



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, KOLHAPUR

ZONAL AGRICULTURAL RESEARCH STATION, SHENDA PARK, KOLHAPUR



Ph. No. 0231 2692416

E-mail: adrkolhapur@rediffmail.com

Weather based Agromet Advisory committee meeting dated 17.09.2021

District: SATARA

Last Week Weather Summary (11.09.2021 to 17.09.2021)							Weather Parameters	Weather Forecast 18.09.2021 to 22.09.2021)				
11	12	13	14	15	16	17	Date	18	19	20	21	22
7.3	4.0	12.3	10.1	2.8	1.0	-	Rainfall (mm)	3	3	7	5	5
27.0	27.7	27.9	26.8	28.1	28.3	-	Max. Temp. (°C)	30	31	31	30	30
21.5	21.9	21.7	21.8	22.0	20.9	-	Min. Temp. (°C)	22	22	21	21	21
6	8	7	7	7	7	-	Cloud Cover	6	6	8	7	8
89	91	84	95	82	85	-	Max. RH (%)	94	94	91	93	89
85	90	83	95	77	75	-	Min. RH (%)	62	60	61	66	67
3.7	3.7	3.7	0.0	5.6	0.0	-	Wind Speed(km/hr)	7	7	7	8	11
SE	SE	SE	N	SE	N	-	Wind Direction	WSW	WSW	W	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 18 th to 22 nd September and possibility of light rainfall at isolated places from 18 th to 22 nd September in Satara district. During next 5 days Maximum temperatures will remain between 30.0 to 31.0°C and minimum nearby 21.0 to 22.0°C respectively. Morning relative humidity will remain between 89 to 94% and Afternoon relative humidity will remain 67 to 71%. Wind speed will remain up to 07 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 22 nd to 28 th September, 2021.
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. ➤ Carry out spraying of insecticides when there is no rainfall and calm wind. ➤ Carry out harvesting of matured kharif crop and keep the harvested produce at safe place as rainfall is forecasted.
SMS Advisory		Possibility of light rainfall at scattered places from 18 th to 22 nd September in Satara district thus keep the harvested produce at safe place.
Rice	Tillering to panicle initiation	<ul style="list-style-type: none"> ➤ Keep the water level in rice field 3 to 5 cm at the tillering stage and 5 to 10 cm at stem elongation stage. ➤ If infestation of blue beetle and leaf folder observes then spray the crop with Quinalphos 25% EC @ 2 lit. or Triazophos 40% EC @ 625 ml or Lambda Cyhalothrin 5% EC @ 250 ml in 500 lit. of water per hectore.
Rabbi Jowar	Sowing	<ul style="list-style-type: none"> ➤ Carry out sowing of rabbi Jowar during 15th September to 15th October at vapasa condition at 5 cm depth. ➤ 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. ➤ Varieties: Use Phule Anuradha, Phule Chitra, Phule Suchitra, Phule Vasudha and Phule Revati varieties for sowing.
Green gram	Pod development to maturity	<ul style="list-style-type: none"> ➤ First harvesting of green gram pods should carried out when pods get dry nearby 75% and then remained harvesting should carried out within 8 to 10 days as per the maturity. ➤ Keep the harvested produce at dry and safe place. Do not keep the harvested produce at humid and wet place.
Rajama	Maturity	➤ Keep the harvested produce at dry and safe place as rainfall is forecasted.
Groundnut	Pod filling to maturity	➤ The infestation of White Grub is observed in some part thus to control carry out drenching of



AGROMET ADVISORY BULLETIN
GRAMIN KRISHI MAUSAM SEWA, AMFU, KOLHAPUR
ZONAL AGRICULTURAL RESEARCH STATION,
SHENDA PARK, KOLHAPUR



Ph. No. 0231 2692416

E-mail: adrkolhapur@rediffmail.com

		Metarhizium @ 5 gram per liter of water.
Ginger	Vegetative growth	➤ Leaf roller: for control spray the crop with 5% Neem Seed Kernal Extract or Carbaryl 40gram per 10 liters of water.
Onion	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.
Pomegranate	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 :- First spray:- 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 th day take second spray. Second spray:- 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.
Sugarcane	Growth	➤ Give fertilizer dose of Nitrogen @ 200kg Nitrogen (434 kg Urea) to 6 to 8 weeks age Adsali Sugarcane variety Co.86032 which is second dose and is of 40% of recommended dose of Nitrogen (500:200:200kg N:P:K/ha), for other varieties give fertilizer dose of Nitrogen @ 160kg Nitrogen (347 kg Urea) to 6 to 8 weeks age Adsali Sugarcane which is second dose and is of 40% of recommended dose of Nitrogen (400:170:170kg N:P:K/ha).
Animals	Growth	➤ Keep the animals at safe places as rainfall is forecasted. ➤ 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 :17.09.2021

Sd/-

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