



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, KOLHAPUR

ZONAL AGRICULTURAL RESEARCH STATION, SHENDA PARK, KOLHAPUR



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Weather based Agromet Advisory committee meeting dated 26.02.2021

District: SANGLI

Last Week Weather Summary (20.02.2021 to 26.02.2021)							Weather Parameters	Weather Forecast 27.02.2021 to 03.03.2021)				
20	21	22	23	24	25	26	Date	27	28	01	02	03
0.0	0.0	0.0	0.0	0.0	0.0	-	Rainfall (mm)	0	0	0	0	0
27.2	30.2	31.2	32.7	34.2	34.9	-	Max. Temp. (°C)	37	38	37	38	38
16.4	19.4	20.3	18.9	18.9	19.7	-	Min. Temp. (°C)	21	22	23	22	22
0	2	2	0	0	0	-	Cloud Cover	2	0	1	2	1
80	77	83	79	73	71	-	Max. RH (%)	39	31	25	32	45
55	48	48	57	45	71	-	Min. RH (%)	17	12	11	11	12
3.7	3.7	1.9	1.9	0.0	0.0	-	Wind Speed(km/hr)	11	14	13	11	12
-	-	-	-	-	-	-	Wind Direction	W	NE	ENE	NE	E

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 mainly weather from 27 th February to 03 rd March in Sangli district. Maximum temperatures will remain nearby 37 to 38 and minimum up to 21 to 23 °C respectively. Wind speed will remain up to 11 to 14 km/hr.
General Advisory		<ul style="list-style-type: none"> ➤ Farmers should download "Meghdoot" android application on mobile for Agromet Advisory Services and "Damini" android application for forecast of lightening. ➤ Make arrangement of irrigation to the fruit orchards and rabbi crops.
SMS Advisory		<ul style="list-style-type: none"> ➤ Carry out harvesting and threshing of matured Wheat, Rabbi Soorghum and Chickpea crop. Dry the farm produce under sunlight and then store at protective place.
Wheat	Maturity	<ul style="list-style-type: none"> ➤ Carry out harvesting of early matured wheat varieties 2-3 days before full maturity of crop as it will avoid shattering of grains in field. At the time of harvesting moisture percentage in grain should be 15%.
Rabbi Soorghum	Maturity	<ul style="list-style-type: none"> ➤ Carry out harvesting matured rabbi Soorghum crop. Dry the earheads under sunlight before threshing. Dry harvested produce/grains under sunlight and store at protected place.
Chick pea	Pod filling to maturity	<ul style="list-style-type: none"> ➤ Chick pea crop matures within 110 to 120days. When pods get well dried carry out harvesting and then threshing of Chickpea crop. Dry the harvested chickpea grains under sunlight for 6 to 7 days and then store this dried produce at protected place. Keep the Neem leaves (5%) in stored grains so that it will prevent further insect damage to grains.
Sugarcane	Planting	<ul style="list-style-type: none"> ➤ For ratoon management after harvesting of Sugarcane crop keep the sugarcane trash as it is, do not burn Sugarcane trash/leaves in field. Do not take ratoon if crop and field is infested with pest, disease and weed. ➤ Keep the ratoon of the Sugarcane crop which is harvested before 15th February. Otherwise there will be chances of Sugarcane stem borer. ➤ Uproot and completely destroy grassy shoot of Sugarcane if found in Sugarcane ratoon crop.
	Preseasonal	<ul style="list-style-type: none"> ➤ During February month the rate of evaporation increases up to 5.49 mm per day. Sugarcane crop needs 3.27 liters of water per day thus for fulfilling that requirement Drip Irrigation Unit(4liters dripper) need to run for 49 minutes daily.
Grape	Growth	<ul style="list-style-type: none"> ➤ During Berry development stage, apply irrigation through drip @ 6800 - 10200L/ acre/ day. ➤ Due to dry weather there will increase infestation of Mites to control take the spray of Sulphur



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		80WDG @1.5 to 2.0 g/lit or Abamectin 1.9 EC@ 0.75ml/liter of water.
Pomegranate	Growth	<p>➤ Mrig Bahar: If foliar pest infestation observed is high, take spray with any of these insecticides Lambda cyhalothrin 5% EC @ 0.5-0.75 ml/L or Indoxacarb 14.5% SC @ 0.75 ml/L or Thiamethoxam 25%WG @ 0.5 g/L water.</p> <p>➤ Hast Bahar: Mealy Bugs: At the beginning stage if infestation observed take the spray of Neem Oil 1% + Pongamia Oil @ 3+3 ml per liter water.</p>
Onion	Growth	➤ For control of Thrips in Onion take the spray of Dimethoate 30 % E.C. @ 15 ml or Lambda Cyhalothrin 5 % E.C. 6 ml mixed in 10 liters of water.
Turmeric	Maturity	➤ Carry out harvesting of crop according varieties and after completion of the crop duration at maturity stage.
Animals	Growth	➤ Carry out sowing of Hybrid Napier grass. Use Phule Jayvant and Phule Gunvant varieties.

Source:

1) Weather Forecast

: Research Section, Mumbai

2) Last week weather summary

: IMD observatory (ZARS,KOLHAPUR)

Place : ZARS, KOLHAPUR

Sd/-

Date :26.02.2021

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