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Agromet advisory Bulletin
(Govt. of India)

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Year : 30

Bulletin: 75

Period: 21st to 25th Sept

Date: 20-09-2024

Solan

Past Weather: During last week weather remained variable. Maximum and minimum temperatures ranged between 21.5-28.0°C and 17.0-19.5°C and wind speed ranged from 0.9-1.9 kmph.

Weather Forecast for next 5 days (0830 hrs 21st to 25th Sept, 2024)

Date	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH morning (%)	RH evening (%)	Wind Speed (kmph)	Wind Direction (°)	Cloud Cover (Okta)
21-09-24	0	31	16	72	63	6	68	2
22-09-24	0	31	16	72	63	6	56	2
23-09-24	0	31	16	71	60	6	68	2
24-09-24	1	30	17	78	62	6	68	4
25-09-24	1	30	17	78	65	7	68	4

Sky may remain partly cloudy with chances of light rainfall on 23rd and 24th September, 2024. Maximum & minimum temperatures will range between 30.0-31.0°C and 16.0-17.0°C, respectively. Wind speed will range between 6.0-7.0 kmph in the north-east direction. Relative humidity will fluctuate between 60-78 percent.

District and Blocks	20 th	21 st	22 nd	23 rd	24 th
Shimla	Partly cloudy sky	Partly cloudy sky	Partly cloudy sky	Light rainfall at isolated places	Light rainfall at isolated places
Solan	Partly cloudy sky	Partly cloudy sky	Partly cloudy sky	Light rainfall at isolated places	Light rainfall at isolated places
Bilaspur	Partly cloudy sky	Partly cloudy sky	Partly cloudy sky	Light rainfall at isolated places	Light rainfall at isolated places
Sirmaur	Partly cloudy sky	Partly cloudy sky	Partly cloudy sky	Light rainfall at isolated places	Light rainfall at isolated places
Dharampur	Partly cloudy sky	Partly cloudy sky	Partly cloudy sky	Light rainfall at isolated places	Light rainfall at isolated places
Kandaghat	Partly cloudy sky	Partly cloudy sky	Partly cloudy sky	Light rainfall at isolated places	Light rainfall at isolated places
Kunihar	Partly cloudy sky	Partly cloudy sky	Partly cloudy sky	Light rainfall at isolated places	Light rainfall at isolated places
Nalagarh	Partly cloudy sky	Partly cloudy sky	Partly cloudy sky	Light rainfall at isolated places	Light rainfall at isolated places
Solan	Partly cloudy sky	Partly cloudy sky	Partly cloudy sky	Light rainfall at isolated places	Light rainfall at isolated places
Weather Warning					
	NIL	NIL	NIL	NIL	NIL

General Advisory:-

- ❖ Keep the basins of fruit trees free of weeds.
- ❖ Follow crop base agro advisory regularly.
- ❖ Intercultural operations like weeding, hoeing and earthing up are recommended during clear weather condition.
- ❖ Apply plant protection measures during clear weather.
- ❖ Use **MEGHDOOT** app for acquiring information regarding agromet advisory in the local language.

SMS Advisory:-

- ❖ Farmers are advised to prepare beds for direct sowing of *Rabi* season crops in their fields.

Main Crops	Crop Stage	Crop Advisory
Vegetables/fruits		
Kiwi	Fruit maturity	❖ Keep the basins of kiwi vines free of weeds.
Apple/ Pomegranate	Harvesting	❖ Farmers are advised to collect the dropped, damaged & rotten fruits from the orchards and bury them in a deep pits to avoid the spreading of any disease in the fruit trees ❖ Keep the orchards neat and clean after fruit harvesting.
Spinach	Direct Sowing	❖ Spinach sowing in the month of September is good for germination of crop, as weather is expected to be clear in the next days. ❖ Seed rate: 25-30 kg/ha, 2-2.5 kg/Bigha, Spacing: 30x10 cm.
Rabi season crops	Direct Sowing	❖ Prepare beds for direct sowing and sow Methi, Coriander, Radish, Carrot, and Beet Root upto the end of September.
Cole crops (Cauliflower, Cabbage)	Transplanting	❖ Transplanting of cabbage and cauliflower is recommended if it has been 20-25 days for sowing of crop ❖ Spacing recommended for cabbage is 45x45 cm and cauliflower 30x20cm.
Pea	Field preparation/Sowing	❖ Farmers are advised to sow early varieties of Pea (Arkal and VL-1) at recommended spacing of 30 x 7.5 cm.
Paddy	Milking stage	❖ Monitor the crop against the attack of rice stem borer. ❖ Keep the bunds of the field clean by removing weeds. ❖ Do not allow the rain water to stand in the crop ❖ Install pheromone traps @ 3-4/acre in the paddy fields for control of stem borer.
Maize	Milking stage	❖ Do not allow the rain water to stand in the crop make proper drainage channels in the field as this crop is highly sensitive to standing water and promotes bacterial stalk rot. ❖ Farmers are advised to monitor the crop against the attack of fall army worm in maize crop. If the infection is more than 10 percent, then spray neem seed kernel extracts @ 5ml/ L.
Livestock	-	❖ Care should be taken to avoid water stagnation around the cattle shed and also avoid wetness inside the cattle shed. ❖ Maintain proper hygiene in sheds. ❖ Provide adequate amount of fresh cool and clean drinking water. ❖ Plant shady trees around the cattle shed. ❖ Give vaccination against FMD.
Natural farming	-	❖ 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 at regular interval during the clear weather condition.

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