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Agromet advisory Bulletin
(Govt. of India)

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Date: 26-03-2024

Past Weather: During last week the weather remained dry. Maximum and minimum temperatures ranged between 25.0-25.4°C and 6.5-7.3 °C and wind speed ranged from 3.0-4.0 kmph in south-west direction.

Weather Forecast for next 5 days (0830 hrs 27th to 31st March)

Date	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH morning (%)	RH evening (%)	Wind Speed (kmph)	Wind Direction (°)	Cloud Cover (Okta)
27-03-2024	0	25	12	43	31	9	56	2
28-03-2024	0	26	12	43	26	12	56	2
29-03-2024	1	22	10	64	55	9	68	5
30-03-2024	2	22	10	67	61	10	68	6
31-03-2024	3	22	10	77	68	10	68	7

In the next five days, the weather will remain variable. Rain/thundering and lightening is expected at isolated places. Maximum and minimum temperatures will range between 22.0-26.0°C and 10.0-12.0°C, respectively. The wind speed will range between 9.0-12.0 kmph in the north-east direction. Relative humidity will fluctuate between 32-70 percent.

	27 th	28 th	29 th	30 th	31 st
District and Blocks					
Shimla	Rainfall at isolated places.	Rain,Thunderstrom, lightening and hailstorm at isolated places	Rain,Thunderstrom, lightening and hailstorm at isolated places	Rain,Thunderstrom, lightening and hailstorm at isolated places	Rainfall at isolated places.
Solan	Rainfall at isolated places.	Rain,Thunderstrom, lightening and hailstorm at isolated places	Rain,Thunderstrom, lightening and hailstorm at isolated places	Rain,Thunderstrom, lightening and hailstorm at isolated places	Rainfall at isolated places.
Dharampur	Rainfall at isolated places.	Rain,Thunderstrom, lightening and hailstorm at isolated places	Rain,Thunderstrom, lightening and hailstorm at isolated places	Rain,Thunderstrom, lightening and hailstorm at isolated places	Rainfall at isolated places.
Kandaghat	Rainfall at isolated places.	Rain,Thunderstrom, lightening and hailstorm at isolated places	Rain,Thunderstrom, lightening and hailstorm at isolated places	Rain,Thunderstrom, lightening and hailstorm at isolated places	Rainfall at isolated places.
Kunihar	Rainfall at isolated places.	Rain,Thunderstrom, lightening and hailstorm at isolated places	Rain,Thunderstrom, lightening and hailstorm at isolated places	Rain,Thunderstrom, lightening and hailstorm at isolated places	Rainfall at isolated places.
Nalagarh	Rainfall at isolated places.	Rain,Thunderstrom, lightening and hailstorm at isolated places	Rain,Thunderstrom, lightening and hailstorm at isolated places	Rain,Thunderstrom, lightening and hailstorm at isolated places	Rainfall at isolated places.
Solan	Rainfall at isolated places.	Rain,Thunderstrom, lightening and hailstorm at isolated places	Rain,Thunderstrom, lightening and hailstorm at isolated places	Rain,Thunderstrom, lightening and hailstorm at isolated places	Rainfall at isolated places.
Weather Warning					
	Nil	Rain,Thunderstrom, lightening and hailstorm at isolated places	Rain,Thunderstrom, lightening and hailstorm at isolated places	Rain,Thunderstrom, lightening and hailstorm at isolated places	Nil

General Advisory:-

- ❖ Postpone irrigation as well as application of plant protection measures for next 5 days.
- ❖ Regularly monitor crop for emergence of new pests under prevailing abrupt rise in temperature.
- ❖ Save soil moisture through mulching in crops.
- ❖ Follow crop base agro advisory regularly.
- ❖ Use **MEGHDOOT** app for acquiring information regarding agromet advisory in the local language.

SMS Advisory:-

- ❖ Farmers are advised use anti hail nets over the fruit trees as hailstorm event expected in the next five days.

Main Crops	Crop Stage	Agromet Advisory
Vegetables/fruits		
Stone Fruit	Flowering in stone fruit	<ul style="list-style-type: none"> ❖ Flowering stage keep 4 boxes of bee colony/ acres. ❖ Mulching of fruit tree basins is urgently required to reduce loss of water. ❖ Keep basins weed free. ❖ Abrupt rise in temperature may result in uneven flowering at early stage and hence to ensure proper pollination.
Capsicum, Okra, Beans, Cucumber	Nursery raising/sowing	<ul style="list-style-type: none"> ❖ Suitable time for sowing of summer vegetables. ❖ Soak seed overnight in water before sowing for better germination.
Potato	Vegetative & Fruiting	<ul style="list-style-type: none"> ❖ Infection of blight may occur in potato and tomato. Constant monitoring is advised. If symptoms appears than spray of Carbandizam @ 1.0 gm / litre of water or Dithane-M-45 @ 2.0 gm / litre of water is recommended when weather is clear. ❖ Do weeding in potato.
Mango	Flowering Stage	<ul style="list-style-type: none"> ❖ The fruit trees should be monitored continuously to prevent the attack of mealy bug and mango hopper. ❖ Apply sticky grease band on mango stem/trunk to control upward movement of mango mealy bug.
Mushroom Growing	Mushroom Growing	<ul style="list-style-type: none"> ❖ Mushroom Growing Fungal and bacterial disease Maintain room temperature 18-22oC and relative humidity around 85% for successful cultivation. Fungal Disease: Bavistin @.05%
Apiculture		<ul style="list-style-type: none"> ❖ Artificial feed of 50% sugar and 50% water solution should be given to honey bees. Insert the brood chamber without frame for ensuring aeration. Check the colonies for nectar and Give artificial food to honey bees
Wheat (Low hills)	Dough and milking Stage	<ul style="list-style-type: none"> ❖ Apply light irrigation in the crops for proper grain size formations. ❖ If disease is noticed in the field, apply Tilt 25 EC (Tilt) or Markzole 25 EC (Propiconazole) @ 200 ml in 200 L of water per acre when weather is clear.
Livestock		<ul style="list-style-type: none"> ❖ Provide hay with green grasses to the milch animals in order to maintain milk production and also to prevent from bloat (Aafara). ❖ Maintain proper hygiene in animals sheds.

Dr SK Bhardwaj
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