



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, KOLHAPUR

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Weather based Agromet Advisory committee meeting dated 17.09.2021

District: SANGLI

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
2.3	0.3	2.0	6.8	0.2	0.0	-	Rainfall (mm)	3	3	7	9	6
29.4	27.6	28.1	28.4	29.2	30.3	-	Max. Temp. (°C)	32	32	33	32	32
22.2	22.2	22.4	22.0	21.6	21.5	-	Min. Temp. (°C)	22	23	22	23	23
7	8	8	8	7	7	-	Cloud Cover	7	6	8	7	8
92	91	98	96	89	90	-	Max. RH (%)	94	93	89	91	89
71	81	85	86	75	67	-	Min. RH (%)	61	59	58	62	64
1.9	7.4	5.6	3.7	1.9	1.9	-	Wind Speed(km/hr)	10	10	9	12	13
WSW	WSW	WSW	WSW	WSW	WSW	-	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 Sangli district. During next 5 days Maximum temperatures will remain nearby 32.0 to 33.0 and minimum nearby 22.0 to 23.0°C respectively. Morning relative humidity will remain between 89 to 93% and Afternoon relative humidity will remain 58 to 64%. Wind speed will remain between 09 to 13 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 isolated places from 18 th to 22 nd September in Sangli district thus keep the harvested produce at safe place.
Maize	Flowering	<ul style="list-style-type: none"> ➤ Cob Borer: For prevention of infestation spread Trichogramma chilonis egg parasitoids in the field at silking stage. ➤ 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. Or Spinetoram 11.7% SC @0.5 ml per litre of water. Or Emamectin Benzoate 5% SG @0.4 gram per litre of water.
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.
Groundnut	Pod filling to	➤ The infestation of White Grub is observed in some part thus to control carry out drenching of



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t	maturity	Metarhizium @ 5 gram per liter of water.
Soybean	Pod formation	As the observed and forecasted maximum temperature is between 28 to 32 °C, minimum between 20-23 °C and RH-I above 90% there is possibility of incidence of Leaf eating Caterpillar in soybean thus to control use following practices. ➤ As a preventive measure install 5 Pheromone traps per hector by using Spodoleure. ➤ Take the spray of S.L.N.P.V 500 L.E.or Indoxacarb 15.8 %E.C. 6.6 ml through 10 liters of water.
Grape	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.
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).
Turmeric	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.
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.
Animals	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

Sd/-

Date :17.09.2021

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