



**AGROMET ADVISORY BULLETIN**  
**GRAMIN KRISHI MAUSAM SEWA, AMFU, KOLHAPUR**  
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**Weather based Agromet Advisory committee meeting dated 21.09.2021**

**District: SANGLI**

Last Week Weather Summary (15.09.2021 to 21.09.2021)							Weather Parameters	Weather Forecast 22.09.2021 to 26.09.2021)				
15	16	17	18	19	20	21	Date	22	23	24	25	26
0.2	0.0	0.0	0.0	0.0	0.0	-	Rainfall (mm)	16	12	12	9	10
29.2	30.3	31.2	30.7	30.8	31.8	-	Max. Temp. (°C)	32	32	31	32	33
21.6	21.5	21.2	21.1	21.6	22.1	-	Min. Temp. (°C)	23	22	22	23	23
7	7	2	4	8	8	-	Cloud Cover	7	7	8	8	7
89	90	86	88	89	84	-	Max. RH (%)	92	92	93	94	94
75	67	65	64	57	64	-	Min. RH (%)	65	70	68	64	61
1.9	1.9	1.9	1.9	1.9	1.9	-	Wind Speed(km/hr)	11	11	8	8	8
WSW	WSW	WSW	WSW	WSW	WSW	-	Wind Direction	W	WSW	WSW	WSW	WSW

**Agromet Advisory Based on Weather Forecast Prediction**

Crop	Stage	Advisory
Weather Summary/ Alert		Weather forecast given by Regional Meteorological Centre, Mumbai has indicated that there is possibility of cloudy sky from 22 <sup>nd</sup> to 26 <sup>th</sup> September and possibility of light to moderate rainfall at fairly widespread places on 22 <sup>nd</sup> and 23 <sup>rd</sup> September and possibility of light rainfall at scattered places from 24 <sup>th</sup> to 26 <sup>th</sup> September in Sangli district. During next 5 days Maximum temperatures will remain nearby 31.0 to 33.0 and minimum nearby 22.0 to 23.0°C respectively. Morning relative humidity will remain between 92 to 94% and Afternoon relative humidity will remain 61 to 70%. Wind speed will remain between 08 to 11 km/hr. According to Extended Range Forecast (ERF) Madhya Maharashtra Sub Division will receive above normal rainfall and the Maximum temperature and Minimum temperature will remain in normal range valid from 26 <sup>th</sup> to 02 <sup>nd</sup> October, 2021.
General Advisory		<ul style="list-style-type: none"> <li>➤ Farmers should download "Meghdoot" android application on mobile for Agromet Advisory Services and "Damini" android application for forecast of lightening.</li> <li>➤ Carry out spraying of insecticides when there is no rainfall and calm wind.</li> <li>➤ Carry out harvesting of matured kharif crop and keep the harvested produce at safe place as rainfall is forecasted.</li> </ul>
SMS Advisory		Possibility of light rainfall at scattered places from 22 <sup>nd</sup> to 26 <sup>th</sup> September in Sangli district thus keep the harvested produce at safe place.
Maize	Flowering	<ul style="list-style-type: none"> <li>➤ Cob Borer: For prevention of infestation spread Trichogramma chilonis egg parasitoids in the field at silking stage.</li> <li>➤ If infestation of American Fall Army Worm observes then carry out spraying of one of the insecticide mentioned below. Chlorantraniliprole 18.5% SC insecticide @0.4 ml per litre of water. <b>Or</b> Spinetoram 11.7% SC @0.5 ml per litre of water. <b>Or</b> Emamectin Benzoate 5% SG @0.4 gram per litre of water.</li> </ul>
Rabbi Jowar	Sowing	<ul style="list-style-type: none"> <li>➤ Carry out sowing of rabbi Jowar during 15<sup>th</sup> September to 15<sup>th</sup> October at vapasa condition at 5 cm depth.</li> <li>➤ Seed treatment: For 1 kg of seed apply 4 gram Sulphur and 25 gram of Azotobactor and PSB culture. Use 45x12cm spacing for sowing, Use 10kg seed/ha.</li> <li>➤ Varieties: Use Phule Anuradha, Phule Chitra, Phule Suchitra, Phule Vasudha and Phule Revati varieties for sowing.</li> </ul>
Pearl Millet	Maturity	➤ Carry out harvesting of matured crop and keep the harvested produce at safe place.
Green gram	Maturity	➤ Keep the harvested produce at dry and safe place. Do not keep the harvested produce at humid and wet place.



