



## GRAMIN KRISHI MAUSAM SEVA

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**Agromet advisory Bulletin**  
**(Govt. of India)**

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**Year : 29**

**Bulletin: 31**

**Period: 20<sup>th</sup> to 24<sup>th</sup> April**

**Date: 19-04-2024**

**Past Weather:** During last week weather remained dry. Maximum and minimum temperatures ranged between 24.2-29.5°C and 10.8-12.0°C and wind speed ranged from 2.0-4.4 kmph in north-east direction.

### Weather Forecast for next 5 days (0830 hrs 20<sup>th</sup> to 24<sup>th</sup> April 2024)

Date	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH morning (%)	RH evening (%)	Wind Speed (kmph)	Wind Direction (°)	Cloud Cover (Okta)
20-04-24	2	27	14	89	60	9	45	4
21-04-24	0	27	14	80	30	8	65	0
22-04-24	0	26	14	78	31	9	77	0
23-04-24	1	26	14	88	59	9	43	4
24-04-24	0	27	15	79	29	10	9	0

In the next five days, the weather will remain variable. Maximum & minimum temperatures will range between 26.0-27.0°C and 14.0-15.0°C, respectively. Wind speed will range between 9.0-10.0 kmph in the north-east direction. Relative humidity will fluctuate between 29-89 percent.

District and Blocks	19 <sup>th</sup>	20 <sup>th</sup>	21 <sup>st</sup>	22 <sup>nd</sup>	23 <sup>rd</sup>
Shimla	Light rainfall at isolated places	Dry and clear weather	Dry and clear weather	Light rainfall at isolated places	Dry and clear weather
Solan	Light rainfall at isolated places	Dry and clear weather	Dry and clear weather	Light rainfall at isolated places	Dry and clear weather
Bilaspur	Light rainfall at isolated places	Dry and clear weather	Dry and clear weather	Dry and clear weather	Dry and clear weather
Sirmaur	Light rainfall at isolated places	Dry and clear weather	Dry and clear weather	Light rainfall at isolated places	Dry and clear weather
Dharampur	Light rainfall at isolated places	Dry and clear weather	Dry and clear weather	Light rainfall at isolated places	Dry and clear weather
Kandaghat	Light rainfall at isolated places	Dry and clear weather	Dry and clear weather	Light rainfall at isolated places	Dry and clear weather
Kunihar	Light rainfall at isolated places	Dry and clear weather	Dry and clear weather	Light rainfall at isolated places	Dry and clear weather
Nalagarh	Light rainfall at isolated places	Dry and clear weather	Dry and clear weather	Light rainfall at isolated places	Dry and clear weather
Solan	Light rainfall at isolated places	Dry and clear weather	Dry and clear weather	Light rainfall at isolated places	Dry and clear weather

#### Weather Warning

Thunderstorm and lightning at isolated places	NIL	NIL	NIL	NIL
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### General Advisory:-

- ❖ Regularly monitor crop for emergence of new pests under prevailing weather condition.
- ❖ Direct sowing of summer vegetables.
- ❖ Follow crop base agro advisory regularly.
- ❖ Farmers should do weeding and hoeing in the standing crops.
- ❖ Take precautions against thundering and lightning farmers are advised to **avoid the visit in open fields. Stay away from tall trees or other objects.**
- ❖ After harvesting of the *rabi* crop, do deep ploughing of the fields.
- ❖ Apply plant protection measures during clear weather.
- ❖ Use **MEGHDOOT** app for acquiring information regarding agromet advisory in the local language.

### SMS Advisory:-

- ❖ The farmers are advised to check their soil status through soil testing before sowing the next crop.

<b>Main Crops</b>	<b>Crop Stage</b>	<b>Crop Advisory</b>
<b>Vegetables/fruits</b>		
<b>Mango</b>	<b>Flowering/ fruit setting Stage</b>	<ul style="list-style-type: none"> <li>❖ Spread straw mulch around 10 cm of thickness in plant basin to conserve soil moisture.</li> <li>❖ The fruit trees should be monitored continuously to prevent the attack of mealy bug and mango hopper. The insects usually suck the sap from the inflorescence and leaves.</li> <li>❖ Apply sticky grease band on mango plants to control upward movement of mango mealy bug.</li> </ul>
<b>Apple</b>	<b>Flowering</b>	<ul style="list-style-type: none"> <li>❖ Apple crop is in the flowering stage, it is advisable to keep 2-3 bee colonies per 5 bigha in orchards to improve pollination.</li> </ul>
<b>Tomato</b>	<b>Transplanting</b>	<ul style="list-style-type: none"> <li>❖ Give irrigation as per requirement of crop.</li> <li>❖ Farmers are advised to transplant seedlings of tomato in the fields.</li> </ul>
<b>Beans/ cucumber/Okra</b>	<b>Sowing</b>	<ul style="list-style-type: none"> <li>❖ Farmers are advised to go for sowing of summer vegetables in well prepared fields with FYM. Soak seed overnight in water before sowing for better germination.</li> </ul>
<b>Garlic</b>	<b>Ready to harvest</b>	<ul style="list-style-type: none"> <li>❖ Irrigation should be stopped before 10-15 days of harvesting.</li> <li>❖ Crop should be harvested after attaining 50% of neck fall. If the crop is at neck fall stage and gets damaged due to rain, then arrangements should be made to drain excess water from the fields.</li> </ul>
<b>Wheat (Low hills)</b>	<b>Physiological maturity</b>	<ul style="list-style-type: none"> <li>❖ Farmers completed the harvesting and threshing of wheat is advised to shift thrashed crop to safer places.</li> <li>❖ Farmers those are left with harvesting of crop can harvest the crop as weather will remain clear and dry after 19<sup>th</sup> April,2024.</li> </ul>
<b>Natural Farming</b>	<b>Seasonal crops</b>	<ul style="list-style-type: none"> <li>❖ Farmers doing natural farming can control insect-pest attack by spraying Agniastra, Brahmastra and Neemastra and dashparni ark at weekly interval @3.0 per cent and Jeevaamrit @ 10.0 percent when weather is clear and sunny.</li> <li>❖ Spray of Khati lassi protect the crop from fungal attack.</li> </ul>
<b>Livestock</b>		<ul style="list-style-type: none"> <li>❖ Provide hay of green forage like maize, jowar and bajra etc. with other green grasses to the milch animals in order to enhance milk production and also to prevent from bloat (aafara).</li> <li>❖ Maintain proper hygiene in sheds.</li> <li>❖ Vaccinate against Foot and Mouth Disease (FMD).</li> </ul>

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