

ग्रामोभ्युदयादेव देशोभ्युदयः

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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				
	04/07/2018	05/07/2018	06/07/2018	07/07/2018	08/07/2018
Rainfall (mm)	35	10	5	2	10
Max Temp ($^{\circ}$ C)	20	22	23	24	25
Min Temp ($^{\circ}$ C)	14	13	13	13	15
Cloud Cover	Dense Cloudy	Dense Cloudy	Cloudy	Cloudy	Dense Cloudy
Max RH I (%)	95	85	80	80	90
Min RH II (%)	55	50	45	40	50
Wind speed (km/h)	002	004	004	004	006
Wind direction	SSW	SW	E	SW	SSE

Moderate rain on 4th July and light rain from 5th to 8th July with cloudy to dense 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 (26 June - 2 July, 2018), it is observed that state of sky were p-cloudy to dense cloudy. Maximum and minimum temperature varied between 21.8 $^{\circ}$ C to 23.8 $^{\circ}$ C and 14.5 $^{\circ}$ C to 16.3 $^{\circ}$ C respectively.

Weather Based Agro-Advisories

Crop Management:

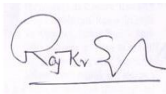
- Seedlings of paddy should be transplanted when it is of 21 days or above.
- Weed should be removed from the field before transplanting of paddy.
- Preparation of main field should be done at the time of transplanting paddy. At the time of last ploughing and before puddling, 75 kg Nitrogen, 60 kg Phosphorous and 40 kg Potash along with 25 kg zinc sulphate per ha should be used.
- Only 2-3 seedlings should be transplanted at one place.
- Line to line and plant to plant distance for transplanting paddy should be 20-25 cm and 10cm respectively.
- To control the weed, 200-250 ml bispyribac-sodium 10 EC (nominee gold) or 200 ml allmix should be used after 20-25 days of transplanting.
- Transplanting of nursery, sown earlier, should be done till 15th July.

Horticultural Management:

- If the upper stipe of chilly crop is drying after turning black, then infected branches should be removed by plucking to save the crop and to save the crop from rotting solution of 0.1% Carbendazim should be sprayed.
- On the occurrence of spot on the leaves of tomato and scorching of leaves, solution of mancozeb @ 2.5 g/lit of water should be sprayed.
- On the rotting of capsicum, solution of mancozeb @ 2.5 g/lit of water should be sprayed.
- 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 hilly regions, if moisture in the soil is more than sufficient, then sowing of radish, rai, coriander, turnip and spinach (Pusa Harit) may be done.
- In hilly regions, tomato, Brinjal and Capsicum crop, proper drainage should be maintained in the field during monsoon season and fruit picking should be done timely.
- In plain regions, to prepare the field for nursery of tomato, it is recommended that mixing of Trichoderma @ 1 Kg/Quintal of Compost/vermicompost should be done.
- In plain regions, vegetable seeds should be sown after treating it with Thirum + Carbendazim (2:1) @ 3g/Kg seed rate.
- In place of chemical, biocontrol may be taken for the treatment of seed @10g/ Kg seed rate.
- For grafting of temperate fruits, T-budding or chip budding process should be started.
- In mid hills, plucking the early varieties of apple should be started and send them to the market.
- To control the gummosis disease in fruit bearing fruit trees, Streptocycline 0.01% or copper oxichloride 0.025% should be sprayed at 15 days interval.
- In mid hilly regions, to save the late maturing fruit varieties of apple from falling, plenofix @ 10ppm should be sprayed.
- In high hilly regions, to control the scab disease on the falling of pankhuri of flower in apple crop, Carbendazim 0.05 % should be used.

Animal Husbandry:

- To save the animals from infected disease, vaccination should be done before onset of monsoon on the recommendation of veterinarian.
- July month is highly favourable for cattles' delivery. So, it is recommended that their dwelling place should be clean and hygienic.
- Just after delivery, tie the navel of new born baby of cattle by cutting it with sharp and clean knife, then apply Gentian violet paint or tincture iodine.
- Don't leave the animal in the monsoonal rain because this may lead the irritation in the skin of animals.
- Make the necessary arrangements to save the animals during adverse weather.
- Give Vaccination to save the animals from infectious diseases before onset of monsoon.
- Give deworming to the animals on the recommendation of veterinarian.
- Don't give the high dose of green fodder to the horses because high dose of this increase the chances occurrence of Celiac disease.



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