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Agromet advisory Bulletin
(Govt. of India)

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Past Weather: During last week weather remained variable. Light rainfall of 0.6 mm was received on 29th April, 2024. Maximum and minimum temperatures ranged between 21.5-31.5°C and 10.6-13.6°C and wind speed ranged from 2.0-4.4 kmph in north-east direction.

Weather Forecast for next 5 days (0830 hrs 1st to 5th May 2024)

Date	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH morning (%)	RH evening (%)	Wind Speed (kmph)	Wind Direction (°)	Cloud Cover (Okta)
1-05-24	0	29	10	80	25	10	89	0
2-05-24	0	31	14	79	24	10	357	0
3-05-24	0	32	15	82	23	10	357	0
4-05-24	0	32	15	80	27	7	52	0
5-05-24	0	31	16	79	25	11	13	0

In the next five days, the weather will remain dry. Maximum & minimum temperatures will range between 29.0-32.0°C and 10.0-16.0°C, respectively. Wind speed will range between 7.0-11.0 kmph in the north-east direction. Relative humidity will fluctuate between 23-80 percent.

District and Blocks	30 th	1 st	2 nd	3 rd	4 th
Shimla	Light rainfall at isolated places	Dry & clear weather	Dry & clear weather	Dry & clear weather	Light rainfall at isolated places
Solan	Dry & clear weather	Dry & clear weather	Dry & clear weather	Dry & clear weather	Dry & clear weather
Bilaspur	Dry & clear weather	Dry & clear weather	Dry & clear weather	Dry & clear weather	Dry & clear weather
Sirmaur	Light rainfall at isolated places	Dry & clear weather	Dry & clear weather	Dry & clear weather	Light rainfall at isolated places
Dharampur	Dry & clear weather	Dry & clear weather	Dry & clear weather	Dry & clear weather	Dry & clear weather
Kandaghat	Dry & clear weather	Dry & clear weather	Dry & clear weather	Dry & clear weather	Dry & clear weather
Kunihar	Dry & clear weather	Dry & clear weather	Dry & clear weather	Dry & clear weather	Dry & clear weather
Nalagarh	Dry & clear weather	Dry & clear weather	Dry & clear weather	Dry & clear weather	Dry & clear weather
Solan	Dry & clear weather	Dry & clear weather	Dry & clear weather	Dry & clear weather	Dry & clear weather
Weather Warning					
	NIL	NIL	NIL	NIL	Thunderstorm with lightning at isolated pockets of the district.

General Advisory:-

- ❖ Regularly monitor crop for emergence of new pests under prevailing weather condition.
- ❖ Farmers are advised to the direct sowing of summer vegetables as weather will remain dry for next 5 days.
- ❖ Follow crop base agro advisory regularly.
- ❖ Farmers are advised to do weeding and hoeing practices in the fields.
- ❖ 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:-

- ❖ Irrigate the crops regularly as per the requirement of the crop.

Main Crops	Crop Stage	Crop Advisory
Vegetables/fruits		
Apple	Flowering	<ul style="list-style-type: none"> ❖ Apple crop is in the flowering stage, it is advisable to keep 2-3 bee colonies box per 5 bigha in orchards to improve pollination.
Mango	Fruit setting Stage	<ul style="list-style-type: none"> ❖ Apply light irrigation at regular interval. ❖ Keep the basins free of weeds. ❖ Spread straw mulch around 10 cm of thickness in plant basin to conserve soil moisture. ❖ 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. ❖ Apply sticky grease band on mango plants to control upward movement of mango mealy bug.
Tomato	Transplanting	<ul style="list-style-type: none"> ❖ Farmers are advised to do transplanting of tomato seedlings in the fields.
Beans/ cucumber/Okra	Sowing	<ul style="list-style-type: none"> ❖ Farmers are advised to do sowing of summer vegetables in well prepared fields. Soak seed overnight in water before sowing for better germination.
Garlic	Ready to harvest	<ul style="list-style-type: none"> ❖ Irrigation should be stopped before 10-15 days of harvesting. ❖ 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.
Wheat (Low hills)	Harvesting	<ul style="list-style-type: none"> ❖ Farmers completed the harvesting and threshing of wheat is advised to shift thrashed crop to safer places. ❖ Farmers those are left with harvesting of crop can do the harvesting as weather will remain clear and dry.
Natural Farming	Seasonal crops	<ul style="list-style-type: none"> ❖ 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. ❖ Spray of Khati lassi protect the crop from fungal attack.
Livestock		<ul style="list-style-type: none"> ❖ 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). ❖ Maintain proper hygiene in sheds. ❖ Vaccinate against Foot and Mouth Disease (FMD).

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