



AGROMET ADVISORY BULLETIN

GRAMIN KRISHI MAUSAM SEWA, AMFU, RAHURI

DEPARTMENT OF AGRONOMY, MPKV, RAHURI.



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16) Weather based Agromet Advisory committee meeting dated 25.04.2025

District: Dhule

Last Week Weather Summary (18.04.2025 to 24.04.2025)							Weather Parameters	Weather Forecast (26.04.2025 to 30.04.2025)				
18	19	20	21	22	23	24	Date	26	27	28	29	30
							Rainfall (mm)	3	0	0	0	0
							Max. Temp. (0C)	40	39	39	40	41
							Min. Temp. (0C)	24	24	23	23	23
							Cloud Cover	4	3	0	0	0
							Max. RH (%)	32	33	32	32	32
							Min. RH (%)	17	18	18	19	19
							Wind Speed (km/hr)	13	13	13	14	15

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		According to the weather forecast from the RMC, Mumbai, sky is likely to remain partly cloudy for the next two days. After that, the sky is likely to be dry. Also, on April 26, there is a possibility of very light rain at isolated places.
General Advisory		As there is a possibility of rain, keep harvested crops in safe place/ shed or covered with plastic paper.
SMS Advisory		on April 26, there is a possibility of very light rain at isolated places.
Onion	Harvesting	After harvesting onion, while drying in the field, without heaping up, the first onion should be covered with the leaves of the second onion and dried for 5 days. After that cut the leaves with 3-5 cm of onion neck and dry them in shade for 2 weeks.
Summer Groundnut	Pod formation stage	Groundnut crop should not be exposed to water stress during pod formation stage (65 to 70 days). If water available give protected irrigation as per need. Leaf-eating larvae have been found in some places in groundnut crop. For control, spray Chlorpyrifos 20 ml per 10 liters of water in a clean environment.
Pearlmillet	Grain Development	Give application of DAP (18:46:00) or Spray 19:19:19 soluble fertilizer 60 and 65 days after sowing 2% solution at 20 gm/liter of water during clear weather condition. Control the blister bittles insect on pearl millet crop by undertake the dusting of Methyl Parathion 2% wp @ 8 kg per acre. (Considering rainfall forecast after 08 th May 2023 or during clear weather).
Sugarcane	Growth Stage	During May month the rate of evaporation increases up to 9.24 mm per day. Sugarcane crop needs 9.33 liters of water per day thus for fulfilling that requirement Drip Irrigation Unit(4liters dripper) need to run for 2 hour and 20 minutes daily. Carry out earthing up of suru sugarcane at the age of 16 to 18 weeks after planting. Give the fertilizer dose of Nitrogen 136 kg (Urea 295 kg), Phosphorus 85 kg (Single Super Phosphate 531 kg) and Potash 85 kg (Murate of Potash 142 kg) per hector before earthing up of Sugarcane.
Tomato/ Chili		Install 6 pheromone traps per acre 20 days after transplanting for management of fruit borer.



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		For management of leaf curl virus, remove infected plant and for controlling whitefly vector spray neem based insecticides 10 ml (5 EC) to 60 ml (0.03 EC) per 10 liters of water during clear weather condition.
Vegetables		Newly planted seedlings should be shaded. Arrangements should be made on the side of the field, on the embankment, to prevent obstruction of hot winds.
Fruit crops		Newly planted orchard seedlings should be protected from the heat. Also drip irrigation should use for irrigation.
Animals		Keep animals in shade and give them plenty of clean and cold water to drink. Do not make them work between 11 am to 4 pm. Give them green grass, protein-fat bypass supplement, mineral mixture and salt. Make them graze during cooler hours. Cover the shed roof with straw, Also, paint the walls white or plaster with dung-mud to reduce temperature.
Poultry		Provide curtains and proper ventilation in poultry house. Also, paint the walls white or plaster with dung-mud to reduce temperature.

Source:

- 1) Weather Forecast : RMC, Mumbai
- 2) Last week weather summary :

Place : MPKV, Rahuri
Date : 25.04.2025

Sd/-
Nodal Officer, GKMS, AMFU Rahuri &
Head, Department of Agronomy, MPKV, Rahuri.