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Agromet advisory Bulletin
(Govt. of India)

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Bulletin: 3

Period: 11th to 15th Jan

Date: 10-01-2025

Past Weather: During last week weather remained dry. Maximum and minimum temperatures ranged between 20.2-20.6°C and 0.2-1.3°C and wind speed ranged from 3.2-3.6 kmph.

Weather Forecast for next 5 days (0830 hrs 11th to 15th Jan, 2025)

Date	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH morning (%)	RH evening (%)	Wind Speed (kmph)	Wind Direction (°)	Cloud Cover (Okta)
11-01-25	0	21	3	64	54	6.2	69	2
12-01-25	1	20	2	68	55	7	69	2
13-01-25	1	19	2	68	56	8.9	63	2
14-01-25	0	20	3	62	52	8.2	62	2
15-01-25	0	20	3	81	70	8.1	63	6

In the next five days, the weather will remain variable. Light rainfall is expected on 11th and 12th January, 2025 at isolated places. Maximum & minimum temperatures will range between 19.0-21.0°C and 2.0-3.0°C, respectively. Wind speed will range between 6.2-8.9 kmph in the north-east direction. Relative humidity will fluctuate between 52-81 percent.

District and Blocks	10 th	11 th	12 th	13 th	14 th
Shimla	Clear and dry weather	Light rainfall at isolated places	Light rainfall at isolated places	Clear and dry weather	Clear and dry weather
Solan	Clear and dry weather	Light rainfall at isolated places	Light rainfall at isolated places	Clear and dry weather	Clear and dry weather
Bilaspur	Cold wave, Ground frost and Dense fog at isolated places	Light rainfall at isolated places	Light rainfall at isolated places	Dense fog at isolated places	Dense fog at isolated places
Sirmaur	Clear and dry weather	Light rainfall at isolated places	Light rainfall at isolated places	Clear and dry weather	Clear and dry weather
Dharampur	Clear and dry weather	Light rainfall at isolated places	Light rainfall at isolated places	Clear and dry weather	Clear and dry weather
Kandaghat	Clear and dry weather	Light rainfall at isolated places	Light rainfall at isolated places	Clear and dry weather	Clear and dry weather
Kunihar	Clear and dry weather	Light rainfall at isolated places	Light rainfall at isolated places	Clear and dry weather	Clear and dry weather
Nalagarh	Clear and dry weather	Light rainfall at isolated places	Light rainfall at isolated places	Dense fog at isolated places(Nalagarh Baddi and adjoining areas)	Dense fog at isolated places(Nalagarh Baddi and adjoining areas)
Solan	Clear and dry weather	Light rainfall at isolated places	Light rainfall at isolated places	Clear and dry weather	Clear and dry weather
Weather Warning					
	NIL	Thunderstorm with lightning at isolated places	NIL	NIL	NIL

General Advisory:-

- ❖ Farmers are advised to give irrigation at regular interval to maintain moisture in the soil. Light rainfall is expected on 11th and 12th January, 2025.
- ❖ To protect vegetable and fruit crops from frost spread sarkanda grass or dry leaves in their fields.
- ❖ Farmers are advised to regularly monitor the vegetable crops against the attack of insect and pest in the field.

SMS Advisory:-

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

Main Crops	Crop Stage	Crop Advisory
Vegetables/fruits		
Apple/Stone fruits	-	<ul style="list-style-type: none"> ❖ Farmers are also advised to prepare basins and add recommended dose of FYM in well prepared basin. ❖ Farmers are advised to apply Bordeaux paste @ 3 gm/L on the cut ends of broken or pruned branches to avoid fungal infection. Postpone the pruning activity on 11th to 12th January, 2025. ❖ Monitor the infestation of wooly apple aphid. If persist on branches farmers can spray chloropyriphos @ 2 ml/L. Drenching of root basin with Chloropyriphos @ 4ml/L.
Apple (Nursery plants)	Planting	<ul style="list-style-type: none"> ❖ Cover the young plants with jute bags, or plastic sheets in the evening and remove them during day under clear sky conditions.
Pea	50% flowering	<ul style="list-style-type: none"> ❖ Farmers are advised to do staking of plants. ❖ The crop requires well-drained, slightly moist soil, provide adequate irrigation. Farmers are also advised to give irrigation at evening time to protect the crop from frost.
Garlic	5-leave stage/vegetative	<ul style="list-style-type: none"> ❖ Weeding and hoeing is recommended.
Cauliflower	Vegetative/Heading	<ul style="list-style-type: none"> ❖ Farmers are advised to monitor the aphid population and spray of neem-based formulation @ 2 ml/L.
Wheat	Tillering	<ul style="list-style-type: none"> ❖ Do weeding in the field. ❖ Regular monitor the wheat crop against pink stem borer attack. ❖ Apply light irrigation at regular interval.
Natural farming	-	<ul style="list-style-type: none"> ❖ Farmers doing natural farming can control insect-pest attack by spraying Agniashtra, 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. ❖ Farmers are advised to spread grass mulch between 5 to 10 cm to protect the crop from frost.
Livestock		<ul style="list-style-type: none"> ❖ Farmers are advised to protect young ones from the cold by covering them with gunny bags during the night and give some sunlight during day time. ❖ To control the <i>aphara</i> disease in animals gives them a mixture of dry and green grass.

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