

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 20-04-2018 (08:30 IST) till 25-04-2018 (08:30 IST):

**PART –I: WEATHER INFORMATION**

<b>Past weather from 17-04-2018 to 19-04-2018</b>	<b>Weather forecast valid from 20-04-2018 (08:30 IST) till 25-04-2018 (08:30 IST)</b>
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**HILLY REGION: A.M.F.U. RANICHAURI**

<p>During the period sky conditions remained mainly clear to partly cloudy. As per the meteorological data received from A.M.F.U Ranichauri, dry weather remained in all days. Maximum temperature was between 22.4°C and 24.0°C. Minimum temperature was between 10.3°C and 12.3°C. Relative humidity was between 26% and 54%. Average wind speed was between 4 and 5 km/hour.</p>	<p>Partly to generally cloudy sky on 20 &amp; 21.04.2018 and mainly clear to partly cloudy sky on rest of the days. Light to moderate rain/thunderstorm most likely to occur at many places on 20.04.2018, very light to light rain/ thunderstorm likely to occur at isolated places in Uttarkashi, Chamoli &amp; Pithoragarh districts on 21.04.2018 and dry weather likely to prevail in rest of days. <b>Warning:</b> Hail/Squall likely to occur at isolated places especially in Uttarkashi, Pithoragarh, Chamoli, Tehri, Rudraprayag and Bageshwar districts of Uttarakhand in next 24 hours.</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 to partly cloudy. As per the meteorological data of departmental observatory, Pantnagar, very light rainfall recorded on 18.04.2018 and dry weather remained in rest of days. Maximum temperature was between 36.4°C and 37.8°C which were between 0 to 1°C from the normal. Minimum temperature was between 14.2°C and 16.2°C which were between -2 to 0°C from the normal. Relative humidity was between 22% and 61%. Average wind speed was between 3 and 8 km/hour.</p>	<p>Partly to generally cloudy sky on 20.04.2018 and mainly clear to partly cloudy sky on rest of the days. Light to moderate rain/thunderstorm most likely to occur at many places on 20.04.2018 and dry weather likely to prevail in rest of days. <b>Warning:</b> Hail/Squall likely to occur at isolated places especially in Nainital district of Uttarakhand in next 24 hours.</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, very light rainfall recorded on 17.04.2018 and dry weather remained in rest of days. Maximum temperature was between 35.3°C and 36.1°C which were between 1 to 3°C above from the normal. Minimum temperature was between 17.2°C and 18.8°C which were between 0 to 1°C from the normal. Relative humidity was between 27% and 48%. Average wind speed was between 3 and 6 km/hour.</p>	<p>Partly to generally cloudy sky on 20.04.2018 and mainly clear to partly cloudy sky on rest of the days. Light to moderate rain/thunderstorm most likely to occur at many places on 20.04.2018 and dry weather likely to prevail in rest of days. <b>Warning:</b> Hail/Squall likely to occur at isolated places especially in Dehradun district of Uttarakhand in next 24 hours.</p>
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**Note:- Fairly wide spread, Light to moderate rain/thunderstorm accompanied with hail/squall at isolated places likely to occur during next 24 hours and dry weather likely to prevail thereafter in Uttarakhand during the period. Maximum temperature likely to rise by 2-3 deg C above normal during next 3 to 4 days in Uttarakhand.**

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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>
Vegetables	Germination/ Transplant	Continue showing and transplant Chilly, capsicum, Tomato and brinjal.
Cauliflower/ Cabbage	Maturity	Weeding and hoeing of the crop and continue harvesting of crop.
Onion/ Garlic	Bulb growth	Weeding and hoeing of crop monitor the disease and apply the insecticide if required.
Paddy/ Barnyard Millet	Germination	Keep continue sowing work.
Potato	Vegetative growth	Cover the germinated potato with the soil. 8-10 cm thick layer.
Chana/ Masoor	Flowering	Weeding of crop.
Peas	Flowering	Weeding and hoeing of crop monitor the disease and apply the insecticide if required.
Wheat/Barley	Grain formation	Weeding and hoeing of crop monitor the disease and apply the insecticide if required.
French Bean/Lady Finger	Growing	Hoeing of crop.
Apple	Flowering	To save the apple from apple scab disease in high hilly regions, necessary spraying of recommended chemical should be done.

**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	Growing	Monitor for disease and apply the insecticide. Complete late showing sugar cane. Light irrigation should be given after 21 <sup>st</sup> .
Vegetables	Germination/ Transplant	Continue showing and transplant Chilly, capsicum, Tomato and brinjal. Light irrigation should be given after 21 <sup>st</sup> .
Turmeric, ginger & arbi	-	Keep continue sowing work. Light irrigation should be given after 21 <sup>st</sup> .
Potato	-	Cover the germinated potato with the soil. 8-10 cm thick layer.
French Bean	Growing	Keep continue sowing. Light irrigation should be given after 21 <sup>st</sup> .
Garlic	-	Weeding and hoeing of crop monitor the disease and apply the insecticide if required. Stop irrigating.
Cauliflower/ Cabbage	-	Weeding and hoeing of crop monitor the disease and apply the insecticide if required.
Tomato	Growing	Take care of crops and monitor the crop for any disease and apply the insecticide if required.
Toriya/Mustard	Maturity	Harvesting of crop should be done after 21 <sup>st</sup> .
Gram/Masoor	Maturity	Harvesting of crop should be done after 21 <sup>st</sup> .
Peas	Maturity	Harvesting should be done after 21 <sup>st</sup> and dried them in the field.
Wheat/Barley	Maturity	Harvesting of crop should be done after 21 <sup>st</sup> .
Mango	Fruit setting	Take care of crops. Monitor the crops for any disease and apply the insecticide if required.
Moong	-	Keep continue sowing work.
Barnyard Millet	-	Keep continue sowing work.

**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	Growing	Monitor for disease and apply the insecticide. Complete late showing sugar cane. Light irrigation should be given after 21 <sup>st</sup> .
Vegetables	Germination/ Transplant	Continue showing and transplant Chilly, capsicum, Tomato and brinjal. Light irrigation should be given after 21 <sup>st</sup> .
Turmeric, ginger & arbi	-	Keep continue sowing work. Light irrigation should be given after 21 <sup>st</sup> .
French Bean	Growing	Keep continue sowing. Light irrigation should be given after 21 <sup>st</sup> .
Potato	-	Cover the germinated potato with the soil. 8-10 cm thick layer.
Cauliflower/ Cabbage	-	Weeding and hoeing of crop monitor the disease and apply the insecticide if required.
Tomato	Growing	Take care of crops and monitor the crop for any disease and apply the insecticide if required.
Garlic	-	Weeding and hoeing of crop monitor the disease and apply the insecticide if required. Stop irrigating.
Toriya/ Mustard	Maturity	Harvesting of crop should be done after 21 <sup>st</sup> .
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Wheat/ Barley	Maturity	Harvesting of crop should be done after 21 <sup>st</sup> .
Mango	Fruit setting	Take care of crops. Monitor the crops for any disease and apply the insecticide if required.
Moong	-	Keep continue sowing work.
Barnyard Millet	-	Keep continue sowing work.

(बिक्रम सिंह)  
निदेशक