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Agromet advisory Bulletin
(Govt. of India)

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Period: 30th Sept to 4th Oct

Date: 29-09-2023

Past Weather: During last week the weather remained dry. Maximum and minimum temperatures ranged between 28.5-30.5°C and 13.4-15.0°C and wind speed ranged from 2.7-3.0 kmph in south-west direction.

Weather Forecast for next 5 days (0830 hrs 30th Sept to 4th Oct, 2023)

Date	Rainfall (mm)	Tmax (°C)	Tmin (°C)	RH morning (%)	RH evening (%)	Wind Speed (kmph)	Wind Direction (°)	Cloud Cover (Okta)
30-09-23	0	30	21	69	54	7	48	2
1-10-23	0	30	21	68	59	8	41	2
2-10-23	0	29	20	67	48	9	35	1
3-10-23	0	29	21	65	49	8	26	2
4-10-23	0	29	21	64	52	7	45	3

In the next five days, the weather will remain dry and clear. Maximum and minimum temperatures will range between 29.0-30.0°C and 20.0-21.0°C, respectively. The wind speed will range between 7.0-9.0 kmph in the north-east direction. Relative humidity will fluctuate between 48-69 percent.

	30 th	1 st	2 nd	3 rd	4 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:-

- ❖ Keep the basins of fruit trees free of weeds.
- ❖ Farmers are advised to irrigate the crops at regular interval as per the requirement.
- ❖ Farmers are advised to regularly monitor the vegetable crops against the attack of insect/diseases.
- ❖ Ensure proper aeration in vegetable fields through weeding and proper staking of plants.
- ❖ Follow crop base agro advisory regularly.
- ❖ Use **MEGHDOOT** app for acquiring information regarding agromet advisory in the local language.

SMS Advisory:-

- ❖ Intercultural operations like weeding, hoeing and earthing up are recommended during clear weather condition.

Main Crops	Crop Stage	Crop Advisory
Vegetables/fruits		
Tomato/Brinjal	Fruiting/harvesting	<ul style="list-style-type: none"> ❖ Collect the damaged fruits and leaves and buried them in the soil to avoid the attack of the fruit and shoot borer in tomato and brinjal crops. Install pheromone trap @ 25 per hac if pest population is high. If pest population is high, spraying of recommended chemicals is advised as weather is clear in the next 5 days. ❖ Timely harvest the matured fruit in order to avoid spoilage.
Spinach	Direct Sowing	<ul style="list-style-type: none"> ❖ The Farmers who are left with the sowing of crop are advised to sow the crop immediately as weather is clear and dry for next 5 days. ❖ Spinach sowing within first fortnight of September during clear weather for good germination and crop stand. ❖ Seed rate: 25-30 kg/ha, 2-2.5 kg/Bigha, Spacing: 30x10 cm.
Garlic	Field preparation/sowing	<ul style="list-style-type: none"> ❖ Preparation of field (2-3 ploughing) and addition of FYM in the soil before sowing of garlic in the fields. ❖ FYM: 8 q/Bigha and 100 q/ha. ❖ Farmers are advised to go for sowing of garlic crop in the fields. ❖ Seed rate: 40-50 kg/bigaha at the spacing of 20 x 10 cm.
Pea	Sowing	<ul style="list-style-type: none"> ❖ Farmers are advised to go for sowing of early variety of pea crop in the fields. ❖ Seed rate: 10-12 kg/bigaha at the spacing of 30 x 7.5 cm.
Cauliflower, Cabbage	Transplanting	<ul style="list-style-type: none"> ❖ Farmers are advised to go for transplanting of cole crops.
Maize	Physiological maturity/Harvesting	<ul style="list-style-type: none"> ❖ Timely harvest of produce is advised when the cobs dry, turns brown and grain hardens and harvested maize crop should be stored after proper sun drying and in proper grain moisture.
Rice	Reproductive stage	<ul style="list-style-type: none"> ❖ Use Leaf color chart for need based urea application. ❖ Monitor the crop against the attack of sheath blight and rice stem borer. ❖ Keep the bunds of the field clean by removing weeds. ❖ Install pheromone traps @ 3-4/acre in the paddy fields for control of stem borer.
Natural farming	-	<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 at regular interval as weather is clear in the next 5 days. ❖ Farmers doing natural farming may follow the above advisory, and other farmers may follow the management practices issued time to time please as per package of practices.
Livestock	-	<ul style="list-style-type: none"> ❖ Care should be taken to avoid water stagnation around the cattle shed and also avoid wetness inside the cattle shed. ❖ Give vaccination against FMD. ❖ Provide adequate amount of fresh cool and clean drinking water to the animals at frequent intervals.

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