



# AGROMET ADVISORY BULLETIN

## GRAMIN KRISHI MAUSAM SEWA, AMFU, KOLHAPUR

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**Weather based Agromet Advisory committee meeting dated 20.11.2020**

**District: SATARA**

Last Week Weather Summary (14.11.2020 to 20.11.2020)							Weather Parameters	Weather Forecast (21.11.2020 to 25.11.2020)				
14	15	16	17	18	19	20	Date	21	22	23	24	25
0.0	0.0	0.0	0.0	0.0	-	-	<b>Rainfall (mm)</b>	20	0	5	3	0
31.3	31.9	32.0	30.9	32.1	-	-	<b>Max. Temp. (°C)</b>	32	32	32	30	30
18.8	18.4	17.5	19.6	20.5	-	-	<b>Min. Temp. (°C)</b>	19	18	18	19	17
3	2	5	3	7	-	-	<b>Cloud Cover</b>	5	6	5	3	1
80	83	78	85	86	-	-	<b>Max. RH (%)</b>	77	78	78	69	55
59	52	48	57	57	-	-	<b>Min. RH (%)</b>	45	51	53	50	39
-	-	-	-	-	-	-	<b>Wind Speed(km/hr)</b>	6	5	5	7	8
-	-	-	-	-	-	-	<b>Wind Direction</b>	SSE	E	ENE	ESE	E

#### Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
<b>Weather Summary/ Alert</b>		Weather forecast given by Regional Meteorological Centre, Mumbai has indicated that there is possibility of moderate rainfall on 21 <sup>st</sup> and light rainfall on 23 <sup>rd</sup> and 24 <sup>th</sup> November in Satara district. Maximum temperatures will remain 30.0 to 32.0°C and minimum nearby 17.0 to 19.0 °C respectively. Wind speed will remain up to 05 to 08 km/hr.
<b>General Advisory</b>		<ul style="list-style-type: none"> <li>➤ Use sticker while spraying of insecticide or pesticide to crop.</li> <li>➤ Carry out weeding /hoeing in rabbi crop.</li> <li>➤ Farmers should download "Meghdoot" android application on mobile for Agromet Advisory Services and "Damini" android application for forecast of lightening.</li> <li>➤ Possibility of decrease in minimum temperature thus farmers should take of themselves and their cattle's for protection from cold.</li> </ul>
<b>SMS Advisory</b>		➤ Possibility of light to moderate rainfall at isolated places up to 24 <sup>nd</sup> November in Satara district thus keep the harvested produce of Rice and Finger Millet at protected and dry place.
<b>Wheat</b>	Germination	➤ Late sowing of Wheat after 15 <sup>th</sup> November affects yield of wheat each fortnight delay results 2.5 quintal loss in yield thus avoid sowing after 15 <sup>th</sup> December.
<b>Maize</b>	Germination	➤ For control of Maize stem borer take the spray of Carbaril 85 W.P. water soluble power @ 1764 gram by mixing in 500 to 1000 liters of water after completion of 8 to 10 of germination.
<b>Rabbi Jowar</b>	Vegetative growth	<ul style="list-style-type: none"> <li>➤ Carry out weeding /hoeing for control of weed.</li> <li>➤ About 60 to 70 % soil moisture losses by evaporation thus to conserve soil moisture carry out mulching to the Sorghum crop in scarcity region by using straw, dry leaves, dry weed.</li> </ul>
<b>Sugarcane</b>	Preseasonal - Planting	<ul style="list-style-type: none"> <li>➤ Start the planting of Pre seasonal Sugarcane. Select varieties like Co.86032 (Nira), Co.M0265(Phule 265), M.S.10001 (Phule 10001), Co. 94012 (Phule Savitri), Co.C.671 (Vasant-1) for cultivation.</li> <li>➤ <b>Sets Treatment:</b> Mix Dimethoate 30 % EC 265 ml in 100 liters of water and dip Sugarcane sets into the prepared solution for 10 minutes which protects the Sugarcane form fungal diseases and mealy bugs.</li> </ul>
	Adsali - Harvesting	<p>Carry out harvesting of Sugarcane crop according to season and maturity of Sugarcane crop. Stop irrigating crop 15 days before harvesting of matured sugarcane crop. After harvesting of Sugarcane crop immediately send harvested sugarcane to factory for crushing. Harvesting of Preseasonal sugarcane should be done within 14 to 15months while harvesting of Adsali sugarcane should be done within 16 to 18 months after planting.</p> <ul style="list-style-type: none"> <li>➤ Management of harvested Sugarcane leaves</li> <li>➤ For decomposing of harvested sugarcane leaves apply 1 sack of Urea and 1 sack of Single Super Phosphate to the leaves and then apply 4 kg decomposing culture per acre for decomposing of sugarcane trash/ leaves by mixing it in cowdung slurry.</li> </ul>



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<b>Chilli</b>	Growth	➤ Possibility of incidence of thrips on Chilli thus for control thrips spray the crop alternately with Imidacloprid 17.8 % S.L 5ml or Fipronil 5 S.C 15 ml per 10 liter of water.
<b>Garden Pea</b>	Sowing	➤ Carry out sowing of Pea during November month at vapasa condition. Use Bonvhila, Arkel and Phule Priya varieties for sowing. Carry out sowing with spacing 30 x15cm. ➤ Seed treatment: Apply Captain or Carbendezium 3 gram per kg of Seed. ➤ Give fertilizer dose of 15kg Nitrogen, 60kg Phosphorus and 60kg Potash per hectore before sowing of Pea.
<b>Mango</b>	Growth	➤ Evaporation reduces 70 % of moisture from soil so carry out mulching in Mango Orchard with dry leaves, dry grass, straw (7 to 8 cm layer) which reduces soil moisture loss by evaporation.
<b>Animals</b>	Growth	➤ Carry out planting of fodder Crop like Maize, Oat, Barseem, Lucern and Jowar crop.

**Source:**

1) Weather Forecast

: Research Section, Mumbai

2) Last week weather summary

: IMD observatory (ZARS,KOLHAPUR)

**Place : ZARS, KOLHAPUR**

**Sd/-**

**Date :20.11.2020**

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