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Agromet advisory Bulletin
(Govt. of India)

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Period: 6th to 10th Dec

Date: 05-12-2023

Past Weather: During last week the weather remained dry & clear. Maximum and minimum temperatures ranged between 19.2-22.4°C and 5.0-6.4 °C and wind speed ranged from 2.0-2.5 kmph in south-west direction.

Weather Forecast for next 5 days (0830 hrs 2nd to 06th Dec)

| Date | Rainfall (mm) | Tmax (°C) | Tmin (°C) | RH morning (%) | RH evening (%) | Wind Speed (kmph) | Wind Direction (°) | Cloud Cover (Okta) |
|----------|---------------|-----------|-----------|----------------|----------------|-------------------|--------------------|--------------------|
| 06-12-23 | 0 | 21 | 5 | 85 | 40 | 7 | 62 | 1 |
| 07-12-23 | 0 | 21 | 5 | 80 | 48 | 7 | 59 | 0 |
| 08-12-23 | 0 | 21 | 5 | 86 | 49 | 7 | 57 | 1 |
| 09-12-23 | 0 | 22 | 6 | 84 | 42 | 7 | 42 | 1 |
| 10-12-23 | 0 | 22 | 6 | 84 | 45 | 7 | 39 | 0 |

In the next five days, the weather will remain dry & clear. Maximum and minimum temperatures will range between 21-22°C and 5.0-6.0°C, respectively. The wind speed will range between 6.0-7.0 kmph in the north-east direction. Relative humidity will fluctuate between 40-86 percent.

| | 6 th | 7 th | 8 th | 9 th | 10 th |
|---------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| District and Blocks | | | | | |
| Shimla | Dry and clear weather | Dry and clear weather | Dry and clear weather | Dry and clear weather | Dry and clear weather |
| Solan | Dry and clear weather | Dry and clear weather | Dry and clear weather | Dry and clear weather | Dry and clear weather |
| Dharampur | Dry and clear weather | Dry and clear weather | Dry and clear weather | Dry and clear weather | Dry and clear weather |
| Kandaghat | Dry and clear weather | Dry and clear weather | Dry and clear weather | Dry and clear weather | Dry and clear weather |
| Kunihar | Dry and clear weather | Dry and clear weather | Dry and clear weather | Dry and clear weather | Dry and clear weather |
| Nalagarh | Dry and clear weather | Dry and clear weather | Dry and clear weather | Dry and clear weather | Dry and clear weather |
| Solan | Dry and clear weather | Dry and clear weather | Dry and clear weather | Dry and clear weather | Dry and clear weather |
| Weather Warning | | | | | |
| | NIL | NIL | Nil | Nil | NIL |

General Advisory:-

- ❖ Farmers are advised to give light irrigation to vegetable crops at 10-15 days intervals.
- ❖ Farmers should do weeding and hoeing in the standing crops and vegetables to control weeds and spread of diseases.
- ❖ Farmers are advised to do crop operations in their fields in view of next day's weather forecast.
- ❖ Spraying of pesticides to control the spread of diseases in view of next day's weather forecast.
- ❖ Use **MEGHDOOT** app for acquiring information regarding agromet advisory in the local language.

SMS Advisory:-

- ❖ Farmers are advised to give light irrigation to vegetable crops at 10-15 days intervals.

| | | |
|---|-----------------------------------|---|
| Apple | After Harvesting | ❖ To control the attack of wooly apple aphid to the main trunk and roots use a yellow sticky band during the November on the trunk of the plant. |
| Garlic | Vegetative stage | ❖ Apply irrigation within a week during vegetative growth of the crop. ❖ Do hoeing and weeding in the fields. |
| Spinach, coriander and fenugreek | | ❖ Shallow hoeing should be done after the irrigation to crops after every cut to remove weeds from the field. |
| Wheat (low hills) | CRI stage/vegetative stage | ❖ First irrigation should be done at 21-25 days after sowing at the time of Crown Root Initiation (CRI) stage. After irrigation, apply second doze of urea when optimum moisture is available in the soil. ❖ Regular monitoring of wheat crop for pink stem borer. It generally attacks the wheat crop at seedling stage. |
| Livestock | | ❖ Farmers are advised to mix vitamin E @ 50 grams per day in granular food for animals. To control the <i>aphara</i> disease in animals gives them a mixture of dry and green grass. ❖ 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. |
| Natural Farming | Seasonal crops | ❖ Farmers doing natural farming can control insect-pest attack by spraying Agniastra, Brahmastra and Neemastra and dashparni ark at weekly interval @2.5 per cent when weather is clear and sunny. |
| Apiculture | | ❖ The temperature has fallen and expected to fall further, so give the winter packing immediately to colonies. Check the colonies for nector and give artificial food to honey bees as there is scarcity of flowers during these days. And keep colonies in sun on clear day. |

Dr SK Bhardwaj
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