



AGROMET ADVISORY BULLETIN

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



Ph. No. 02426 243239

E-mail: rahuri.amfu@gmail.com

14) Weather based Agromet Advisory committee meeting dated 16.04.2024

District: Nandurbar

Last Week Weather Summary (09.04.2024 to 15.04.2024)							Weather Parameters	Weather Forecast (17.04.2024 to 21.04.2024)				
09	10	11	12	13	14	15	Date	17	18	19	20	21
							Rainfall (mm)	1	0	0	3	0
							Max. Temp. (0C)	41	40	39	40	41
							Min. Temp. (0C)	26	27	27	26	26
							Cloud Cover	4	3	4	3	3
							Max. RH (%)	56	60	61	62	56
							Min. RH (%)	17	13	17	15	17
							Wind Speed(km/hr)	12	16	15	17	18

Agromet Advisory Based on Weather Forecast Prediction

Crop	Stage	Advisory
Weather Summary		According to the weather forecast from the Regional Meteorological Center, Mumbai, sky will remain partly cloudy during next five days. There is a possibility to rise minimum temperature is likely by 2 to 3 degrees Celsius.
General Advisory		Grass/ crop residues/ polyethylene should be used as mulching to save soil moisture. Farm Workers should avoid working in direct sunlight. The crops should be lightly irrigated as required to ensure that standing crops do not get water stress due to rise in temperature. Irrigation frequency should be increased during critical growth stage of crops. Use "Meghdoot" mobile app for weather based crop advisory.
SMS Advisory		There is a possibility to rise minimum temperature is likely by 2 to 3 degrees Celsius.
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).
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.



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		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 : IMD Observatory, WMP, MPKV, Rahuri.

Place : MPKV, Rahuri

Date : 16.04.2024

Sd/-

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