

ग्रामोभ्युदयादेव देशोभ्युदयः

Govind Ballabh Pant University of Agriculture and Technology

Department of Agrometeorology

College of Agriculture

Pantnagar-263145, Uttarakhand

Phone No. 05944 - 233 032



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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 Nainital district are as follows:

Parameter	Nainital				
	19/09/2018	20/09/2018	21/09/2018	22/09/2018	23/09/2018
Rainfall (mm)	1	1	0	5	15
Max Temp ($^{\circ}$ C)	22	22	23	22	21
Min Temp ($^{\circ}$ C)	12	11	12	13	12
Cloud Cover	P-Cloudy	P-Cloudy	P-Cloudy	Cloudy	Cloudy
Max RH I (%)	80	80	75	85	90
Min RH II (%)	40	40	35	40	45
Wind speed (km/h)	006	006	004	006	006
Wind direction	NW	NW	ESE	SE	ESE

Very light rain from 19th to 22nd September & light rain on 23rd September with P-cloudy to cloudy sky may likely to occur.

According to the observations recorded at India Meteorological Department Observatory located at Nainital (Altitude: 2084 m) during last seven days (11 – 17 Sept, 2018), it is observed that state of sky were cloudy to dense cloudy. Maximum and minimum temperature varied between 20.0 $^{\circ}$ C to 22.6 $^{\circ}$ C and 12.2 $^{\circ}$ C to 15.3 $^{\circ}$ C respectively.

Weather Based Agro-Advisories

Crop Management:

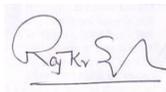
- To control the brown leaf spot in paddy crop, solution of mancozeb @ 2.5 g/lit of water should be sprayed.
- In paddy crop, weed management and proper storage of water should be done.
- To control the leaf blight disease in maize crop, mancozeb @ 2.5g/lit of water should be sprayed.
- Remaining dose of nitrogen should be given as a top dressing twice at the time of panicle initiation after 20 days of transplanting and starting stage of ear formation i.e. 40-50 days of transplanting. Proper moisture should be available in the field at the time of top dressing and rain drops are not there in the leaves.
- Arrangement of proper drainage should be done in pulses and sugarcane crops.

Horticultural Management:

- In mid and high hills, basin should be used in pea, radish, cabbage, cauliflower crops to conserve the moisture after hoeing.
- In valley, cabbage and cauliflower snowball should be transplanted in irrigated condition for domestic consumption.
- To control the root and stem joint rot disease in tomato and chilly, irrigate the roots of the crops with the solution of trichoderma @ 10 g/lit or carbendazim @1 g/lit of water.
- If growth of white fungus is observed and there is the rotting of pods in French bean, solution of carbendazim @ 1g/lit of water should be sprayed.
- In temperate fruits, 1 % Caustic soda should be sprayed to remove the lichen from stem and branches of the trees.
- Evergreen fruit plants like Mango, guava, Lemon, papaya, Litchi etc should be planted in this month.
- Weeding and hoeing operation may be taken up in the Orchard.

Animal Husbandry:

- In this month, rate of animal's delivery especially in buffalos increases. The Pregnant animals should be separated from other animals if possible and complete diet in little quantity at many times in a day should be given to them otherwise they can be affected by afra (fatty liver).
- To save the sheep and goats from infectious diseases, give vaccination of Interotoxemia and PPR.
- Green fodder should be given in less quantity to the animals. It is advised that green fodder can be given to the animals by mixing it in dry fodder.
- Drinking water should be clean because there is a possibility of occurrence of viruses due to parasite and fungus.
- Animal shed should be dried, for this, lime should be sprayed time to time in their places.
- Deworming doses should be given to the poultry birds on the recommendation of veterinarian because worms in the poultry birds lessen the production capacity of eggs.
- After animal's delivery, Gynotone or Utrotone medicine @ 200ml should be given in morning and evening hours for three days to clean the womb.



Dr. R K Singh

**Professor & Principal Nodal Officer-GKMS
AMFU- Pantnagar**