



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 21.09.2021

District: KOLHAPUR

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
6.2	2.6	0.0	0.0	0.0	0.0	0.8	Rainfall (mm)	33	14	4	6	7
28.8	29.5	30.0	30.0	30.5	31.0	31.8	Max. Temp. (0C)	31	30	30	30	31
20.4	20.5	20.6	20.5	19.8	20.0	21.6	Min. Temp. (0C)	24	23	23	24	24
4	3	3	4	3	4	4	Cloud Cover	7	7	8	8	7
4	2	7	4	3	2	-						
95	93	93	93	95	93	92	Max. RH (%)	96	96	96	98	98
86	68	69	72	81	73	-	Min. RH (%)	75	77	71	70	68
1.5	1.0	1.6	1.4	1.3	1.6	1.2	Wind Speed(km/hr)	7	6	5	5	4
SW	SSW	SW	WSW	W	W	WSW	Wind Direction	W	SW	SSW	SSW	SSW
WSW	WSW	WSW	SW	W	WSW	-						
Rainfall previous week (mm)				Rainfall since 01.01.2021 (mm)			Rainy days since 01.01.2021					
54.0				1575.2			75					

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 22 nd to 26 th September and possibility of light to moderate rainfall at fairly widespread places on 22 nd and 23 rd September and possibility of light rainfall at scattered places from 24 th to 26 th September in Kolhapur district. During next 5 days Maximum temperature will remain nearby 30.0 to 31.0°C while minimum temperature will remain nearby 23.0 to 24.0°C. Morning relative humidity will remain between 96 to 98% and Afternoon relative humidity will remain 68 to 77%. Wind speed will remain up to 04 to 07 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 26 th to 2 nd October, 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 to moderate rainfall at fairly widespread places from 21 st to 23 rd September in Kolhapur district thus make arrangement to drain out excess of stagnated rainwater from field.
Rice	Stem elongation stage, 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 grain filling stage.
Finger Millet	Panicle initiation	➤ There is incidence of Blight disease in some part thus to control spray the crop with Dithane M-45 25gram per 10 liters of water.
Rabbi Jowar	Sowing	<ul style="list-style-type: none"> ➤ Carry out sowing of rabbi Jowar in eastern tahsils of Kolhapur district 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.



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		➤ Varieties: Use Phule Anuradha, Phule Chitra, Phule Suchitra, Phule Vasudha and Phule Revati varieties for sowing.
Maize	Flowering	➤ 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.
Green gram	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 maturity	➤ Do not allow rainwater to stagnate in field and make arrangement to drain out stagnated rainwater from field.
Soybean	Pod filling to maturity	➤ 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.
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).
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	➤ 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,
ZARS, Kolhapur**