



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 26.07.2024

District: SATARA

Last Week Weather Summary (20.07.2024 to 26.07.2024)							Weather Parameters	Weather Forecast (27.07.2024 to 31.07.2024)				
20	21	22	23	24	25	26	Date	27	28	29	30	31
-	-	-	-	-	-	-	Rainfall (mm)	52	45	25	20	21
-	-	-	-	-	-	-	Max. Temp. (°C)	28	29	30	31	32
-	-	-	-	-	-	-	Min. Temp. (°C)	23	23	24	24	25
-	-	-	-	-	-	-	Cloud Cover	8	8	8	8	8
-	-	-	-	-	-	-	Max. RH (%)	93	88	87	87	86
-	-	-	-	-	-	-	Min. RH (%)	80	79	79	78	78
-	-	-	-	-	-	-	Wind Speed(km/hr)	29	29	26	23	23
-	-	-	-	-	-	-	Wind Direction	WSW	WSW	WSW	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 there is forecast of cloudy sky from 27th to 31st July in Satara district. There is forecast of moderate rainfall at fairly widespread places on 27th, 28th, 29th, 30th and 31st July in Satara district. During next 5 days Maximum temperatures will remain nearby 28.0 to 32.0^oC and minimum between 23.0 to 25.0^oC respectively. Morning relative humidity will remain nearby 86 to 93% and Afternoon relative humidity will remain 78 to 80%. Wind speed will remain from 23 to 29 km/hr. According to Extended Range Forecast (ERF) in Madhya Maharashtra Sub Division rainfall will remain normal, maximum temperature will remain normal and minimum temperature will remain normal valid from 31 st July to 6 th August, 2024
Weather warning		<ul style="list-style-type: none"> ➤ Heavy to very heavy rainfall at isolated places with extremely heavy rainfall at isolated places very likely to occur in ghat areas in the district of Satara on 26th July ➤ Heavy to very heavy rainfall at isolated places with extremely heavy rainfall at isolated places very likely to occur in ghat areas in the district of Satara on 27th July ➤ Heavy to very heavy rainfall very likely to occur at isolated places in ghat areas in the districts of Satara on 28th July. ➤ Heavy to very heavy rainfall very likely to occur at isolated places in ghat areas in the districts of Satara on 29th and 30th July.
General Advisory		<ul style="list-style-type: none"> ➤ Make arrangement to drain out excess of stagnated rainwater from filed particularly in ghat region. ➤ Farmers should download "Meghdoot" android application on mobile for Agromet Advisory Services and "Damini" android application for forecast of lightening. ➤ Meghdoot App link: https://play.google.com/store/apps/details?id=com.aas.meghdoot ➤ Damini App link : https://play.google.com/store/apps/details?id=com.lightening.live.damini
SMS Advisory		<ul style="list-style-type: none"> ➤ There is warning of heavy to heavy rainfall at ghat region thus keep the animals at safe place and farmers should take care of themselves and their cattles.
Rice	Vegetative growth	<ul style="list-style-type: none"> ➤ Heavy to very heavy rainfall at isolated places with extremely heavy rainfall at isolated places very likely to occur in ghat areas of Satara district (Mahabaleshwar, Javali, Patan and Satara) from 26th to 28th July thus farmers can avoid transplanting of rice and interculturing operations in <i>Kharif</i> crops during warning period. ➤ Maintain water level upto 1 to 2 cm from transplanting to stability of transplanted plants and for 2 to 3 cm during primary growth stage of rice plants.
Maize	Vegetative growth	<ul style="list-style-type: none"> ➤ Carry out weed control by hoeing and weeding as per the need. ➤ There is forecast of heavy rainfall in ghat areas thus make arrangement to drain out stagnated rainwater from field.



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Soybean	Vegetative growth	<ul style="list-style-type: none">➤ Carry out weed control by one hoeing and then weeding at 15 to 20 days after germination.➤ Due to cloudy weather and light rainfall the infestation of Spodoptera is observed in some parts thus to control Spodoptera leaf eating caterpillar install 5 pheromone traps per hectore.➤ Make arrangement to drain out stagnated rainwater from field.
Groundnut	Sowing	<ul style="list-style-type: none">➤ Carry out 2 to 3 hoeing and 2 weeding with interval of 10 to 12 days. Give last hoeing little bit dip so that Groundnut crop can get support of soil. After formation of peg do not carry out interculturing operations.➤ There is forecast of heavy rainfall in ghat areas thus make arrangement to drain out stagnated rainwater from field.➤ Make arrangement to drain out stagnated rainwater from field.
Brinjal	fruit formation	<ul style="list-style-type: none">➤ Due to cloudy condition and increased humidity the incidence of Fruit and shoot borer is observed in some parts thus to control 20 days after planting of crop for every week remove and collect pest infected shoots and pest infected fruits from the plants and destroy it or burry it into deep dig.➤ Install 40 Pheromone traps (Funnel type) per acre.➤ Make arrangement to drain out stagnated rainwater from field.
Okra	fruit formation	<ul style="list-style-type: none">➤ Due to cloudy condition and increased humidity the incidence of Fruit borer in Okra thus to control use 10 Trichocards per hectore.➤ Make arrangement to drain out stagnated rainwater from field.
Animals	Growth	<ul style="list-style-type: none">➤ Keep cowshed dry and clean.➤ Spray lime powder solution for disinfection in Cattle shed by taking consultation from Veterinarian.➤ Farmers should take care of their cattle's. Keep the cattle's at safe place as there is forecast of heavy rainfall in ghat region.

Source:

1) Weather Forecast : Research Section, Mumbai

Place : ZARS, KOLHAPUR

Date : 26.07.2024

Sd/-
Nodal Officer, GKMS, &
Associate Director of Research,
ZARS, Kolhapur