



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI
DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



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43) Weather based Agromet Advisory committee meeting dated 26.07.2024

District: Dhule

Last Week Weather Summary (19.07.2024 to 25.07.2024)							Weather Parameters	Weather Forecast (27.07.2024 to 31.07.2024)				
19	20	21	22	24	24	25	Date	27	28	29	30	31
							Rainfall (mm)	26	45	20	14	10
							Max. Temp. (0C)	29	30	30	31	31
							Min. Temp. (0C)	24	24	25	25	24
							Cloud Cover	8	8	8	7	8
							Max. RH (%)	90	93	92	89	87
							Min. RH (%)	80	86	85	80	80
							Wind Speed(km/hr)	29	23	22	23	24

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		According to the weather forecast from the RMC, Mumbai, sky will remain partly cloudy during next five days. There is a possibility of light to medium rain at isolated places during next five days.
General Advisory		1) Use Meghdoot mobile app for weather based crop advisory and prediction. 2) Use Damini mobile app for electricity forecasting.
SMS Advisory		Maize: Spray the crop with <i>Azadirachtin</i> (1500 ppm) at 5 ml per liter of water in a clean environment as a preventive measure for American armyworm control.
Soybean	Seedling	Install 5 pheromone traps/ha for monitoring of <i>Spodoptera littura</i> .
Pigeon pea	Seedling	Install Bird perches of T shape @ 50-60/ha in the field. As soon as the incidences of disease are noticed, uproot and destroy the affected plants. To prevent the spread of sterility mosaic disease, when the crop is 20 and 40 days old, spray Sulfur 50% (WP) 30 g per 10 liters of water or neem oil 40 ml mixed with 10 liters of water. Spraying should be done only after seeing the rainfall situation.
Maize	Seedling	Spray the crop with <i>Azadirachtin</i> (1500 ppm) at 5 ml per liter of water in a clean environment as a preventive measure for American armyworm control. Spraying should be done only after seeing the rainfall situation.
Cotton	Square Formation	Cotton usually germinates within 10 days after sowing. Where germination has not taken place, the seeds of the same variety should be used for planting and apply watered immediately. And after 15 days, place only two vigorous seedlings on each flower and uproot the rest.
Pearl millet	Seedling	Interculturing operations should be done after 10 DAS
Groundnut	Seedling	Thinning should be done to maintain proper plant population. To control weed weeding should be done.
Green gram Black gram	Branching	Interculturing operations should be done after 20 to 25 DAS. Thinning should be done to maintain proper plant population. To control weed weeding should be done.
Animal Husbandry		Keeps the animals at safe places during rainy season. Pastoralists should find out what kind of worms are in their area. Animal dung should be examined to know the types of worms. Once the type of worms is understood, with the help of a veterinarian select useful and effective intoxicant for control and preventive measures. Animal immunity should be enhanced. So as to curb and control the growth of worms. For this the animals should be given a well balanced diet. It is important to keep the shed clean, dry and well ventilated



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		and to disinfect it from time to time. When giving medicines: Follow the instructions on the wrapper to give the medicine in the right amount.
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Source:

- 1) Weather Forecast : RMC, Mumbai
2) Last week weather summary : College of Agriculture, Dhule.

Place : MPKV, Rahuri

Date : 26.07.2024

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**Nodal Officer, GKMS, AMFU Rahuri &
Head, Department of Agronomy, MPKV, Rahuri**