

## ग्रामोभ्युदयादेव देशोभ्युदयः

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### District Agromet Advisory Bulletin, Udham Singh Nagar

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As per forecast received from National Centre for Medium Range Weather Forecast, India Meteorological Department, Mausam Bhawan, New Delhi and value added to the forecast by Meteorological Centre, Dehradun for next five days for Udham Singh Nagar and plain area of Nainital districts are as follows:

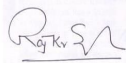
| Parameter                | Udham Singh Nagar |            |            |            |            |
|--------------------------|-------------------|------------|------------|------------|------------|
|                          | 19/04/2019        | 20/04/2019 | 21/04/2019 | 22/04/2019 | 23/04/2019 |
| Rainfall (mm)            | 3                 | 0          | 0          | 0          | 0          |
| Max Temp ( $^{\circ}$ C) | 30                | 32         | 34         | 35         | 37         |
| Min Temp ( $^{\circ}$ C) | 15                | 16         | 17         | 18         | 19         |
| Cloud Cover              | Dense Cloudy      | P-Cloudy   | Clear      | P-cloudy   | Clear      |
| Max RH I (%)             | 90                | 85         | 80         | 90         | 80         |
| Min RH II (%)            | 50                | 45         | 40         | 50         | 40         |
| Wind speed (km/h)        | 006               | 008        | 008        | 010        | 006        |
| Wind direction           | E                 | NW         | NW         | NW         | ESE        |

According to Meteorological observations recorded at Agrometeorological Observatory, AMFU-Pantnagar, G B Pant University of Agriculture & Technology (Altitude: 243.8 m) during last seven days (11 – 17 April, 2019) are as follows:

| Weather Parameter        | Udham Singh Nagar |            |            |            |            |            |            |
|--------------------------|-------------------|------------|------------|------------|------------|------------|------------|
|                          | 11/04/2019        | 12/04/2019 | 13/04/2019 | 14/04/2019 | 15/04/2019 | 16/04/2019 | 17/04/2019 |
| Rainfall (mm)            | 0.0               | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 2.0        |
| Max Temp ( $^{\circ}$ C) | 33.5              | 36.0       | 37.0       | 38.0       | 39.0       | 39.5       | 29.5       |
| Min Temp ( $^{\circ}$ C) | 19.9              | 20.9       | 18.1       | 17.8       | 17.7       | 20.2       | 18.8       |
| CC I                     | 0                 | 4          | 4          | 0          | 0          | 4          | 5          |
| CC II                    | 4                 | 4          | 0          | 0          | 0          | 2          | 0          |
| Max RH I (%)             | 74                | 65         | 80         | 75         | 71         | 55         | 87         |
| Min RH II (%)            | 44                | 38         | 33         | 19         | 19         | 45         | 54         |
| Wind speed (km/h)        | 5.4               | 4.1        | 3.7        | 5.3        | 9.6        | 4.8        | 6.5        |
| Wind direction I         | ESE               | ESE        | Calm       | Calm       | ESE        | WNW        | Calm       |
| Wind Direction II        | ESE               | WSW        | WNW        | WNW        | WSW        | NW         | ESE        |

**Agro advisory based on advices received from the experts of Agromet Advisory committee**

| <b>Crop</b>            | <b>Stage</b> | <b>Agromet Advisory</b>  |
|------------------------|--------------|--|
| Wheat                  | Harvesting   | Keeping in view the rainfall condition, harvesting of wheat and barley should be done accordingly. After harvesting, keep it in the sun for 3-4 days and afterward threshing should be done with thresher.<br>If harvesting should be done with combine then moisture in the grains should not be exceeded by 20%.   |
| Pulse crops            | Harvesting   | Harvesting of pulse crops like pea, lentil and gram should be done in the morning, immediate after maturity. Grains should be dried well before storage.   |
| Sugarcane              | –            | For late sowing of sugarcane crop after harvesting of wheat, should be completed in this month. Upper 1/3rd to 1/2nd part of sugarcane should be used as seed for sowing. Seeds should be kept in water for 24 hr before seed treatment because it increases the germination. For seed treatment, solution of 1gram Carbendazim 50% in 1 liter of water should be used.<br>Late sowing varieties of sugarcane like CoS88230, CoS95255, CoS595222, CoS97264, Co Pant84212 etc should be used. |
| Pea                    | Harvesting   | Harvesting of matured pea should be done and dried them in the field for 1-2 days.   |
| Turmeric, ginger, arbi | Sowing       | Sowing of turmeric, ginger and arbi should be done.  |
| Mango                  | –            | Basin should be prepared and 2-3 irrigation should be given at an interval of 10-15 days.<br>Bloomsbury which is infected from gumma disease should be separated.<br>When mango fruit is equal to pea grain then irrigation should be started.<br>To stop the fruit from falling, 20 PPM, NAA (0.02g/lit) should be sprayed.   |
| Animal Husbandry       | –            | Due attention should be given to arrangements for provision of water to animals. The drinking troughs should be kept clean and animals should be provided water at least four times during the day.<br>To save the buffalo calf from patera disease, 10-15Cc Neem oil should be given to the calf immediately after 10 days of his birth. Again after 10 days, 10-15 CC Neem oil should be given.  |



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