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<b>Soybean</b>	Pod filling to maturity	➤ For control of Pod Blight disease/Anthracnose disease spray the Soybean seed plots with Thiophenate Methyl @ 1 kg/ha or Tebuconazole @ 625 ml/ha or Tebuconazole + Sulphur 1 lit/ha or Hexaconazole @ 500 ml/ha or Pyroclostrobin @ 500 g/ha using 500 liter of water. Spraying should be carried out when there is no rainfall and the wind speed is very low or at calm condition and Use sticker while spraying.
<b>Grape</b>	Cane maturity	➤ Mite infestation may start appearing, therefore, monitor the vineyards carefully. If mite infestation is observed, sulphur 80 WDG @ 1.5-2.0 gram per litre or abamectin 1.9 EC @ 0.75 ml/l water is effective.
<b>Pomegranate</b>	Fruit Enlargement	➤ In fruit bearing orchards only during enlargement stage to in order to check bacterial blight, 2 emergency sprays at 4 days interval may be taken if 10 - 25% fruit infection is observed. These sprays can stop further spread of blight, later as per need single blight spray may be taken. Bacterial blight :- <b>First spray:-</b> Copper hydroxide 53.8 % @ 2 gram /L + Streptocycline 100 % @ 0.5 gram/L + Bronopol 95 -98 % @ 0.5 gram/L + Spreader+Sticker 0.5 ml/L. Do not take any spray for next 4 days, on 5 <sup>th</sup> day take second spray. <b>Second spray:-</b> Carbendazim 50 % WP @ 1 gram/L + Streptocycline 100 % @ 0.5 gram/L + Bronopol (95-98 %) 0.5 gram/L + Spreader Sticker 0.5 ml/L.
<b>Sugarcane</b>	Suru: Grand growth stage	➤ As the forecast of Tmax more than 30.0 °C and RH I more than 90% there is possibility of infestation of rust disease on Sugarcane crop. For control of rust disease spray the crop with 0.3% of Mancozeb (30 gram/10 lit. water) or 0.1% Tebuconazole (10 ml/10 lit. water). Spraying should be carried out when there is no rainfall and when the wind speed is very low or at calm condition.
<b>Turmeric</b>	Rhizome development	➤ Due to humid weather there is possibility of leaf spot disease on Turmeric plant. Take the spray of Carbendezium 50W.P.10 gram by mixing in 10 liters of water.
<b>Brinjal</b>	Growth	➤ For control of fruit and shoot borer in brinjal spray the crop with Cypermethrin 25 EC 5 ml/10 lit water. Destroy the affected fruits and shoots by burying them in soil.
<b>Onion</b>	Sowing	➤ Carry out sowing of rabbi (rangada) onion. Use Baswant 780, Phule Samarth and N-2-4-1 varieties sowing. Spacing:15x10cm, Seed treatment: Apply Azospirillum and P.S.B culture 25 gram per kg of seed before sowing.
<b>Animals</b>	Growth	➤ There is possibility of rainfall thus keep the animals at safe places. ➤ Carry out vaccination to all healthy animals in September month for prevention from Foot and Mouth disease.

**Source:**

1) Weather Forecast

: Research Section, Mumbai

2) Last week weather summary

: IMD observatory (ZARS,KOLHAPUR)

**Place : ZARS, KOLHAPUR**

**Date :21.09.2021**

**Sd/-**

**Nodal Officer, GKMS, &  
Associate Director of Research,  
ZARS, Kolhapur**