



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: SANGLI

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)	18	15	12	10	14
-	-	-	-	-	-	-	Max. Temp. (°C)	27	28	29	30	29
-	-	-	-	-	-	-	Min. Temp. (°C)	22	23	23	24	23
-	-	-	-	-	-	-	Cloud Cover	8	8	7	7	8
-	-	-	-	-	-	-	Max. RH (%)	90	91	90	89	89
-	-	-	-	-	-	-	Min. RH (%)	81	82	80	81	80
-	-	-	-	-	-	-	Wind Speed(km/hr)	29	31	28	25	24
-	-	-	-	-	-	-	Wind Direction	WSW	WSW	WSW	WSW	WSW

Agromet Advisory Based on Weather Forecast

Crop	Stage	Advisory
Weather Summary		Weather forecast given by Regional Meteorological Centre, Mumbai has indicated that there is forecast of cloudy sky from from 27th to 31st July in Sangli district. There is forecast of moderate rainfall at scattered places on 27th July and light rainfall at scattered places on 28th, 29th, 30th and 31st July in Sangli district. During next 5 days Maximum temperatures will remain nearby 27.0 to 30.0 and minimum nearby 22.0 to 24.0°C respectively. Morning relative humidity will remain between 89 to 91% and Afternoon relative humidity will remain 80 to 82%. Wind speed will remain between 24 to 31 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
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. ➤ 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		➤ Stagnation of rainwater into vegetable crop leads to root rot thus make arrangement to drain out excess of stagnated rainwater from field.
Maize	Vegetative growth	<ul style="list-style-type: none"> ➤ Carry out weed control by hoeing and weeding as per the need. ➤ Make arrangement to drain out stagnated rainwater from field.
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. ➤ Make arrangement to drain out stagnated rainwater from field.
Sugarcane	Adsali Planting	<ul style="list-style-type: none"> ➤ If there is source of irrigation then carry out Sugarcane planting in Adasali seasons i.e. from 15th July to 15th August for better yield and sugar recovery. ➤ Make availability of recommended Sugarcane varieties like Co 86032, Phule 0265 and 15012. Select one of these recommended variety according to soil type. ➤ Planting of sugarcane with the 30 to 45 old plants grown from single bud in nursery is very beneficial compared to planting method with sets as it saves irrigation, weeding, fertilizer and supervision required during 30 to 45 days period. ➤ For planting of Sugarcane with sets select 9 to 10 month old healthy, genetically pure sugarcane sets.



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		<ul style="list-style-type: none">➤ For protection from fungal disease dip the sugarcane sets before planting for 10 minutes into the solution of 10 gram Carbendazim per 10 liters of water. Then dip these sets into the solution prepared by mixing 1 kg of Acetobacter + 125 gram Phosphorus Solubilizing Bacteria into 10 liters of water for 30 minutes and use for planting which saves 50 % Nitrogenous and 25 % Phosphorus fertilizers dose.
Turmeric	Vegetative growth	<ul style="list-style-type: none">➤ Keep the Turmeric field weed free➤ 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 bury 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 hecter.➤ Make arrangement to drain out stagnated rainwater from field.
Grape	79 days after pruning	<ul style="list-style-type: none">➤ The recent rainfall in different grape growing regions has reduced the temperature and increased the relative humidity in the grape vineyard. The increased humidity will help for build-up of inoculum of fungal diseases like downy mildew and anthracnose.➤ Application of Bordeaux mixture or copper hydroxide @1.5-2g/L may be done for the control of downy mildew.➤ Downy mildew can be prevented by application of mancozeb which can also control bacterial spot. A foliar application of Trichoderma@ 4-5ml/L may be given as the moisture conditions will be suitable for multiplication of the biocontrol agents. Drip application of Trichoderma should continue at fortnightly intervals.➤ 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 rainfall.

Source:

1) Weather Forecast

: Research Section, Mumbai

Place : ZARS, KOLHAPUR

Date :26.07.2024

Sd/-

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