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Agromet advisory Bulletin

(Govt. of India)

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Year : 31

Bulletin: 46

Period: 18th to 22nd June

Date: 17-06-2025

Past Weather: During last week weather remained dry. Maximum and minimum temperatures ranged between 28.0-31.0°C and 15.4-18.2°C and wind speed ranged from 2.7-3.1 kmph.

Weather Forecast for next 5 days (0830 hrs 18th to 22nd June, 2025)

Date	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH morning (%)	RH evening (%)	Wind Speed (kmph)	Wind Direction (°)	Cloud Cover (Okta)
18-06-25	6	27	20	90	70	2.3	72	6
19-06-25	2	30	20	88	68	1.1	72	5
20-06-25	0	31	20	82	62	1.5	135	2
21-06-25	8	28	19	86	66	3.9	112	7
22-06-25	15	28	18	91	71	3.1	135	8

In the next five days, the weather will remain variable. Light rainfall is expected on 17th and 18th June, 2025 at isolated places and moderate rainfall on 21st and 22nd of the district. Maximum & minimum temperatures will range between 27.0-31.0°C and 18.0-20.0°C, respectively. Wind speed will range between 1.1-3.9 kmph in the south-east direction. Relative humidity will fluctuate between 62-91 percent.

Districts	17 th	18 th	19 th	20 th	21 st
Shimla	Light rainfall at isolated places	Light rainfall at isolated places	Light rainfall at isolated places	Moderate to heavy rainfall at many places	Moderate to heavy rainfall at many places
Solan	Light rainfall at isolated places	Light rainfall at isolated places	Clear and dry weather	Moderate to heavy rainfall at many places	Moderate to heavy rainfall at many places
Bilaspur	Light rainfall at isolated places	Light rainfall at isolated places	Clear and dry weather	Moderate to heavy rainfall at many places	Moderate to heavy rainfall at many places
Sirmour	Light rainfall at isolated places	Light rainfall at isolated places	Light rainfall at isolated places	Moderate to heavy rainfall at many places	Moderate to heavy rainfall at many places
Weather Warning					
	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	NIL	Thunderstorms & Lightning, Squall etc; Strong Surface Winds	Thunderstorm with lightning likely at isolated places	Heavy rain, Thunderstorm with lightning likely at isolated places

Weather Warnings (Valid Till 08:30 IST of the next day):-

- ❖ There is the possibility of thunderstorms accompanied by lightning, and gusty winds from 18th to 21st June, 2025 at isolated places in the district. Heavy rainfall is expected on 20th and 21st June, 2025 at isolated places in the district.

Likely impacts of weather warnings on Agriculture and associated Agromet advisories:-

- ❖ Strong surface winds may results in scarring and premature fruit drop in apple orchards. Surface cracks on fruits may also promote the fungal incidence. Therefore, fallen fruits must be picked and buried in the pits at atleast 45 cm below the soil. Farmers are also advised to **avoid the visit in open fields. Stay away from tall trees or other object. Make proper drainage channels in their fields.**

General Advisory:-

- ❖ Take precautions against thundering and lightning farmers are advised to **avoid the visit in open fields. Stay away from tall trees or other objects.**
- ❖ Farmers are advised to withhold the application of irrigation in all the crops.
- ❖ Make proper arrangement to collect, store the rain water.
- ❖ Make proper drainage channels in their fields to avoid water stagnation
- ❖ Do not tie the animals outdoor during thunderstorm and lightening.

SMS Advisory:-

- ❖ Use **MEGHDOOT** app for acquiring information regarding agromet advisory in the local language.

Main Crops	Crop Stage	Crop Advisory
Vegetables/fruits		
Stone fruits (Plum)	Fruit maturity/Harvesting	<ul style="list-style-type: none"> ❖ If fruits are near to full maturity farmers are advised to harvest to minimize losses. ❖ Fallen fruits must be picked and buried in the pits at atleast 45 cm below the soil.
Apple	Fruit development stage	<ul style="list-style-type: none"> ❖ Farmers should monitor apple crops for scab and alternaria leaf spot infection. ❖ If leaf spots are observed, farmers are advised to spray alternatively the formulation of Hexaconazole 4% + Zineb 68% WP @ 500gm/200L of water or Carbendazim 25% + Flusilazole 12.5% SC @ 160 ml/200 L of water at 10-12 days interval in the infected orchards during clear weather conditions. ❖ To control the attack of Scab spray Propineb @ 600 gm in 200 L of water at the Fruit Development Stage.
Mango	Fruit development stage	<ul style="list-style-type: none"> ❖ In Mango orchards if there is incidence of Mango Hopper, spray Imidacloprid @ 50 ml/200 liter water for its management during clear weather condition.
Pomegranate	Fruit development stage	<ul style="list-style-type: none"> ❖ Farmers are advised to monitor the attack of the Anar butterfly on the Fruit crop.
Cucumber	Vegetative/Flowering	<ul style="list-style-type: none"> ❖ Farmers are advised to provide support to the vines and make proper drainage channels in the fields.
Maize	Vegetative	<ul style="list-style-type: none"> ❖ Make proper drainage channels to avoid waterlogging condition in the fields.
Tomato, Capsicum & Brinjal	Flowering/Fruit formation	<ul style="list-style-type: none"> ❖ Farmers are advised to provide timely support to tomato plants through staking or other suitable methods during the early growth stage to prevent lodging, enhance air circulation, and improve both fruit yield and quality. ❖ Farmers are advised to remove lower leaves up to 10–15 cm from ground level to reduce the risk of soil-borne diseases. ❖ Farmers are advised to make proper drainage channels in the field.
Natural farming	-	<ul style="list-style-type: none"> ❖ Farmers doing natural farming can control insect-pest attack by spraying Agniastara, Brahmastra and Neemastra and dashparni ark at weekly interval @3.0 per cent and Jeevaamrit @ 10.0 percent at regular interval during the clear weather condition.

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