

# ग्रामोभ्युदयादेव देशोभ्युदयः

Govind Ballabh Pant University of Agriculture and Technology

Department of Agrometeorology

College of Agriculture

Pantnagar-263145, Uttarakhand

Phone No. 05944 - 233 032



## 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 |             |            |            |            |
|----------------------------|-------------------|-------------|------------|------------|------------|
|                            | 27/02/2019        | 28/02/2019  | 01/03/2019 | 02/03/2019 | 03/03/2019 |
| Rainfall (mm)              | 5                 | 15          | 0          | 0          | 0          |
| Max Temp ( <sup>0</sup> C) | 25                | 21          | 22         | 24         | 25         |
| Min Temp ( <sup>0</sup> C) | 12                | 12          | 9          | 10         | 11         |
| Cloud Cover                | Cloudy            | Dense Cloud | P-Cloudy   | P-Cloudy   | Cloudy     |
| Max RH I (%)               | 95                | 95          | 85         | 85         | 85         |
| Min RH II (%)              | 50                | 55          | 45         | 45         | 45         |
| Wind speed (km/h)          | 008               | 010         | 006        | 006        | 006        |
| Wind direction             | ESE               | ESE         | NW         | NW         | NW         |

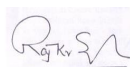
Light rain may likely to occur on 27<sup>th</sup> & 28<sup>th</sup> February with cloudy to dense cloudy sky.

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 (19-25 Feb,2019) are as follows:

| Weather Parameter          | Udham Singh Nagar |            |            |            |            |            |            |
|----------------------------|-------------------|------------|------------|------------|------------|------------|------------|
|                            | 19/02/2019        | 20/02/2019 | 21/02/2019 | 22/02/2019 | 13/02/2019 | 24/02/2019 | 25/02/2019 |
| Rainfall (mm)              | 3.2               | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        | 0.0        |
| Max Temp ( <sup>0</sup> C) | 24.2              | 23.5       | 21.5       | 27.2       | 27.0       | 24.0       | 23.0       |
| Min Temp ( <sup>0</sup> C) | 11.9              | 10.9       | 13.5       | 14.9       | 10.5       | 9.9        | 8.0        |
| CC I                       | 4                 | 8          | 8          | 6          | 6          | 6          | 6          |
| CC II                      | 6                 | 8          | 6          | 4          | 0          | 8          | 4          |
| Max RH I (%)               | 93                | 98         | 80         | 89         | 93         | 95         | 95         |
| Min RH II (%)              | 59                | 73         | 66         | 64         | 65         | 63         | 56         |
| Wind speed (km/h)          | 2.9               | 2.9        | 0.7        | 1.2        | 4.3        | 5.0        | 2.3        |
| Wind direction I           | E                 | Calm       | Calm       | ENE        | WNW        | SSW        | Calm       |
| Wind Direction II          | ESE               | WNW        | SSW        | WNW        | WSW        | WNW        | WSW        |

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

| <b>Crop</b>      | <b>Stage</b>                    | <b>Agromet Advisory</b>   |
|------------------|---------------------------------|---|
| Wheat, Barley    | Spike development               | Keeping in view the rainfall condition in coming days, farmers are advised to stop irrigation for next few days in all the crops.   |
| Rai, Mustard     | Ripening                        | Irrigation should be arranged as per requirement in rai and mustard crop and preparation for harvesting should be done.   |
| Sugarcane        | Early-Harvesting<br>Late-Sowing | Harvesting of early sown sugarcane crop should be done. Sowing of spring season sugarcane crop should be completed up to 15 <sup>th</sup> March. Upper 2/3 part of sugarcane should be used for sugarcane seed. 40-50 thousand pieces of three eyed sugarcane should be used. Line should be prepared at a distance of 75cm in East-West direction for sowing sugarcane crop. |
| Sunflower        | Sowing                          | Sunflower varieties like Mordan, Surya should be sown.  |
| Onion, Garlic    | Vegetative Growth               | If the upper part of leaves of onion and garlic are turning yellow, solution of propiconazole or tebuconazole @ 1 ml/lit of water should be sprayed.  |
| Horticulture     | —                               | Cleanliness of orchard should be done in the February month & straw used to save the crop from frost should be removed in the last week of this month.  |
| Mango            | Flowering                       | Irrigation should not be given at the time of flowering in mango.   |
| Animal Husbandry | —                               | To save the buffalo calf from Toxocara vitulorum (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. Chenopodium album oil can also be given as a fodder to animals to save the calf/animals from patera disease.  |
| Poultry          | —                               | Maintain the temperature of dwelling place of poultry birds. To save the poultry bird from cold, thickness of bedding material should be increases so that they can get sufficient heat to maintain their temperature.  |



**Dr. R K Singh**  
**Professor & Principal Nodal Officer-GKMS**  
**AMFU- Pantnagar**