



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, DISTRICT AGROMET
UNIT, KRISHI VIGYAN KENDRA, MOHOL, SOLAPUR.



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464) Weather based Agromet Advisory committee meeting dated 06.12.2024

District: Solapur

Last Week Weather Summary 30.11.2024 to 06.12.2024							Weather Parameters	Weather Forecast (07.12.2024 to 11.12.2024)				
30	01	02	03	04	05	06	Date	07	08	09	10	11
0.0	0.0	0.0	0.0	0.0	0.0	-	Rainfall (mm)	4.0	3.0	0.0	0.0	0.0
32.8	32.0	30.6	31.0	30.0	33.0	-	Maximum temperature (°C)	30.0	29.0	29.0	28.0	28.0
17.2	20.6	21.0	23.6	22.4	22.0	-	Minimum temperature (°C)	24.0	23.0	19.0	15.0	14.0
Partially Cloudy	Partially Cloudy	Partially Cloudy	Partially Cloudy	Partially Cloudy	Partially Cloudy	-	Cloud Cover	Partially Cloudy	Partially Cloudy	Partially Cloudy	Partially Cloudy	Partially Cloudy
82	83	87	89	87	87	-	Max. RH (%)	85	84	85	85	84
48	61	73	74	85	60	-	Min. RH (%)	55	55	56	57	55
3.7	3.7	3.7	3.7	3.7	1.9	-	Wind Speed(km/hr)	5.0	4.0	1.0	6.0	10.0

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		<p>According to the forecast given by the Regional Meteorological Centre, Mumbai, of the India Meteorological Department, there is a possibility of Partially Cloudy Sky from 06th December to 11th December 2024. During date 06th December to 08th December 2024, there is possibility of light rainfall at isolated places. During date 09th December to 11th December 2024, weather may remain dry in the district.</p> <p>During next five days maximum temperature will remain nearby 28°C to 30 °c, while minimum temperature will remain nearby 14°C to 24°C. Morning relative humidity will remain between 84 to 85 % and afternoon relative humidity will remain 55 to 57 %. Wind speed will remain up to 01 to 10 km/h.</p>
Extended Range Forecast (ERFS)		<p>As per ERFS products during 11th December to 17th December 2024, Ahmednagar, Pune, Satara, Sangli, Solapur, Kolhapur) division</p> <ul style="list-style-type: none"> ➤ Rainfall may remain above normal. ➤ Maximum temperature may remain below normal. ➤ Minimum temperature may remain normal.
General Advisory		<ul style="list-style-type: none"> ➤ For the next two to three days, the district is expected to experience cloudy and humid weather, with chances of rainfall at isolated places. Hence, farmers are advised to regularly monitor their crops for pests and diseases. If the infestation exceeds the economic threshold level, appropriate measures should be taken immediately. ➤ Farmers should take necessary precautionary measures while spraying insecticide, fungicide etc. ➤ Farmers should download and make use of Meghdoot mobile app for weather based crop advisory and weather forecast. Also, farmers should download of Damini mobile app and make use for lightning and thunderstorm warning and forecasting.
SMS Advisory		A drop in minimum temperature is likely in Solapur district from December 9, 2024.



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Crop	Crop Stage	Advisory
Pigeon Pea	Pod Filling	Due to the current cloudy and humid conditions, the infestation of pigeon pea pod borers has increased. If the damage caused by pod-boring insects during the pod-filling stage exceeds the economic threshold level, spray with either Indoxacarb 14.5% SC at 7 ml or Emamectin Benzoate 5% SG at 3 ml per 10 liters of water. Additionally, irrigate the pigeon pea crop if there is water stress during the pod-filling stage.
Sugarcane	Sugarcane Ratoon Management	Sugarcane Ratoon Management: If the sugarcane stalks remain large length, they should be cut with a sharp sickle near the ground. This allows the shoots to germinate under the soil and increase the total number of shoots. Immediately after cutting spray 0.1% Bavistin (1 g Bavistin in 1 liter of water). This prevents soil borne fungal diseases. For decomposition of sugarcane trash apply 80 kg urea per hectare and 100 kg single super phosphate per hectare in the field. Then 10 kg of decomposer should be mixed in organic manure or moist soil and spread evenly on the sugarcane trash. Decomposition requires nitrogen, phosphorus and decomposer.
Wheat		If there is possible of irrigate the wheat crop twice after sowing, the first Irrigation should be done after 20 to 22 days, on Crown root initiation stage. The remaining half dose of nitrogen should be applied to wheat crop at the time of first watering three weeks after sowing.
Chick pea	Rainfed Chick pea Flowering stage	Due to cloudy weather, when crop in flowering stage, if larvae appear on it and white spots on leaves appear, then neem extract should be spray in clear weather. Five pheromone traps should be set per hectare for pest survey in gram crops. A first spray of 5 percent neem extract should be applied for pest control.
Rabi safflower	Growth Stage	Due to the current cloudy and humid conditions and a drop in the minimum temperature over the past week, likelihood of aphid infestation in safflower crops. If aphids are observed on the border rows, the first spray should be done using Acephate 75 SP at the rate of 16 grams per 10 liters of water. The second hoeing should be done 5 weeks after sowing with the help of pass hoe.
Rabi Sorghum		Due to the current cloudy and humid conditions and a drop in the minimum temperature over the past week, the incidence of aphids has increased, leading to the spread of sticky or sugary disease in sorghum. For the control of Sugary Disease, spray the crop with 30% dimethoate 500 ml in 500 liters of water Or Spray thiamethoxam 5 g + Mancozeb 2.5 g per 10 liters of water as required. If the infestation of Fall Army Worm is more than 10% for its control take a spray of Spinoteram 11.7% SC @ 5 ml OR Thiamethoxam 12.6% + lambda - cyhalothrin 9.5% ZC @2.5 ml per 10 liter of water in clear weather.
Onion		Due to the current cloudy and humid weather, with the possibility of light rain in isolated areas, if blight disease is detected in onion crops, you can control Thrips and blight by spraying 15 ml of Dimethoate 30% EC or a mixture of 6 ml of Lambdacyhalothrin 5% EC and 10 ml of Tebuconazole per 10 liters of water during clear weather conditions.
Banana		Due to the current cloudy and humid weather, with the possibility of rain in isolated areas, if Sigatoka disease is detected in banana crops, you should control the disease by removing either part of the affected leaves or entire leaves from the plants. When



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		the disease is noticed, spray a mixture of 5 ml of Propiconazole and 100 ml of mineral oil in 10 liters of water, provided there is no rainfall. Repeat this spray application two times with a 20-day interval between each spray.
Pomegranate		Due to the current cloudy weather and rainfall, if bacterial blight disease is detected in a Pomegranate orchard, For management of bacterial blight disease take a spray of Bronopol (95-98 %) @ 0.5 g/L + Copper oxychloride @ 2 to 2.5 g/L + Spreader sticker @ 0.5 ml/L within 24 hours after rainfall.
Animal Management		It is most important to give wormicide medicine to animals by consulting veterinary doctor. Always give clean drinking water to animals. For control and prevention of liver fluke disease animals should be given vaccine and medicine in consultation with veterinary doctor.

Source

- 1) Weather Forecast : Research Section, Mumbai.
2) Last week weather summary : Zonal Agriculture Research Station, Solapur.

Place : Krishi Vigyan Kendra, Mohol.

Date : 06th, December 2024

Sd/-

**Nodal Officer, DAMU, KrishiVigyan Kendra,
Mohol, Solapur.**