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Agromet advisory Bulletin
(Govt. of India)

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Period: 27th April to 1st May

Date: 26-04-2024

Past Weather: During last week weather remained dry. Maximum and minimum temperatures ranged between 27.0-29.0°C and 11.0-12.2°C and wind speed ranged from 2.0-4.4 kmph in north-east direction.

Weather Forecast for next 5 days (0830 hrs 27th April to 1st May 2024)

Date	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH morning (%)	RH evening (%)	Wind Speed (kmph)	Wind Direction (°)	Cloud Cover (Okta)
24-04-24	2	30	14	88	62	13	103	4
25-04-24	2	29	13	89	62	10	41	4
26-04-24	0	29	13	80	28	9	64	0
27-04-24	1	28	13	85	60	12	145	4
28-04-24	0	29	14	80	29	8	99	0

In the next five days, the weather will remain variable. Light rainfall is expected from 26th to 29th April, 2024 at many places. Maximum & minimum temperatures will range between 28.0-30.0°C and 13.0-14.0°C, respectively. Wind speed will range between 8.0-13.0 kmph in the north-east direction. Relative humidity will fluctuate between 28-89 percent.

District and Blocks	26 th	27 th	28 th	29 th	30 th
Shimla	Rain at many places	Rain at many places	Rain at many places	Rain at many places	Rain at few places
Solan	Rain at many places	Rain at many places	Rain at many places	Rain at many places	Rain at few places
Bilaspur	Rain at many places	Rain at many places	Rain at many places	Rain at many places	Rain at few places
Sirmaur	Rain at many places	Rain at many places	Rain at many places	Rain at many places	Rain at few places
Dharampur	Rain at many places	Rain at many places	Rain at many places	Rain at many places	Rain at few places
Kandaghat	Rain at many places	Rain at many places	Rain at many places	Rain at many places	Rain at few places
Kunihar	Rain at many places	Rain at many places	Rain at many places	Rain at many places	Rain at few places
Nalagarh	Rain at many places	Rain at many places	Rain at many places	Rain at many places	Rain at few places
Solan	Rain at many places	Rain at many places	Rain at many places	Rain at many places	Rain at few places
Weather Warning					
	Thunderstorm with lightning at isolated pockets of the district.	Thunderstorm with lightning at isolated pockets of the district.	Thunderstorm with lightning at isolated pockets of the district.	Thunderstorm with lightning at isolated pockets of the district.	Thunderstorm with lightning at isolated pockets of the district.

General Advisory:-

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

- ❖ Use anti hail nets in fruit orchards to protect them from hail damage.

Main Crops	Crop Stage	Crop Advisory
Vegetables/fruits		
Apple	Flowering	<ul style="list-style-type: none"> ❖ Use anti hail nets in apple orchards to protect them from damage. ❖ 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.
Tomato	Transplanting	<ul style="list-style-type: none"> ❖ Farmers are advised to reschedule the transplanting of tomato seedlings in the fields as rain is expected from 26th April onwards.
Beans/ cucumber/Okra	Sowing	<ul style="list-style-type: none"> ❖ Farmers are advised to reschedule sowing of summer vegetables in well prepared fields with FYM as rain is expected from 26th April onwards. 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 reschedule the harvesting as rain is expected from 26th April onwards.
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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