



AGROMET ADVISORY BULLETIN
GRAMIN KRISHI MAUSAM SEWA, AMFU, KOLHAPUR
ZONAL AGRICULTURAL RESEARCH STATION,
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Weather based Agromet Advisory committee meeting dated 21.09.2021

District: SATARA

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
2.8	1.0	0.0	0.0	0.0	0.0	-	Rainfall (mm)	24	13	17	9	11
28.1	28.3	29.2	29.6	-	31.6	-	Max. Temp. (°C)	31	31	30	31	31
22.0	20.9	21.5	20.3	20.2	22.4	-	Min. Temp. (°C)	22	22	22	22	22
7	7	7	8	7	7	-	Cloud Cover	6	7	8	8	8
82	85	80	83	90	84	-	Max. RH (%)	93	92	94	94	94
77	75	72	65	-	70	-	Min. RH (%)	68	71	70	68	61
5.6	0.0	0.0	0.0	0.0	0.0	-	Wind Speed(km/hr)	8	8	6	6	6
14	00	00	00	00	00	-	Wind Direction	W	WSW	WSW	WSW	WSW

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary/ Alert		<p>Weather forecast given by Regional Meteorological Centre, Mumbai has indicated there is possibility of cloudy sky from 22nd to 26th September and possibility of light to moderate rainfall at fairly widespread places on 22nd and 23rd September and possibility of light rainfall at scattered places from 24th to 26th September in Satara district. During next 5 days Maximum temperatures will remain between 30.0 to 31.0°C and minimum nearby 22.0°C respectively. Morning relative humidity will remain between 92 to 94% and Afternoon relative humidity will remain 61 to 71%. Wind speed will remain up to 06 to 08 km/hr.</p> <p>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 26th to 02nd October, 2021.</p> <p>Warning: Thunderstorm and lightening with heavy rainfall at isolated places likely to occur in the ghat areas of Satara district on 21st and 22nd September.</p>
General Advisory		<ul style="list-style-type: none"> ➤ 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. <p>Care should be taken by farmers during thunderstorm and lightening</p> <ul style="list-style-type: none"> ➤ If farmers are in the field and can't find any shelter, avoid the tallest object in the area. If only isolated trees are nearby, best protection is to crouch in the open. ➤ Keep animals away from open water, pond or river. ➤ Keep animals away from tractors and other metal farm equipment. ➤ Cover the harvested produce (if in the field) with polythene sheet. ➤ Avoid contact with electrical equipment or cords. ➤ Don't allow your animals to congregate under trees. ➤ Carry out spraying of insecticides only when there is no rainfall and calm wind. <p>Care take from protection from Covid-19</p> <ul style="list-style-type: none"> ➤ Farmers should avoid going in crowd places and keep hygienic care of their self for protection and prevention from highly infectious Novel Coronavirus disease. ➤ While working in field keep the social distancing, use mask and sanitizer/ soap as per availability. Avoid touching to eyes, mouth and nose while working in field.
SMS Advisory		<p>Possibility of light to moderate rainfall at fairly widespread places from 21st to 26th September in Satara district thus make arrangement to drain out excess of stagnated rainwater from field.</p>
Rice	Flowering to Grain filling	<ul style="list-style-type: none"> ➤ Drain out excess of stagnated water from the field. ➤ Keep the water level in rice field 5 to 10 cm at stem elongation stage and 10cm at flowering and



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		grain filling stage.
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.
Pearl Millet	Maturity	<ul style="list-style-type: none">➤ Carry out harvesting of matured crop and keep the harvested produce at safe place.
Green gram	Maturity	<ul style="list-style-type: none">➤ Keep the harvested produce at dry and safe place. Do not keep the harvested produce at humid and wet place.
Rajama	Maturity	<ul style="list-style-type: none">➤ Keep the harvested produce at dry and safe place as rainfall is forecasted.
Groundnut	Pod filling to maturity	<ul style="list-style-type: none">➤ Do not allow rainwater to stagnate in field and make arrangement to drain out stagnated rainwater from field.
Soybean	Pod filling to maturity	<ul style="list-style-type: none">➤ 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.
Onion	Sowing	<ul style="list-style-type: none">➤ 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	<ul style="list-style-type: none">➤ 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 5th 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	<ul style="list-style-type: none">➤ 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	<ul style="list-style-type: none">➤ 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 :21.09.2021

Sd/-

Nodal Officer, GKMS, &
Associate Director of Research,
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