables	Vegetative growth	Sowing of rye, spinach, coriander, fenugreek etc should continue. Irrigate the vegetables. Apply fertilizer. Cut leaf vegetable timely.
Wheat	Germination	Continue sowing the crop. Irrigate the crop.
Barley	Germination	Continue sowing the crop. Irrigate the crop.
Onion/Garlic	Plant	Weeding and hoeing should be done in the crop. Irrigate the crop.
Toriya	Flowering	Take care of the crop.
Vegetable Pea	Flowering/ Fruiting	Hoeing should be done and remove extra pants. Irrigate the plants. Apply fertilizer.
Ginger	Growth	Remove the weed.
Mango, papaya, guava, Lemon, Litchi & Apple	-	Take care of new plants. Remove weeds and monitor for disease.

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

<b>Crops</b>	<b>Crop stage</b>	<b>Agro Meteorological Advisory</b>
Sugar cane	Growth	Weeding and hoeing of winter variety crop should be done. Irrigate the crop when required. Harvesting of mature crop should be done.
Vegetables	Vegetative growth	Sowing of rye, spinach, coriander, fenugreek etc should continue. Irrigate the vegetables. Apply fertilizer. Cut leaf vegetable timely.
Turmeric, ginger & arbi	Growth	Remove the weed.
Wheat	Germination	Continue sowing the crop. Irrigate the crop.
Barley	Germination	Continue sowing the crop. Irrigate the crop.
Gram	Germination	Continue sowing the crop. Weed control should be done.
Onion/Garlic	Plant	Weeding and hoeing should be done in the crop. Irrigate the crop.
Cauliflower/ Cabbage	Growth	Remove weeds and monitor for disease. Irrigate the crop. Apply fertilizer.
Toriya	Flowering	Take care of the crop.
Vegetable Pea	Flowering/ Fruiting	Take care of the crop & Irrigate the crop. Apply fertilizer.
Mango, papaya, guava, Lemon, Litchi	-	Take care of new plants. Remove weeds and monitor for disease.

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

<b>Crops</b>	<b>Crop stage</b>	<b>Agro Meteorological Advisory</b>
Sugar cane	Growth	Weeding and hoeing of winter variety crop should be done. Irrigate the crop when required. Harvesting of mature crop should be done.
Vegetables	Vegetative growth	Sowing of rye, spinach, coriander, fenugreek etc should continue. Irrigate the vegetables. Apply fertilizer. Cut leaf vegetable timely.
Turmeric, ginger & arbi	Growth	Weeding and earthing should be done.
Wheat	Germination	Continue sowing the crop. Irrigate the crop.
Barley	Germination	Continue sowing the crop. Irrigate the crop.
Gram	Germination	Continue sowing the crop. Weed control should be done.

Onion/Garlic	Plant	Weeding and hoeing should be done in the crop. Irrigate the crop.
Cauliflower/ Cabbage	Growth	Remove weeds and monitor for disease. Irrigate the crop. Apply fertilizer.
Toriya	Flowering	Take care of the crop.
Vegetable Pea	Flowering/ Fruiting	Take care of the crop & Irrigate the crop. Apply fertilizer.
Mango, papaya, guava, Lemon, Litchi	-	Take care of new plants. Remove weeds and monitor for disease.

(बिक्रम सिंह)  
निदेशक